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Lowell, MA 01854

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TRC Reference Number: 115058

October 4, 2010

Cheryl Henlin
Department of Environmental Stewardship
City of New Bedford
133 William Street
New Bedford, Massachusetts 02740

Subject: **Groundwater Monitoring Results**
Keith Middle School, New Bedford, Massachusetts

Dear Ms. Henlin:

In accordance with the October 20, 2006 Long-Term Monitoring and Maintenance Implementation Plan (LTMMIP) for Keith Middle School (KMS), TRC Environmental Corporation (TRC) collected groundwater samples from three monitoring wells on September 14, 2010. Review of the volatile organic compound (VOC), polychlorinated biphenyl (PCB) and dissolved metals data has been completed by TRC's Quality Assurance (QA) Chemist. The attached table and laboratory data reports provide the results from this sampling effort, in addition to the previous April 21, 2010 analytical results.

Please note that the data are compared to Massachusetts Contingency Plan (MCP; 310 CMR 40.0000) Method 1 GW-2 and GW-3 groundwater cleanup criteria per the LTMMIP, but also to the GW-1 criteria because one of the groundwater monitoring wells (MW-3) is within 500 feet of a suspected potable private groundwater supply well at 249 Summit Street.

TRC appreciates the opportunity to support your project. If you have any questions or comments, please do not hesitate to contact me at 978-656-3565.

Sincerely,

TRC

David M. Sullivan, LSP, CHMM
Senior Project Manager

Enclosure

cc with enclosure K. Tisa, United States Environmental Protection Agency

Table 1
Summary of Analytical Results for Groundwater Samples – 2010
Keith Middle School
New Bedford, Massachusetts

Analysis	Analyte			Sample ID:	MW-1				MW-2		MW-3	
				Sample Date:	4/21/2010	4/21/2010	9/14/2010	9/14/2010	4/21/2010	9/14/2010	4/21/2010	9/14/2010
		GW-1	GW-2	GW-3		Field Dup		Field Dup				
VOCs (ug/L)	Acetone	6,300	50,000	50,000	50 U	50 U	10 U	10 U	50 U	10 U	50 U	10 U
	tert-Amyl Methyl Ether (TAME)	NS	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Benzene	5	2,000	10,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromobenzene	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromochloromethane	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromodichloromethane	3	6	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromoform	4	700	50,000	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U
	Bromomethane	10	7	800	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	2-Butanone (MEK)	4,000	50,000	50,000	20 U	20 U	10 U	10 U	20 U	10 U	20 U	10 U
	n-Butylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	sec-Butylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	tert-Butylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Carbon Disulfide	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Carbon Tetrachloride	5	2	5,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Chlorobenzene	100	200	1,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Chlorodibromomethane	2	20	50,000	0.50 U	0.50 U	2.0 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U
	Chloroethane	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Chloroform	70	50	20,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Chloromethane	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	2-Chlorotoluene	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	4-Chlorotoluene	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dibromo-3-chloropropane (DBCP)	NS	NS	NS	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
	1,2-Dibromoethane (EDB)	0.02	2	50,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Dibromomethane	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichlorobenzene	600	2,000	2,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,3-Dichlorobenzene	40	2,000	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,4-Dichlorobenzene	5	200	8,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Dichlorodifluoromethane (Freon 12)	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	1,1-Dichloroethane	70	1,000	20,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichloroethane	5	5	20,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1-Dichloroethylene	7	80	30,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	cis-1,2-Dichloroethylene	70	100	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	trans-1,2-Dichloroethylene	100	90	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichloropropane	5	3	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Summary of Analytical Results for Groundwater Samples – 2010
Keith Middle School
New Bedford, Massachusetts

Analysis	Analyte			Sample ID:	MW-1				MW-2		MW-3	
				Sample Date:	4/21/2010	4/21/2010	9/14/2010	9/14/2010	4/21/2010	9/14/2010	4/21/2010	9/14/2010
		GW-1	GW-2	GW-3		Field Dup		Field Dup				
	1,3-Dichloropropane	NS	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	2,2-Dichloropropane	NS	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1-Dichloropropene	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	cis-1,3-Dichloropropene	0.4[2]	10[2]	200[2]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	trans-1,3-Dichloropropene	0.4[2]	10[2]	200[2]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Diethyl Ether	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Diisopropyl Ether (DIPE)	NS	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	1,4-Dioxane	3	6,000	50,000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	Ethylbenzene	700	20,000	5,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Hexachlorobutadiene	1	1	3,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	2-Hexanone (MBK)	NS	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Isopropylbenzene (Cumene)	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	p-Isopropyltoluene (p-Cymene)	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Methyl tert-Butyl Ether (MTBE)	70	50,000	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.6**	1.0 U	1.0 U
	Methylene Chloride	5	10,000	50,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	4-Methyl-2-pentanone (MIBK)	350	50,000	50,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Naphthalene	140	1,000	20,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	n-Propylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Styrene	100	100	6,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,1,2-Tetrachloroethane	5	10	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,2,2-Tetrachloroethane	2	9	50,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Tetrachloroethylene	5	50	30,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Tetrahydrofuran	NS	NS	NS	10 U	10 U	2.0 U	2.0 U	10 U	2.0 U	10 U	2.0 U
	Toluene	1,000	50,000	40,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2,3-Trichlorobenzene	NS	NS	NS	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
	1,2,4-Trichlorobenzene	70	2,000	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,1-Trichloroethane	200	4,000	20,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,2-Trichloroethane	5	900	50,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Trichloroethylene	5	30	5,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Trichlorofluoromethane (Freon 11)	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	1,2,3-Trichloropropane	NS	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	1,2,4-Trimethylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,3,5-Trimethylbenzene	200[1]	7,000[1]	50,000[1]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Vinyl Chloride	2	2	50,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	m+p Xylene	10,000	9,000	5,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	o-Xylene	10,000	9,000	5,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Keith Middle School
New Bedford, Massachusetts

Analysis	Analyte			Sample ID:	MW-1				MW-2		MW-3	
				Sample Date:	4/21/2010	4/21/2010	9/14/2010	9/14/2010	4/21/2010	9/14/2010	4/21/2010	9/14/2010
		GW-1	GW-2	GW-3		Field Dup		Field Dup				
PCBs (ug/L)	Aroclor 1016	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1221	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1232	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1242	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1248	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1254	0.5	5	10	**0.0208 J**	**0.0174 J**	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1260	0.5	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Total PCBs	0.5	5	10	**0.0208 J**	**0.0174 J**	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
Metals, dissolved												
	Arsenic	10	NS	900	10 U	10 U	0.40 U	0.40 U	10 U	**5.2**	10 U	0.40 U
	Barium	2,000	NS	50,000	**130**	**130**	**61**	**54**	**190**	**1,200**	**76**	**310**
	Cadmium	5	NS	4	4.0 U	4.0 U	0.50 U	0.50 U	4.0 U	0.50 U	4.0 U	0.50 U
	Chromium	100	NS	300	10 U	10 U	**1.3**	**1.3**	10 U	**2.1**	10 U	**1.6**
	Lead	15	NS	10	10 U	10 U	1.0 U	1.0 U	10 U	1.0 U	10 U	**1.9**
	Mercury	2	NS	20	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
	Selenium	50	NS	100	50 U	50 U	5.0 U	5.0 U	50 U	5.0 U	50 U	5.0 U
	Silver	100	NS	7	5.0 U	5.0 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	0.50 U

Notes:

ug/L - micrograms per liter.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

NS - No MassDEP standards exist for this compound.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed MassDEP Method 1 standards.

VOCs - Volatile Organic Compounds.

(1) - MassDEP Method 1 standards for C9-C10 aromatic hydrocarbons used.

(2) - MassDEP Method 1 standards for 1,3-Dichloropropene used.

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 22, 2010

David Sullivan
TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852

Project Location: City Of New Bedford - KMS
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 1010468

Enclosed are results of analyses for samples received by the laboratory on September 15, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley

Meghan E. Kelley
Project Manager

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852
ATTN: David Sullivan

REPORT DATE: 9/22/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 1010468

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: City Of New Bedford - KMS

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	1010468-01	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-101	1010468-02	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-2	1010468-03	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-3	1010468-04	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020, only RCRA 8 metals were requested and reported.

SW-846 6020A

Qualifications:

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Barium

1010468-04[MW-3], B019446-MS1

SW-846 8260B

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), Bromoform

1010468-01[MW-1], 1010468-02[MW-101], 1010468-03[MW-2], 1010468-04[MW-3], B019383-BLK1, B019383-BS1, B019383-BSD1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B019383-BS1, B019383-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

Bromoform, Methylene Chloride

1010468-01[MW-1], 1010468-02[MW-101], 1010468-03[MW-2], 1010468-04[MW-3], B019383-BLK1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Chlorodibromomethane, Chloromethane, Tetrahydrofuran, trans-1,3-Dichloropropene

1010468-01[MW-1], 1010468-02[MW-101], 1010468-03[MW-2], 1010468-04[MW-3], B019383-BLK1, B019383-BS1, B019383-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane

1010468-01[MW-1], 1010468-02[MW-101], 1010468-03[MW-2], 1010468-04[MW-3], B019383-BLK1, B019383-BS1, B019383-BSD1

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-1
Sampled: 9/14/2010 11:10

Sample ID: 1010468-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Bromoform	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Chlorodibromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS | Sample Description: | Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-1 | Sampled: 9/14/2010 11:10

Sample ID: 1010468-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:13	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.4	70-130		9/17/10 22:13
Toluene-d8	99.4	70-130		9/17/10 22:13
4-Bromofluorobenzene	93.8	70-130		9/17/10 22:13

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-1
Sampled: 9/14/2010 11:10

Sample ID: 1010468-01

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.40	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Barium	61	10	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Chromium	1.3	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Lead	ND	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	9/20/10	9/21/10 14:25	AMP
Selenium	ND	5.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:21	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468
Date Received: 9/15/2010
Field Sample #: MW-101
Sampled: 9/14/2010 12:10
Sample ID: 1010468-02
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Bromoform	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Chlorodibromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-101
Sampled: 9/14/2010 12:10

Sample ID: 1010468-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 22:45	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		9/17/10 22:45
Toluene-d8	100	70-130		9/17/10 22:45
4-Bromofluorobenzene	92.0	70-130		9/17/10 22:45

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-101
Sampled: 9/14/2010 12:10

Sample ID: 1010468-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.40	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Barium	54	10	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Chromium	1.3	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Lead	ND	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	9/20/10	9/21/10 14:27	AMP
Selenium	ND	5.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:24	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468
Date Received: 9/15/2010
Field Sample #: MW-2
Sampled: 9/14/2010 13:40
Sample ID: 1010468-03
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Bromoform	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Chlorodibromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-2
Sampled: 9/14/2010 13:40

Sample ID: 1010468-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Methyl tert-Butyl Ether (MTBE)	1.6	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:17	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		9/17/10 23:17
Toluene-d8	99.4	70-130		9/17/10 23:17
4-Bromofluorobenzene	94.7	70-130		9/17/10 23:17

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-2
Sampled: 9/14/2010 13:40

Sample ID: 1010468-03

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.2	0.40	µg/L	1		SW-846 6020A	9/20/10	9/22/10 11:51	KSH
Barium	1200	200	µg/L	20		SW-846 6020A	9/20/10	9/22/10 11:54	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:28	KSH
Chromium	2.1	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:28	KSH
Lead	ND	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:28	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	9/20/10	9/21/10 14:29	AMP
Selenium	ND	5.0	µg/L	1		SW-846 6020A	9/20/10	9/22/10 11:51	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 17:28	KSH

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS Sample Description: Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-3 Sampled: 9/14/2010 16:40

Sample ID: 1010468-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Bromoform	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Chlorodibromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-3
Sampled: 9/14/2010 16:40

Sample ID: 1010468-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	9/17/10	9/17/10 23:49	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		9/17/10 23:49
Toluene-d8	99.1	70-130		9/17/10 23:49
4-Bromofluorobenzene	94.8	70-130		9/17/10 23:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: City Of New Bedford - KMS
Sample Description:
Work Order: 1010468

Date Received: 9/15/2010

Field Sample #: MW-3
Sampled: 9/14/2010 16:40

Sample ID: 1010468-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.40	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH
Barium	310	100	µg/L	10	MS-11	SW-846 6020A	9/20/10	9/21/10 19:12	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH
Chromium	1.6	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH
Lead	1.9	1.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	9/20/10	9/21/10 14:30	AMP
Selenium	ND	5.0	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	9/20/10	9/21/10 15:13	KSH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3005A Dissolved-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10I0468-01 [MW-1]	B019446	50.0	50.0	09/20/10
10I0468-02 [MW-101]	B019446	50.0	50.0	09/20/10
10I0468-03 [MW-2]	B019446	50.0	50.0	09/20/10
10I0468-04 [MW-3]	B019446	50.0	50.0	09/20/10

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10I0468-01 [MW-1]	B019474	6.00	6.00	09/20/10
10I0468-02 [MW-101]	B019474	6.00	6.00	09/20/10
10I0468-03 [MW-2]	B019474	6.00	6.00	09/20/10
10I0468-04 [MW-3]	B019474	6.00	6.00	09/20/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10I0468-01 [MW-1]	B019383	5	5.00	09/17/10
10I0468-02 [MW-101]	B019383	5	5.00	09/17/10
10I0468-03 [MW-2]	B019383	5	5.00	09/17/10
10I0468-04 [MW-3]	B019383	5	5.00	09/17/10

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019383 - SW-846 5035										
Blank (B019383-BLK1)				Prepared & Analyzed: 09/17/10						
Acetone	ND	10	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	5.0	µg/L							L-04, RL-07, V-05
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	10	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							V-05
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L							L-04, V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							V-05
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							RL-07
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B019383 - SW-846 5035												
Blank (B019383-BLK1)				Prepared & Analyzed: 09/17/10								
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	2.0	µg/L								V-05	
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	2.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.3		70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.5		70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.4		70-130				
LCS (B019383-BS1)				Prepared & Analyzed: 09/17/10								
Acetone	93.0	10	µg/L	100		93.0		40-160				†
tert-Amyl Methyl Ether (TAME)	8.66	0.50	µg/L	10.0		86.6		70-130				
Benzene	10.4	1.0	µg/L	10.0		104		70-130				
Bromobenzene	10.0	1.0	µg/L	10.0		100		70-130				
Bromochloromethane	11.3	1.0	µg/L	10.0		113		70-130				
Bromodichloromethane	8.08	1.0	µg/L	10.0		80.8		70-130				
Bromoform	6.64	5.0	µg/L	10.0		**66.4**	*	70-130			L-04, V-05	
Bromomethane	4.45	2.0	µg/L	10.0		44.5		40-160			L-14	†
2-Butanone (MEK)	85.5	10	µg/L	100		85.5		40-160				†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101		70-130				
sec-Butylbenzene	9.95	1.0	µg/L	10.0		99.5		70-130				
tert-Butylbenzene	9.90	1.0	µg/L	10.0		99.0		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.09	0.50	µg/L	10.0		90.9		70-130				
Carbon Disulfide	9.54	2.0	µg/L	10.0		95.4		70-130				
Carbon Tetrachloride	8.78	1.0	µg/L	10.0		87.8		70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130				
Chlorodibromomethane	7.27	2.0	µg/L	10.0		72.7		70-130			V-05	
Chloroethane	9.69	2.0	µg/L	10.0		96.9		70-130				
Chloroform	10.4	2.0	µg/L	10.0		104		70-130				
Chloromethane	5.99	2.0	µg/L	10.0		59.9		40-160			L-14, V-05	†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103		70-130				
4-Chlorotoluene	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	5.49	2.0	µg/L	10.0		**54.9**	*	70-130			L-04, V-05	
1,2-Dibromoethane (EDB)	9.74	0.50	µg/L	10.0		97.4		70-130				
Dibromomethane	10.0	1.0	µg/L	10.0		100		70-130				
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B019383 - SW-846 5035											
LCS (B019383-BS1)				Prepared & Analyzed: 09/17/10							
Dichlorodifluoromethane (Freon 12)	6.11	2.0	µg/L	10.0		61.1	40-160			L-14	†
1,1-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130				
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,1-Dichloroethylene	11.4	1.0	µg/L	10.0		114	70-130				
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130				
trans-1,2-Dichloroethylene	12.0	1.0	µg/L	10.0		120	70-130				
1,2-Dichloropropane	9.81	1.0	µg/L	10.0		98.1	70-130				
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130				
2,2-Dichloropropane	8.57	1.0	µg/L	10.0		85.7	70-130				
1,1-Dichloropropene	10.4	2.0	µg/L	10.0		104	70-130				
cis-1,3-Dichloropropene	8.10	0.50	µg/L	10.0		81.0	70-130				
trans-1,3-Dichloropropene	8.69	0.50	µg/L	10.0		86.9	70-130			V-05	
Diethyl Ether	11.4	2.0	µg/L	10.0		114	70-130				
Diisopropyl Ether (DIPE)	9.49	0.50	µg/L	10.0		94.9	70-130				
1,4-Dioxane	89.9	50	µg/L	100		89.9	40-160			V-16	†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Hexachlorobutadiene	9.76	0.50	µg/L	10.0		97.6	70-130				
2-Hexanone (MBK)	82.1	10	µg/L	100		82.1	40-160				†
Isopropylbenzene (Cumene)	11.8	1.0	µg/L	10.0		118	70-130				
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102	70-130				
Methyl tert-Butyl Ether (MTBE)	11.6	1.0	µg/L	10.0		116	70-130				
Methylene Chloride	9.89	5.0	µg/L	10.0		98.9	70-130				
4-Methyl-2-pentanone (MIBK)	83.2	10	µg/L	100		83.2	40-160				†
Naphthalene	8.87	2.0	µg/L	10.0		88.7	70-130				
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
Styrene	10.3	1.0	µg/L	10.0		103	70-130				
1,1,1,2-Tetrachloroethane	9.02	1.0	µg/L	10.0		90.2	70-130				
1,1,2,2-Tetrachloroethane	9.92	0.50	µg/L	10.0		99.2	70-130				
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112	70-130				
Tetrahydrofuran	7.41	2.0	µg/L	10.0		74.1	70-130			V-05	
Toluene	10.6	1.0	µg/L	10.0		106	70-130				
1,2,3-Trichlorobenzene	9.59	2.0	µg/L	10.0		95.9	70-130				
1,2,4-Trichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130				
1,1,1-Trichloroethane	9.08	1.0	µg/L	10.0		90.8	70-130				
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130				
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	12.2	2.0	µg/L	10.0		122	70-130				
1,2,3-Trichloropropane	9.64	2.0	µg/L	10.0		96.4	70-130				
1,2,4-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130				
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	70-130				
m+p Xylene	21.2	2.0	µg/L	20.0		106	70-130				
o-Xylene	10.4	1.0	µg/L	10.0		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.7	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B019383 - SW-846 5035												
LCS Dup (B019383-BSD1)				Prepared & Analyzed: 09/17/10								
Acetone	91.1	10	µg/L	100		91.1		40-160	2.10	20		†
tert-Amyl Methyl Ether (TAME)	8.49	0.50	µg/L	10.0		84.9		70-130	1.98	20		
Benzene	10.0	1.0	µg/L	10.0		100		70-130	3.73	20		
Bromobenzene	9.80	1.0	µg/L	10.0		98.0		70-130	2.52	20		
Bromochloromethane	10.7	1.0	µg/L	10.0		107		70-130	5.45	20		
Bromodichloromethane	7.92	1.0	µg/L	10.0		79.2		70-130	2.00	20		
Bromoform	6.51	5.0	µg/L	10.0		**65.1**	*	70-130	1.98	20	L-04, V-05	
Bromomethane	4.41	2.0	µg/L	10.0		44.1		40-160	0.903	20	L-14	†
2-Butanone (MEK)	84.0	10	µg/L	100		84.0		40-160	1.73	20		†
n-Butylbenzene	9.54	1.0	µg/L	10.0		95.4		70-130	5.70	20		
sec-Butylbenzene	9.49	1.0	µg/L	10.0		94.9		70-130	4.73	20		
tert-Butylbenzene	9.56	1.0	µg/L	10.0		95.6		70-130	3.49	20		
tert-Butyl Ethyl Ether (TBEE)	9.03	0.50	µg/L	10.0		90.3		70-130	0.662	20		
Carbon Disulfide	8.17	2.0	µg/L	10.0		81.7		70-130	15.5	20		
Carbon Tetrachloride	8.13	1.0	µg/L	10.0		81.3		70-130	7.69	20		
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	4.20	20		
Chlorodibromomethane	7.11	2.0	µg/L	10.0		71.1		70-130	2.23	20	V-05	
Chloroethane	9.56	2.0	µg/L	10.0		95.6		70-130	1.35	20		
Chloroform	10.0	2.0	µg/L	10.0		100		70-130	3.91	20		
Chloromethane	5.60	2.0	µg/L	10.0		56.0		40-160	6.73	20	L-14, V-05	†
2-Chlorotoluene	9.79	1.0	µg/L	10.0		97.9		70-130	5.08	20		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	3.09	20		
1,2-Dibromo-3-chloropropane (DBCP)	5.28	2.0	µg/L	10.0		**52.8**	*	70-130	3.90	20	L-04, V-05	
1,2-Dibromoethane (EDB)	9.77	0.50	µg/L	10.0		97.7		70-130	0.308	20		
Dibromomethane	9.85	1.0	µg/L	10.0		98.5		70-130	1.61	20		
1,2-Dichlorobenzene	9.99	1.0	µg/L	10.0		99.9		70-130	2.18	20		
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	2.16	20		
1,4-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5		70-130	3.17	20		
Dichlorodifluoromethane (Freon 12)	5.51	2.0	µg/L	10.0		55.1		40-160	10.3	20	L-14	†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130	4.59	20		
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	1.43	20		
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130	6.36	20		
cis-1,2-Dichloroethylene	9.89	1.0	µg/L	10.0		98.9		70-130	4.26	20		
trans-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113		70-130	6.02	20		
1,2-Dichloropropane	9.45	1.0	µg/L	10.0		94.5		70-130	3.74	20		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103		70-130	1.18	20		
2,2-Dichloropropane	7.69	1.0	µg/L	10.0		76.9		70-130	10.8	20		
1,1-Dichloropropene	9.95	2.0	µg/L	10.0		99.5		70-130	4.23	20		
cis-1,3-Dichloropropene	7.95	0.50	µg/L	10.0		79.5		70-130	1.87	20		
trans-1,3-Dichloropropene	8.36	0.50	µg/L	10.0		83.6		70-130	3.87	20	V-05	
Diethyl Ether	11.2	2.0	µg/L	10.0		112		70-130	1.59	20		
Diisopropyl Ether (DIPE)	9.14	0.50	µg/L	10.0		91.4		70-130	3.76	20		
1,4-Dioxane	91.7	50	µg/L	100		91.7		40-160	1.93	20	V-16	†
Ethylbenzene	9.97	1.0	µg/L	10.0		99.7		70-130	4.70	20		
Hexachlorobutadiene	9.50	0.50	µg/L	10.0		95.0		70-130	2.70	20		
2-Hexanone (MBK)	82.0	10	µg/L	100		82.0		40-160	0.207	20		†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0		113		70-130	4.31	20		
p-Isopropyltoluene (p-Cymene)	9.65	1.0	µg/L	10.0		96.5		70-130	5.15	20		
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115		70-130	0.950	20		
Methylene Chloride	9.63	5.0	µg/L	10.0		96.3		70-130	2.66	20		
4-Methyl-2-pentanone (MIBK)	83.6	10	µg/L	100		83.6		40-160	0.551	20		†
Naphthalene	8.87	2.0	µg/L	10.0		88.7		70-130	0.00	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019383 - SW-846 5035										
LCS Dup (B019383-BSD1)				Prepared & Analyzed: 09/17/10						
n-Propylbenzene	10.2	1.0	µg/L	10.0		102	70-130	6.10	20	
Styrene	9.96	1.0	µg/L	10.0		99.6	70-130	3.36	20	
1,1,1,2-Tetrachloroethane	8.61	1.0	µg/L	10.0		86.1	70-130	4.65	20	
1,1,2,2-Tetrachloroethane	9.87	0.50	µg/L	10.0		98.7	70-130	0.505	20	
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130	3.83	20	
Tetrahydrofuran	7.75	2.0	µg/L	10.0		77.5	70-130	4.49	20	V-05
Toluene	10.2	1.0	µg/L	10.0		102	70-130	3.84	20	
1,2,3-Trichlorobenzene	9.30	2.0	µg/L	10.0		93.0	70-130	3.07	20	
1,2,4-Trichlorobenzene	9.44	1.0	µg/L	10.0		94.4	70-130	2.82	20	
1,1,1-Trichloroethane	8.54	1.0	µg/L	10.0		85.4	70-130	6.13	20	
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	3.83	20	
Trichloroethylene	9.86	1.0	µg/L	10.0		98.6	70-130	4.46	20	
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.0		113	70-130	7.69	20	
1,2,3-Trichloropropane	9.17	2.0	µg/L	10.0		91.7	70-130	5.00	20	
1,2,4-Trimethylbenzene	9.52	1.0	µg/L	10.0		95.2	70-130	4.62	20	
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.78	20	
Vinyl Chloride	9.36	2.0	µg/L	10.0		93.6	70-130	7.41	20	
m+p Xylene	20.6	2.0	µg/L	20.0		103	70-130	3.11	20	
o-Xylene	10.0	1.0	µg/L	10.0		100	70-130	3.33	20	
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.3	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130			

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B019446 - SW-846 3005A Dissolved											
Blank (B019446-BLK1)				Prepared: 09/20/10 Analyzed: 09/21/10							
Arsenic	ND	0.40	µg/L								
Barium	ND	10	µg/L								
Cadmium	ND	0.50	µg/L								
Chromium	ND	1.0	µg/L								
Lead	ND	1.0	µg/L								
Selenium	ND	5.0	µg/L								
Silver	ND	0.50	µg/L								
LCS (B019446-BS1)				Prepared: 09/20/10 Analyzed: 09/21/10							
Arsenic	107	0.80	µg/L	100		107		80-120			
Barium	101	20	µg/L	100		101		80-120			
Cadmium	98.6	1.0	µg/L	100		98.6		80-120			
Chromium	102	2.0	µg/L	100		102		80-120			
Lead	102	2.0	µg/L	100		102		80-120			
Selenium	103	10	µg/L	100		103		80-120			
Silver	107	1.0	µg/L	100		107		80-120			
LCS Dup (B019446-BSD1)				Prepared: 09/20/10 Analyzed: 09/21/10							
Arsenic	105	0.80	µg/L	100		105		80-120	2.34	20	
Barium	101	20	µg/L	100		101		80-120	0.228	20	
Cadmium	99.6	1.0	µg/L	100		99.6		80-120	1.06	20	
Chromium	103	2.0	µg/L	100		103		80-120	0.575	20	
Lead	102	2.0	µg/L	100		102		80-120	0.0523	20	
Selenium	103	10	µg/L	100		103		80-120	0.0607	20	
Silver	107	1.0	µg/L	100		107		80-120	0.208	20	
Duplicate (B019446-DUP1)		**Source: 1010468-04**		Prepared: 09/20/10 Analyzed: 09/21/10							
Arsenic	ND	0.40	µg/L		ND				NC	20	
Barium	315	100	µg/L		310				1.47	20	
Cadmium	ND	0.50	µg/L		ND				NC	20	
Chromium	1.56	1.0	µg/L		1.55				0.306	20	
Lead	1.80	1.0	µg/L		1.88				4.40	20	
Selenium	ND	5.0	µg/L		ND				NC	20	
Silver	ND	0.50	µg/L		ND				NC	20	
Duplicate (B019446-DUP2)		**Source: 1010468-04**		Prepared: 09/20/10 Analyzed: 09/22/10							
Barium	284	200	µg/L		310				8.75	20	
Matrix Spike (B019446-MS1)		**Source: 1010468-04**		Prepared: 09/20/10 Analyzed: 09/21/10							
Arsenic	115	0.80	µg/L	100	ND	115		75-125			
Barium	469	100	µg/L	100	310	**158**	*	75-125			MS-11
Cadmium	103	1.0	µg/L	100	0.186	103		75-125			
Chromium	104	2.0	µg/L	100	1.55	103		75-125			
Lead	112	2.0	µg/L	100	1.88	111		75-125			
Selenium	105	10	µg/L	100	0.564	105		75-125			
Silver	111	1.0	µg/L	100	0.0272	111		75-125			

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019474 - SW-846 7470A Prep										
Blank (B019474-BLK1)				Prepared: 09/20/10 Analyzed: 09/21/10						
Mercury	ND	0.00010	mg/L							
LCS (B019474-BS1)				Prepared: 09/20/10 Analyzed: 09/21/10						
Mercury	0.00186	0.00010	mg/L	0.00200		92.8	80-120			
LCS Dup (B019474-BSD1)				Prepared: 09/20/10 Analyzed: 09/21/10						
Mercury	0.00184	0.00010	mg/L	0.00200		91.9	80-120	0.926	20	
Duplicate (B019474-DUP1)		**Source: 10I0468-04**		Prepared: 09/20/10 Analyzed: 09/21/10						
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B019474-MS1)		**Source: 10I0468-04**		Prepared: 09/20/10 Analyzed: 09/21/10						
Mercury	0.00200	0.00010	mg/L	0.00200	ND	99.9	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits estabished for difficult compound.
‡	Wide RPD limits estabished for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6020A in Water	
Arsenic	CT,NH,NY,RI,NC
Barium	MA,NY,CT,NC
Cadmium	CT,NH,NY,RI,NC
Chromium	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
Selenium	CT,NH,NY,RI,NC
Silver	CT,NC,NH,NY,RI
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
tert-Amyl Methyl Ether (TAME)	NH,NY,NC
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

10I0468

Company Name: TRC
Address: 650 Suffolk St.
Lowell Ma. 01854
Attention: David Sullivan
Project Location: City of New Bedford - KMS
Sampled By: H. Rizzia

Telephone: 978-970-5600
Project # 115058
Client PO# C115058

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: DSullivan@TRC Solutions
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs (8260B)	Dissolved metals RCRA-8										
-01	MW-1	9/14/10	1110		X	GW		X	X										
-02	MW-101	↓	1210		X	GW		X	X										
-03	MW-2	↓	1340		X	GW		X	X										
-04	MW-3	↓	1640		X	GW		X	X	← MS/DUP for metals									

# of Containers	
** Preservation	
***Container Code	

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by (signature) [signature]	Date/Time: 9/15/10 1155
Received by (signature) [signature]	Date/Time: 1155 9-15-10
Relinquished by (signature) [signature]	Date/Time: 1735 9-15-10
Received by (signature) Paula Blakeborough	Date/Time: 9/15/10 1735

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 Day

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: MCP/GW-2
GW-3
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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East Longmeadow, MA.
01028
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: PB DATE: 9/15/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3°

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	6	Air Cassette	
40 mL Vial - type listed below	12	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: (Yes) No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 10I0468
Project Location: City Of New Bedford - KMS	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

10I0468-01 thru 10I0468-04

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB (X)	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D (X)	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: M Erickson Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 09/22/10

SAMPLE DATA SUMMARY PACKAGE FOR:

TRC ENVIRONMENTAL
WANNALANCIT MILLS
650 SUFFOLK ST
LOWELL, MA 01854
CONTACT: DAVID SULLIVAN

PCB Analysis

Date: September 27, 2010-J

LRF: 10090168

Provided by: Northeast Analytical, Inc.
2190 Technology Drive
Schenectady, New York 12308
518-346-4592

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CASE NARRATIVE

September 27, 2010

CASE NARRATIVE

This data package (NEA SDG ID: 10090168) consists of 4 water samples received on 09/16/2010. The samples are from Project Name: 115058 KEITH MIDDLE SCHOOL.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AN13530	MW-1	09/14/2010 11:10
AN13531	MW-101	09/14/2010 12:10
AN13532	MW-2	09/14/2010 13:40
AN13533	MW-3	09/14/2010 16:40

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via FEDEX delivery service on 09/16/2010.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) The following cooler temperature was recorded at sample receipt: 1.0 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by method SW-846 8082A using a dual column GC system. Samples were extracted by Continuous Liquid/Liquid Extraction (EPA - Method 3520C). The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Qualifier Summary

(1.) B-Denotes analyte observed in associated method blank at a concentration exceeding the MDL.
(2.) J-Denotes concentration result greater than the MDL but less than the RL.
(3.) U-Denotes analyte not observed at a concentration greater than the MDL.

Respectfully submitted,

Christina Braidwood
Quality Assurance Manager

S:\Lims Data\1009\10090168\Package\CN_10090168_Rev00.doc

SAMPLE CHAIN OF CUSTODY

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

<10090168P1>

LRF # 100901681

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

DISPOSAL REQUIREMENTS: (To be filled in by Client)

- ○ RETURN TO CLIENT
- ● DISPOSAL BY NORTHEAST ANALYTICAL
- ● ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): TRC

PROJECT#/PROJECT NAME: City of New Bedford

PROJECT MANAGER: David Sullivan

PROJECT LOCATION (CITY/STATE) ADDRESS: KMS

PHONE: 978-970-5600

PO# C115058

SAMPLED BY: (Please Print) Heidi Rizza

REQUIRED TURN AROUND TIME: 5 Day

SAMPLING FIRM: 650 Suffolk St. Lowell Ma. 01854

NAME OF COURIER (IF USED): Fedex

Data Report: ☐ CLP* ☐ Certificates Only

ELECTRONIC RESULTS FORMAT .PDF ☒ EXCEL (.CSV) ☐

E-MAIL ADDRESS

FAXED RESULTS ☐ FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCBs (8082)							REMARKS:
PRESERVATIVE CODE														
BOTTLE TYPE:														
BOTTLE SIZE:														
MW-1	9/14/10	1110	GW	G	AN13530	2	X							
MW-101		1210			AN13531	2	X							
MW-2		1340			AN13532	2	X							
MW-3		1640			AN13533	6	X		MS/MSD					

AMBIENT OR CHILLED TEMP 1.0 COC TAPE Y N

RECEIVED BROKEN OR LEAKING Y N COC DISCREPANCIES Y N

PROPERLY PRESERVED: Y N

RECVD W/I HOLDING TIMES: Y N

OTHER NOTES

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE Heidi Rizza	SIGNATURE A. Moore	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME Heidi Rizza	PRINTED NAME A. MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY TRC	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME 9/15/10 1500	DATE/TIME 9/16/10 949	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

LOGIN COC FORM 01 070105 REV01 01

INTERNAL SAMPLE TRACKING RECORD

PCB EXTRACTION LOG

NEA NORTHEAST ANALYTICAL LABS

Prep Date: 09/20/10 **Batch ID: 11939**

	Prep ID	NEA Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Percent Total Solids	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														Initial for required Clean Up Steps						
														EMP		EMP	EMP			
1	113991	PBLK-38	AN13533B	Water	5	E PCB W	CLLE	N/A	1000	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
2	113992	LCS-38	AN13533L	Water	5	E PCB W	CLLE	N/A	1000	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
3	113988	10090168-04MS	AN13533M	Water	5	E PCB W	CLLE	N/A	1040	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
4	113989	10090168-04MSD	AN13533K	Water	5	E PCB W	CLLE	N/A	1040	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
5	113985	10090168-01	AN13530	Water	5	E PCB W	CLLE	N/A	1060	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
6	113986	10090168-02	AN13531	Water	6	E PCB W	CLLE	N/A	1060	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
7	113987	10090168-03	AN13532	Water	6	E PCB W	CLLE	N/A	1040	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	
8	113990	10090168-04	AN13533	Water	5	E PCB W	CLLE	N/A	1050	09:15	11:15	NA	NA	09/20	NA	09/20	09/20	10	09/20	

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
Toluene	050254	NA		☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Water Lab)	E49039	NA		☑	☑	☐	☑	☐	☑	☑
Mercury(current)	080314	NA		☑	☑	☐	☑	☐	☑	☑
Dichloromethane	DB342	NA		☑	☑	☐	☑	☐	☑	☑
2 micron Zefluor membrane	T00955	NA		☑	☑	☐	☑	☐	☑	☑
10% Florisil (H2O)	100607F	NA		☑	☑	☐	☑	☐	☑	☑
0.05ppm TCMX/0.5ppm DCBP in Hexan	082610B29P48A	1000	0.05/0.5	☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar) CURRENT	DC129	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 0.5ppm in Hexane	091010B29P62B	1000	0.5	☐	☑	☐	☐	☐	☑	☑

Analyst Review: Evan Place

Peer Review: Kelly Sableski

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0
_EXT - LOGBOOK_GC-SV; Rev 02; 1.18.2010; EXTRACTION

PCB SCREEN SHEET

Batch ID: 11939

Prepared by: Evan Place

NEA Sample ID	Alt Sample ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Dilution Sequence	Final Multiplier	Dilution Analyst
PBLK-38	AN13533B	Water	09/20/10	1000	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
LCS-38	AN13533L	Water	09/20/10	1000	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-04MS	AN13533M	Water	09/20/10	1040	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-04MSD	AN13533K	Water	09/20/10	1040	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-01	AN13530	Water	09/20/10	1060	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-02	AN13531	Water	09/20/10	1060	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-03	AN13532	Water	09/20/10	1040	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello
10090168-04	AN13533	Water	09/20/10	1050	N/A	NA	10	NA	NA	NA	10x	Anthony Maiello

Solvent, Surrogate, Spike, and Acid Information

B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
Toluene	050254	NA		☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Water Lab)	E49039	NA		☑	☑	☐	☑	☐	☑	☑
Mercury(current)	080314	NA		☑	☑	☐	☑	☐	☑	☑
Dichloromethane	DB342	NA		☑	☑	☐	☑	☐	☑	☑
2 micron Zefluor membrane	T00955	NA		☑	☑	☐	☑	☐	☑	☑
10% Florisil (H2O)	100607F	NA		☑	☑	☐	☑	☐	☑	☑
0.05ppm TCMX/0.5ppm DCBP in Hexan	082610B29P48A	1000	0.05/0.5	☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar)	DC129	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 0.5ppm in Hexane	091010B29P62B	1000	0.5	☐	☑	☐	☐	☐	☑	☑

COMMENTS: _____

Print Date: 9/21/2010
Nea Lims Version : 5.0.4.0
-SCREEN_SHEET; Rev 00; 08.01.2006; EXTRACTION

SURROGATE % RECOVERY SUMMARY

2E-1
PCB SURROGATE RECOVERY

Laboratory Name: Northeast Analytical, Inc. SDG: 10090168

ELAP ID No: 11078

GC Column (1): Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

GC Column (2): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC #	SURR 2 (Col 1) % REC #	SURR 1 (Col 2) % REC #	SURR 2 (Col 2) % REC #	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-38	AN13533B	GC23F-440-11	92.8	97.6					0
PBLK-38	AN13533B	GC23B-438-11			96.1	102			0
LCS-38	AN13533L	GC23F-440-12	93.5	96.4					0
LCS-38	AN13533L	GC23B-438-12			94.7	98.8			0
10090168-01	AN13530	GC23F-440-13	88.3	95.9					0
10090168-01	AN13530	GC23B-438-13			90.2	98.3			0
10090168-02	AN13531	GC23F-440-14	95.5	96.6					0
10090168-02	AN13531	GC23B-438-14			96.8	98.2			0
10090168-03	AN13532	GC23F-440-15	93.8	95.4					0
10090168-03	AN13532	GC23B-438-15			93.9	97.0			0
10090168-04	AN13533	GC23F-440-16	91.3	97.3					0
10090168-04	AN13533	GC23B-438-16			91.7	98.7			0
10090168-04MS	AN13533M	GC23F-440-17	96.4	97.8					0
10090168-04MS	AN13533M	GC23B-438-17			96.9	98.6			0
10090168-04MSD	AN13533K	GC23F-440-18	91.1	97.2					0
10090168-04MSD	AN13533K	GC23B-438-18			91.4	97.5			0

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60.0-140)
SURR2 = DECACHLOROBIPHENYL	(60.0-140)

MATRIX SPIKE/MATRIX SPIKE DUPLICATE SUMMARY

3F-1
MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078 SDG No: 10090168

MS LRF ID: 10090168-04MS MSD LRF ID: 10090168-04MSD Sample LRF ID: 10090168-04

MS Lab File ID: GC23F-440-17 MSD Lab File ID: GC23F-440-18 Sample File ID: GC23F-440-16

MS Sample Inj Date: 09/20/2010 21:25:01 MSD Sample Inj Date: 09/20/2010 21:57:42 Sample Inj Date: 09/20/2010 20:52:25

MS Lab Sample ID: AN13533M MSD Lab Sample ID: AN13533K Sample ID: AN13533

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS PERCENT RECOVERY #	QC LIMITS [1] PERCENT RECOVERY
Aroclor 1242	0.481	0.00	0.495	103	(70.0-130)

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD PERCENT RECOVERY #	RPD #	QC LIMITS [1] RPD	REC
Aroclor 1242	0.481	0.478	99.5	3.46	20	(70.0-130)

Column to be used to flag recovery values

* Values outside of QC limits

[1] QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 2 outside limits.

RPD: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP

Nea Lims Version : 5.0.4.0

3F-1
MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078 SDG No: 10090168

MS LRF ID: 10090168-04MS MSD LRF ID: 10090168-04MSD Sample LRF ID: 10090168-04

MS Lab File ID: GC23B-438-17 MSD Lab File ID: GC23B-438-18 Sample File ID: GC23B-438-16

MS Sample Inj Date: 09/20/2010 21:25:05 MSD Sample Inj Date: 09/20/2010 21:57:46 Sample Inj Date: 09/20/2010 20:52:29

MS Lab Sample ID: AN13533M MSD Lab Sample ID: AN13533K Sample ID: AN13533

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS PERCENT RECOVERY #	QC LIMITS [1] PERCENT RECOVERY
Aroclor 1242	0.481	0.00	0.531	111	(70.0-130)

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD PERCENT RECOVERY #	RPD #	QC LIMITS [1] RPD	REC
Aroclor 1242	0.481	0.521	108	2.74	20	(70.0-130)

Column to be used to flag recovery values

* Values outside of QC limits

[1] QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 2 outside limits.

RPD: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP

Nea Lims Version : 5.0.4.0

LABORATORY CONTROL SPIKE SUMMARY

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No:	11078	SDG No:	10090168
LCS ID:	LCS-38	Blank Sample ID:	PBLK-38
LCS File ID:	GC23F-440-12	Method Blank File ID:	GC23F-440-11
LCS Inj Date:	09/20/2010 18:41:56	Method Blank Inj Date:	09/20/2010 18:09:22
LCS NEA ID No:	AN13533L	Method Blank NEA ID No:	AN13533B
LCS Matrix:	Water	Method Blank Matrix:	Water

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	0.500	0.462	92.3	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 5.0.4.0

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078

SDG No: 10090168

LCS ID: LCS-38

Blank Sample ID: PBLK-38

LCS File ID: GC23B-438-12

Method Blank File ID: GC23B-438-11

LCS Inj Date: 09/20/2010 18:42:00

Method Blank Inj Date: 09/20/2010 18:09:26

LCS NEA ID No: AN13533L

Method Blank NEA ID No: AN13533B

LCS Matrix: Water

Method Blank Matrix: Water

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	0.500	0.522	104	70.0-130

Column to be used to flag recovery values

* Values outside of QC limits

[1]QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 5 0 4 0

METHOD BLANK SUMMARY

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Blank Sample ID:	PBLK-38
Matrix:	Water	Method Blank Nea ID No:	AN13533B
Instrument ID:	GC23F	Lab File ID:	GC23F-440-11
Extraction Type:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
GC Column (1):	Agilent J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	09/20/2010
		Time Analyzed:	18:09:22

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-38(LAB CONTROL SPIKE)	AN13533L	GC23F-440-12	09/20/2010 18:41:56
MW-1	AN13530	GC23F-440-13	09/20/2010 19:14:38
MW-101	AN13531	GC23F-440-14	09/20/2010 19:47:14
MW-2	AN13532	GC23F-440-15	09/20/2010 20:19:50
MW-3	AN13533	GC23F-440-16	09/20/2010 20:52:25
MW-3 MS	AN13533M	GC23F-440-17	09/20/2010 21:25:01
MW-3 MSD	AN13533K	GC23F-440-18	09/20/2010 21:57:42

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Blank Sample ID:	PBLK-38
Matrix:	Water	Method Blank Nea ID No:	AN13533B
Instrument ID:	GC23B	Lab File ID:	GC23B-438-11
Extraction Type:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
GC Column (1):	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Date Analyzed:	09/20/2010
		Time Analyzed:	18:09:26

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-38(LAB CONTROL SPIKE)	AN13533L	GC23B-438-12	09/20/2010 18:42:00
MW-1	AN13530	GC23B-438-13	09/20/2010 19:14:42
MW-101	AN13531	GC23B-438-14	09/20/2010 19:47:18
MW-2	AN13532	GC23B-438-15	09/20/2010 20:19:54
MW-3	AN13533	GC23B-438-16	09/20/2010 20:52:29
MW-3 MS	AN13533M	GC23B-438-17	09/20/2010 21:25:05
MW-3 MSD	AN13533K	GC23B-438-18	09/20/2010 21:57:46

SAMPLE ANALYSIS DATA

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-01
Matrix:	Water	Client ID:	MW-1
Sample wt(Dry)/vol:	1060 mL	Lab Sample ID:	AN13530
Percent Moisture:	100	Date Received:	09/16/2010
Extraction:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
Conc. Extract Volume:	10000 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23F-440-13

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23B-438-13

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-02
Matrix:	Water	Client ID:	MW-101
Sample wt(Dry)/vol:	1060 mL	Lab Sample ID:	AN13531
Percent Moisture:	100	Date Received:	09/16/2010
Extraction:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
Conc. Extract Volume:	10000 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23F-440-14

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23B-438-14

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-03
Matrix:	Water	Client ID:	MW-2
Sample wt(Dry)/vol:	1040 mL	Lab Sample ID:	AN13532
Percent Moisture:	100	Date Received:	09/16/2010
Extraction:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
Conc. Extract Volume:	10000 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23F-440-15

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23B-438-15

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Noa Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-04
Matrix:	Water	Client ID:	MW-3
Sample wt(Dry)/vol:	1050 mL	Lab Sample ID:	AN13533
Percent Moisture:	100	Date Received:	09/16/2010
Extraction:	Continuous Liquid-Liquid Extraction	Date Extracted:	09/20/2010
Conc. Extract Volume:	10000 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23F-440-16

Column 2 Information:

GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

Injection Volume: 1.0 uL

Lab File ID: GC23B-438-16

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
1	12674-11-2	Aroclor 1016	0.0500	U
1	11104-28-2	Aroclor 1221	0.0500	U
1	11141-16-5	Aroclor 1232	0.0500	U
1	53469-21-9	Aroclor 1242	0.0500	U
1	12672-29-6	Aroclor 1248	0.0500	U
1	11097-69-1	Aroclor 1254	0.0500	U
1	11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

ANALYTICAL SEQUENCE (GC23F)

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 10090168

ELAP ID No: 11078

Instrument ID: GC23F Init. Calib. Date(s): 07/02/10,07/06/10,07/12/10,07/13/10

GC Column (1): Agilent J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.23 DCBP RT: 26.18

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1242 5 PPB	070142A	GC23F-391-31	07/02/2010 01:48:24		
02	A1242 10 PPB	070142B	GC23F-391-32	07/02/2010 02:21:00		
03	A1242 20 PPB	070142C	GC23F-391-33	07/02/2010 02:53:42		
04	A1242 50 PPB	070142D	GC23F-391-34	07/02/2010 03:26:24		
05	A1242 100 PPB	070142E	GC23F-391-35	07/02/2010 03:59:01		
06	A1248 5 PPB	070148A	GC23F-391-36	07/02/2010 04:31:36		
07	A1248 10 PPB	070148B	GC23F-391-37	07/02/2010 05:04:13		
08	A1248 20 PPB	070148C	GC23F-391-38	07/02/2010 05:36:48		
09	A1248 50 PPB	070148D	GC23F-391-39	07/02/2010 06:09:25		
10	A1248 100 PPB	070148E	GC23F-391-40	07/02/2010 06:42:01		
11	A1260 5 PPB	070160A	GC23F-391-41	07/02/2010 09:57:51		
12	A1260 10 PPB	070160B	GC23F-391-42	07/02/2010 10:30:28		
13	A1260 20 PPB	070160C	GC23F-391-43	07/02/2010 11:03:04		
14	A1260 50 PPB	070160D	GC23F-391-44	07/02/2010 11:35:39		
15	A1260 100 PPB	070160E	GC23F-391-45	07/02/2010 12:08:15		
16	A1232 5 PPB	070632A	GC23F-391-46	07/06/2010 17:51:56		
17	A1232 10 PPB	070632B	GC23F-391-47	07/06/2010 18:24:40		
18	A1232 20 PPB	070632C	GC23F-391-48	07/06/2010 18:57:24		
19	A1232 50 PPB	070632D	GC23F-391-49	07/06/2010 19:30:07		
20	A1232 100 PPB	070632E	GC23F-391-50	07/06/2010 20:02:44		
21	A1016 5 PPB	071216A	GC23F-391-12	07/12/2010 18:29:50		
22	A1016 10 PPB	071216B	GC23F-391-13	07/12/2010 19:02:33		
23	A1016 20 PPB	071216C	GC23F-391-14	07/12/2010 19:35:10		
24	A1016 50 PPB	071216D	GC23F-391-15	07/12/2010 20:07:48		
25	A1016 100 PPB	071216E	GC23F-391-16	07/12/2010 20:40:30		
26	A1221 5 PPB	071221A	GC23F-391-17	07/12/2010 21:13:14		
27	A1221 10 PPB	071221B	GC23F-391-18	07/12/2010 21:45:51		
28	A1221 20 PPB	071221C	GC23F-391-19	07/12/2010 22:18:33		
29	A1221 50 PPB	071221D	GC23F-391-20	07/12/2010 22:51:16		
30	A1221 100 PPB	071221E	GC23F-391-21	07/12/2010 23:23:52		
31	A1254 5 PPB	071254A	GC23F-391-22	07/12/2010 23:56:30	6.23	26.19
32	A1254 10 PPB	071254B	GC23F-391-23	07/13/2010 00:29:12	6.23	26.19
33	A1254 20 PPB	071254C	GC23F-391-24	07/13/2010 01:01:51	6.23	26.18
34	A1254 50 PPB	071254D	GC23F-391-25	07/13/2010 01:34:34	6.22	26.18
35	A1254 100 PPB	071254E	GC23F-391-26	07/13/2010 02:07:17	6.23	26.18
36	A1016 50 PPB	CS160712B	GC23F-391-28	07/13/2010 03:12:43	6.23	26.18
37	A1221 50 PPB	CS210712B	GC23F-391-29	07/13/2010 03:45:18	6.23	26.18
38	A1254 50 PPB	CS540712B	GC23F-391-30	07/13/2010 04:18:01	6.23	26.19

Column used to flag surrogate retention times outside expected range.

FORM VIII-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version 5.0 4 0

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 10090168

ELAP ID No: 11078

Instrument ID: GC23F Init. Calib. Date(s): 07/02/10,07/06/10,07/12/10,07/13/10

GC Column (1): Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.23 DCBP RT: 26.18

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1232 50 PPB	CS320713A	GC23F-391-51	07/13/2010 13:58:37	6.22	26.18
40	A1242 50 PPB	CS420713A	GC23F-391-52	07/13/2010 14:31:14	6.22	26.18
41	A1248 50 PPB	CS480713A	GC23F-391-53	07/13/2010 15:03:57	6.22	26.18
42	A1260 50 PPB	CS600713A	GC23F-391-54	07/13/2010 15:36:39	6.23	26.18
43	A1260 50 PPB	CS600920A	GC23F-440-9	09/20/2010 14:13:44	6.22	26.17
44	PBLK-38(METHOD BLANK)	AN13533B	GC23F-440-11	09/20/2010 18:09:22	6.22	26.19
45	LCS-38(LAB CONTROL SPIKE)	AN13533L	GC23F-440-12	09/20/2010 18:41:56	6.22	26.19
46	MW-1	AN13530	GC23F-440-13	09/20/2010 19:14:38	6.22	26.18
47	MW-101	AN13531	GC23F-440-14	09/20/2010 19:47:14	6.22	26.19
48	MW-2	AN13532	GC23F-440-15	09/20/2010 20:19:50	6.22	26.19
49	MW-3	AN13533	GC23F-440-16	09/20/2010 20:52:25	6.22	26.19
50	MW-3 MS	AN13533M	GC23F-440-17	09/20/2010 21:25:01	6.22	26.20
51	MW-3 MSD	AN13533K	GC23F-440-18	09/20/2010 21:57:42	6.22	26.20
52	A1016 50 PPB	CS160920B	GC23F-440-19	09/20/2010 22:30:17	6.22	26.20

Column used to flag surrogate retention times outside expected range.

INITIAL CALIBRATION DATA (GC23F)

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 10090168
ELAP ID No: 11078
Date(s) Analyzed: 07/02/10,07/06/10,07/12/10,07/13/10
Instrument ID: GC23F
GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC23F-391-12	071216A	5.00	121.576		
	GC23F-391-13	071216B	10.0	111.133		
	GC23F-391-14	071216C	20.0	111.788		
	GC23F-391-15	071216D	50.0	104.356		
	GC23F-391-16	071216E	100	106.893	111.149	5.9
Aroclor 1221	GC23F-391-17	071221A	5.00	26.637		
	GC23F-391-18	071221B	10.0	28.055		
	GC23F-391-19	071221C	20.0	26.653		
	GC23F-391-20	071221D	50.0	28.762		
	GC23F-391-21	071221E	100	26.822	27.386	3.5
Aroclor 1232	GC23F-391-46	070632A	5.00	59.478		
	GC23F-391-47	070632B	10.0	55.061		
	GC23F-391-48	070632C	20.0	55.244		
	GC23F-391-49	070632D	50.0	50.753		
	GC23F-391-50	070632E	100	47.708	53.649	8.4
Aroclor 1242	GC23F-391-31	070142A	5.00	98.467		
	GC23F-391-32	070142B	10.0	103.123		
	GC23F-391-33	070142C	20.0	106.269		
	GC23F-391-34	070142D	50.0	93.897		
	GC23F-391-35	070142E	100	95.056	99.362	5.3
Aroclor 1248	GC23F-391-36	070148A	5.00	123.680		
	GC23F-391-37	070148B	10.0	127.531		
	GC23F-391-38	070148C	20.0	112.043		
	GC23F-391-39	070148D	50.0	99.140		
	GC23F-391-40	070148E	100	101.771	112.833	11
Aroclor 1254	GC23F-391-22	071254A	5.00	176.695		
	GC23F-391-23	071254B	10.0	173.565		
	GC23F-391-24	071254C	20.0	183.028		
	GC23F-391-25	071254D	50.0	171.914		
	GC23F-391-26	071254E	100	163.513	173.743	4.1
Aroclor 1260	GC23F-391-41	070160A	5.00	314.093		
	GC23F-391-42	070160B	10.0	326.313		
	GC23F-391-43	070160C	20.0	295.961		
	GC23F-391-44	070160D	50.0	285.762		
	GC23F-391-45	070160E	100	279.390	300.304	6.5
TCMX	GC23F-391-22	071254A	1.00	759.638		
	GC23F-391-23	071254B	2.50	713.715		
	GC23F-391-24	071254C	4.00	769.967		
	GC23F-391-25	071254D	5.00	722.069		
	GC23F-391-26	071254E	8.00	706.442	734.366	3.9

FORM VI-CLP-PCB(NEA)

Print Date:09/27/2010
Nea Lims Version : 5.0.4.0

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC23F
GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

SDG NO: 10090168
Date(s) Analyzed: 07/02/10,07/06/10,07/12/10,07/13/10

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
DCBP	GC23F-391-22	071254A	10.0	792.162		
	GC23F-391-23	071254B	25.0	772.251		
	GC23F-391-24	071254C	40.0	812.153		
	GC23F-391-25	071254D	50.0	761.534		
	GC23F-391-26	071254E	80.0	722.945	772.209	4.4

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

INITIAL/CONTINUING CALIBRATION DATA (GC23F)

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 10090168
ELAP ID No: 11078
Instrument ID: GC23F
GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC23F-391-28	CS160712B	ICV	50.1	50	0.238	07/13/2010 03:12:43
Aroclor 1221	GC23F-391-29	CS210712B	ICV	50.5	50	1.04	07/13/2010 03:45:18
Aroclor 1254	GC23F-391-30	CS540712B	ICV	53.2	50	6.49	07/13/2010 04:18:01
Aroclor 1232	GC23F-391-51	CS320713A	ICV	50.9	50	1.85	07/13/2010 13:58:37
Aroclor 1242	GC23F-391-52	CS420713A	ICV	45.6	50	-8.88	07/13/2010 14:31:14
Aroclor 1248	GC23F-391-53	CS480713A	ICV	46.9	50	-6.11	07/13/2010 15:03:57
Aroclor 1260	GC23F-391-54	CS600713A	ICV	46.7	50	-6.52	07/13/2010 15:36:39
	GC23F-440-9	CS600920A	CCV	49.0	50	-2.07	09/20/2010 14:13:44
Aroclor 1016	GC23F-440-19	CS160920B	CCV	53.5	50	7.07	09/20/2010 22:30:17

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC23F
GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

SGD NO: 10090168

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC23F-391-28	CS160712B	ICV	1	7.84	7.76	7.92
		CS160712B	ICV	2	8.23	8.15	8.31
		CS160712B	ICV	3	8.87	8.79	8.95
		CS160712B	ICV	4	9.09	9.01	9.17
		CS160712B	ICV	5	9.23	9.15	9.31
Aroclor 1221	GC23F-391-29	CS210712B	ICV	1	4.80	4.72	4.88
		CS210712B	ICV	2	6.07	5.99	6.15
		CS210712B	ICV	3	6.62	6.54	6.70
		CS210712B	ICV	4	6.82	6.74	6.90
		CS210712B	ICV	5	6.94	6.86	7.02
Aroclor 1232	GC23F-391-51	CS320713A	ICV	1	6.93	6.85	7.01
		CS320713A	ICV	2	8.23	8.15	8.31
		CS320713A	ICV	3	8.87	8.79	8.95
		CS320713A	ICV	4	9.08	9.00	9.16
		CS320713A	ICV	5	9.23	9.15	9.31
Aroclor 1242	GC23F-391-52	CS420713A	ICV	1	7.84	7.76	7.92
		CS420713A	ICV	2	8.23	8.15	8.31
		CS420713A	ICV	3	8.87	8.79	8.95
		CS420713A	ICV	4	9.08	9.00	9.16
		CS420713A	ICV	5	9.23	9.15	9.31
Aroclor 1248	GC23F-391-53	CS480713A	ICV	1	9.81	9.73	9.89
		CS480713A	ICV	2	10.48	10.40	10.56
		CS480713A	ICV	3	11.13	11.05	11.21
		CS480713A	ICV	4	11.29	11.21	11.37
		CS480713A	ICV	5	11.70	11.62	11.78
Aroclor 1254	GC23F-391-30	CS540712B	ICV	1	12.02	11.94	12.10
		CS540712B	ICV	2	12.69	12.61	12.77
		CS540712B	ICV	3	12.97	12.89	13.05
		CS540712B	ICV	4	14.47	14.39	14.55
		CS540712B	ICV	5	15.29	15.21	15.37
Aroclor 1260	GC23F-391-54	CS600713A	ICV	1	15.29	15.21	15.37
		CS600713A	ICV	2	17.55	17.47	17.63
		CS600713A	ICV	3	18.48	18.40	18.56
		CS600713A	ICV	4	19.28	19.20	19.36
		CS600713A	ICV	5	21.56	21.48	21.64

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 10090168
ELAP ID No: 11078
Instrument ID: GC23F
GC Column: Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC23F-440-19	CS160920B	CCV	1	7.84	7.76	7.92
		CS160920B	CCV	2	8.23	8.15	8.31
		CS160920B	CCV	3	8.87	8.79	8.95
		CS160920B	CCV	4	9.08	9.01	9.17
		CS160920B	CCV	5	9.23	9.15	9.31
Aroclor 1260	GC23F-440-9	CS600920A	CCV	1	15.28	15.21	15.37
		CS600920A	CCV	2	17.54	17.47	17.63
		CS600920A	CCV	3	18.47	18.40	18.56
		CS600920A	CCV	4	19.27	19.20	19.36
		CS600920A	CCV	5	21.54	21.48	21.64

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

ANALYTICAL SEQUENCE (GC23B)

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 10090168

ELAP ID No: 11078

Instrument ID: GC23B Init. Calib. Date(s): 07/02/10,07/06/10,07/12/10,07/13/10

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.52 DCBP RT: 27.38

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
01	A1242 5 PPB	070142A	GC23B-389-31	07/02/2010 01:48:28		
02	A1242 10 PPB	070142B	GC23B-389-32	07/02/2010 02:21:04		
03	A1242 20 PPB	070142C	GC23B-389-33	07/02/2010 02:53:46		
04	A1242 50 PPB	070142D	GC23B-389-34	07/02/2010 03:26:28		
05	A1242 100 PPB	070142E	GC23B-389-35	07/02/2010 03:59:05		
06	A1248 5 PPB	070148A	GC23B-389-36	07/02/2010 04:31:40		
07	A1248 10 PPB	070148B	GC23B-389-37	07/02/2010 05:04:17		
08	A1248 20 PPB	070148C	GC23B-389-38	07/02/2010 05:36:52		
09	A1248 50 PPB	070148D	GC23B-389-39	07/02/2010 06:09:29		
10	A1248 100 PPB	070148E	GC23B-389-40	07/02/2010 06:42:05		
11	A1260 5 PPB	070160A	GC23B-389-41	07/02/2010 09:57:55		
12	A1260 10 PPB	070160B	GC23B-389-42	07/02/2010 10:30:32		
13	A1260 20 PPB	070160C	GC23B-389-43	07/02/2010 11:03:08		
14	A1260 50 PPB	070160D	GC23B-389-44	07/02/2010 11:35:43		
15	A1260 100 PPB	070160E	GC23B-389-45	07/02/2010 12:08:19		
16	A1232 5 PPB	070632A	GC23B-389-46	07/06/2010 17:52:00		
17	A1232 10 PPB	070632B	GC23B-389-47	07/06/2010 18:24:44		
18	A1232 20 PPB	070632C	GC23B-389-48	07/06/2010 18:57:28		
19	A1232 50 PPB	070632D	GC23B-389-49	07/06/2010 19:30:11		
20	A1232 100 PPB	070632E	GC23B-389-50	07/06/2010 20:02:48		
21	A1016 5 PPB	071216A	GC23B-389-12	07/12/2010 18:29:54		
22	A1016 10 PPB	071216B	GC23B-389-13	07/12/2010 19:02:37		
23	A1016 20 PPB	071216C	GC23B-389-14	07/12/2010 19:35:14		
24	A1016 50 PPB	071216D	GC23B-389-15	07/12/2010 20:07:52		
25	A1016 100 PPB	071216E	GC23B-389-16	07/12/2010 20:40:34		
26	A1221 5 PPB	071221A	GC23B-389-17	07/12/2010 21:13:18		
27	A1221 10 PPB	071221B	GC23B-389-18	07/12/2010 21:45:55		
28	A1221 20 PPB	071221C	GC23B-389-19	07/12/2010 22:18:37		
29	A1221 50 PPB	071221D	GC23B-389-20	07/12/2010 22:51:20		
30	A1221 100 PPB	071221E	GC23B-389-21	07/12/2010 23:23:56		
31	A1254 5 PPB	071254A	GC23B-389-22	07/12/2010 23:56:34	6.53	27.38
32	A1254 10 PPB	071254B	GC23B-389-23	07/13/2010 00:29:16	6.52	27.38
33	A1254 20 PPB	071254C	GC23B-389-24	07/13/2010 01:01:55	6.52	27.38
34	A1254 50 PPB	071254D	GC23B-389-25	07/13/2010 01:34:38	6.52	27.38
35	A1254 100 PPB	071254E	GC23B-389-26	07/13/2010 02:07:21	6.52	27.38
36	A1016 50 PPB	CS160712B	GC23B-389-28	07/13/2010 03:12:47	6.52	27.38
37	A1221 50 PPB	CS210712B	GC23B-389-29	07/13/2010 03:45:22	6.52	27.38
38	A1254 50 PPB	CS540712B	GC23B-389-30	07/13/2010 04:18:05	6.52	27.38

Column used to flag surrogate retention times outside expected range.

FORM VIII-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 10090168

ELAP ID No: 11078

Instrument ID: GC23B Init. Calib. Date(s): 07/02/10,07/06/10,07/12/10,07/13/10

GC Column (1): Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.52 DCBP RT: 27.38

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT # (+/-0.05 min)	DCBP RT # (+/-0.10 min)
39	A1232 50 PPB	CS320713A	GC23B-389-51	07/13/2010 13:58:41	6.52	27.37
40	A1242 50 PPB	CS420713A	GC23B-389-52	07/13/2010 14:31:18	6.52	27.37
41	A1248 50 PPB	CS480713A	GC23B-389-53	07/13/2010 15:04:01	6.52	27.37
42	A1260 50 PPB	CS600713A	GC23B-389-54	07/13/2010 15:36:43	6.53	27.38
43	A1260 50 PPB	CS600920A	GC23B-438-9	09/20/2010 14:13:48	6.51	27.35
44	PBLK-38(METHOD BLANK)	AN13533B	GC23B-438-11	09/20/2010 18:09:26	6.51	27.37
45	LCS-38(LAB CONTROL SPIKE)	AN13533L	GC23B-438-12	09/20/2010 18:42:00	6.51	27.37
46	MW-1	AN13530	GC23B-438-13	09/20/2010 19:14:42	6.51	27.36
47	MW-101	AN13531	GC23B-438-14	09/20/2010 19:47:18	6.51	27.37
48	MW-2	AN13532	GC23B-438-15	09/20/2010 20:19:54	6.51	27.37
49	MW-3	AN13533	GC23B-438-16	09/20/2010 20:52:29	6.51	27.38
50	MW-3 MS	AN13533M	GC23B-438-17	09/20/2010 21:25:05	6.51	27.39
51	MW-3 MSD	AN13533K	GC23B-438-18	09/20/2010 21:57:46	6.51	27.38
52	A1016 50 PPB	CS160920B	GC23B-438-19	09/20/2010 22:30:21	6.51	27.38

Column used to flag surrogate retention times outside expected range.

FORM VIII-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

INITIAL CALIBRATION DATA (GC23B)

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 10090168
ELAP ID No: 11078
Date(s) Analyzed: 07/02/10,07/06/10,07/12/10 07/13/10
Instrument ID: GC23B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC23B-389-12	071216A	5.00	187.344		
	GC23B-389-13	071216B	10.0	169.694		
	GC23B-389-14	071216C	20.0	165.786		
	GC23B-389-15	071216D	50.0	163.913		
	GC23B-389-16	071216E	100	160.216	169.391	6.3
Aroclor 1221	GC23B-389-17	071221A	5.00	45.789		
	GC23B-389-18	071221B	10.0	44.150		
	GC23B-389-19	071221C	20.0	40.551		
	GC23B-389-20	071221D	50.0	40.618		
	GC23B-389-21	071221E	100	40.009	42.224	6.1
Aroclor 1232	GC23B-389-46	070632A	5.00	102.948		
	GC23B-389-47	070632B	10.0	98.231		
	GC23B-389-48	070632C	20.0	83.567		
	GC23B-389-49	070632D	50.0	78.892		
	GC23B-389-50	070632E	100	74.607	87.649	14
Aroclor 1242	GC23B-389-31	070142A	5.00	123.504		
	GC23B-389-32	070142B	10.0	129.340		
	GC23B-389-33	070142C	20.0	124.487		
	GC23B-389-34	070142D	50.0	127.725		
	GC23B-389-35	070142E	100	120.550	125.121	2.8
Aroclor 1248	GC23B-389-36	070148A	5.00	134.940		
	GC23B-389-37	070148B	10.0	143.884		
	GC23B-389-38	070148C	20.0	131.616		
	GC23B-389-39	070148D	50.0	125.433		
	GC23B-389-40	070148E	100	129.462	133.067	5.2
Aroclor 1254	GC23B-389-22	071254A	5.00	230.498		
	GC23B-389-23	071254B	10.0	230.645		
	GC23B-389-24	071254C	20.0	244.628		
	GC23B-389-25	071254D	50.0	231.699		
	GC23B-389-26	071254E	100	225.313	232.556	3.1
Aroclor 1260	GC23B-389-41	070160A	5.00	304.318		
	GC23B-389-42	070160B	10.0	363.827		
	GC23B-389-43	070160C	20.0	339.572		
	GC23B-389-44	070160D	50.0	318.361		
	GC23B-389-45	070160E	100	314.233	328.062	7.2
TCMX	GC23B-389-22	071254A	1.00	935.817		
	GC23B-389-23	071254B	2.50	910.373		
	GC23B-389-24	071254C	4.00	1002.674		
	GC23B-389-25	071254D	5.00	934.558		
	GC23B-389-26	071254E	8.00	908.019	938.288	4.1

FORM VI-CLP-PCB(NEA)

Print Date:09/27/2010
Nea Lims Version : 5.0.4.0

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 10090168
ELAP ID No: 11078
Date(s) Analyzed: 07/02/10,07/06/10,07/12/10,07/13/10
Instrument ID: GC23B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
DCBP	GC23B-389-22	071254A	10.0	932.135		
	GC23B-389-23	071254B	25.0	895.070		
	GC23B-389-24	071254C	40.0	955.999		
	GC23B-389-25	071254D	50.0	880.098		
	GC23B-389-26	071254E	80.0	854.407	903.542	4.5

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

INITIAL/CONTINUING CALIBRATION DATA (GC23B)

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 10090168
ELAP ID No: 11078
Instrument ID: GC23B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC23B-389-28	CS160712B	ICV	48.7	50	-2.54	07/13/2010 03:12:47
Aroclor 1221	GC23B-389-29	CS210712B	ICV	51.9	50	3.84	07/13/2010 03:45:22
Aroclor 1254	GC23B-389-30	CS540712B	ICV	54.3	50	8.70	07/13/2010 04:18:05
Aroclor 1232	GC23B-389-51	CS320713A	ICV	53.6	50	7.14	07/13/2010 13:58:41
Aroclor 1242	GC23B-389-52	CS420713A	ICV	54.4	50	8.88	07/13/2010 14:31:18
Aroclor 1248	GC23B-389-53	CS480713A	ICV	53.1	50	6.20	07/13/2010 15:04:01
Aroclor 1260	GC23B-389-54	CS600713A	ICV	51.4	50	2.79	07/13/2010 15:36:43
	GC23B-438-9	CS600920A	CCV	53.5	50	7.04	09/20/2010 14:13:48
Aroclor 1016	GC23B-438-19	CS160920B	CCV	52.7	50	5.46	09/20/2010 22:30:21

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC23B
GC Column: Phenomenex Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

SGD NO: 10090168

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC23B-389-28	CS160712B	ICV	1	8.15	8.07	8.23
		CS160712B	ICV	2	8.56	8.48	8.64
		CS160712B	ICV	3	9.16	9.08	9.24
		CS160712B	ICV	4	9.39	9.31	9.47
		CS160712B	ICV	5	9.57	9.49	9.65
Aroclor 1221	GC23B-389-29	CS210712B	ICV	1	5.32	5.24	5.40
		CS210712B	ICV	2	6.47	6.39	6.55
		CS210712B	ICV	3	6.96	6.88	7.04
		CS210712B	ICV	4	7.17	7.09	7.25
		CS210712B	ICV	5	7.29	7.21	7.37
Aroclor 1232	GC23B-389-51	CS320713A	ICV	1	7.29	7.21	7.37
		CS320713A	ICV	2	8.55	8.47	8.63
		CS320713A	ICV	3	9.16	9.08	9.24
		CS320713A	ICV	4	9.39	9.31	9.47
		CS320713A	ICV	5	9.58	9.50	9.66
Aroclor 1242	GC23B-389-52	CS420713A	ICV	1	8.14	8.06	8.22
		CS420713A	ICV	2	8.55	8.47	8.63
		CS420713A	ICV	3	9.16	9.08	9.24
		CS420713A	ICV	4	9.39	9.31	9.47
		CS420713A	ICV	5	9.57	9.49	9.65
Aroclor 1248	GC23B-389-53	CS480713A	ICV	1	10.09	10.01	10.17
		CS480713A	ICV	2	10.82	10.74	10.90
		CS480713A	ICV	3	11.43	11.35	11.51
		CS480713A	ICV	4	11.63	11.55	11.71
		CS480713A	ICV	5	12.11	12.03	12.19
Aroclor 1254	GC23B-389-30	CS540712B	ICV	1	12.30	12.22	12.38
		CS540712B	ICV	2	13.07	12.99	13.15
		CS540712B	ICV	3	13.36	13.28	13.44
		CS540712B	ICV	4	14.84	14.76	14.92
		CS540712B	ICV	5	15.71	15.63	15.79
Aroclor 1260	GC23B-389-54	CS600713A	ICV	1	15.70	15.62	15.78
		CS600713A	ICV	2	17.97	17.89	18.05
		CS600713A	ICV	3	19.15	19.07	19.23
		CS600713A	ICV	4	19.80	19.72	19.88
		CS600713A	ICV	5	22.42	22.34	22.50

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC23B
GC Column: Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm

SGD NO: 10090168

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC23B-438-19	CS160920B	CCV	1	8.13	8.07	8.23
		CS160920B	CCV	2	8.54	8.48	8.64
		CS160920B	CCV	3	9.15	9.08	9.24
		CS160920B	CCV	4	9.38	9.31	9.47
		CS160920B	CCV	5	9.56	9.49	9.65
Aroclor 1260	GC23B-438-9	CS600920A	CCV	1	15.69	15.62	15.78
		CS600920A	CCV	2	17.95	17.89	18.05
		CS600920A	CCV	3	19.13	19.07	19.23
		CS600920A	CCV	4	19.78	19.72	19.88
		CS600920A	CCV	5	22.40	22.34	22.50

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

QC SAMPLE RAW DATA

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	PBLK-38
Matrix:	Water	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	1000 mL	Lab Sample ID:	AN13533B
Percent Moisture:	100	Lab File ID:	GC23F-440-11
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.0500	U
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Noa Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	PBLK-38
Matrix:	Water	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	1000 mL	Lab Sample ID:	AN13533B
Percent Moisture:	100	Lab File ID:	GC23B-438-11
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.0500	U
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Noa Lims Version: 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	LCS-38
Matrix:	Water	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	1000 mL	Lab Sample ID:	AN13533L
Percent Moisture:	100	Lab File ID:	GC23F-440-12
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.462	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	LCS-38
Matrix:	Water	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	1000 mL	Lab Sample ID:	AN13533L
Percent Moisture:	100	Lab File ID:	GC23B-438-12
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.522	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Noa Lims Version: 5.0.4.0

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	LCS-38(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-38	Lab Sample ID:	AN13533L
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 6:41:56 PM	Date Analyzed:	09/20/2010 6:42:00 PM
GC Column 1:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-12	Lab File ID 2:	GC23B-438-12
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/L)	RPD (%)	*
Aroclor 1016	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.01	9.17			
		5	9.23	9.15	9.31			
	2	1	8.14	8.07	8.23			
		2	8.55	8.48	8.64			
		3	9.16	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.57	9.49	9.65			
Aroclor 1221	1	1	NA	4.72	4.88			
		2	NA	5.99	6.15			
		3	NA	6.54	6.70			
		4	NA	6.74	6.90			
		5	NA	6.86	7.02			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.88	7.04			
		4	NA	7.09	7.25			
		5	NA	7.21	7.37			
Aroclor 1232	1	1	NA	6.85	7.01			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.00	9.16			
		5	9.23	9.15	9.31			
	2	1	NA	7.21	7.37			
		2	8.55	8.47	8.63			
		3	9.16	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.57	9.50	9.66			
Aroclor 1242	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.00	9.16			
		5	9.23	9.15	9.31	0.462		
	2	1	8.14	8.06	8.22			
		2	8.55	8.47	8.63			
		3	9.16	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.57	9.49	9.65	0.522	12.2	

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Noa Lims Version : 5.0.4.0

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	LCS-38(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-38	Lab Sample ID:	AN13533L
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 6:41:56 PM	Date Analyzed:	09/20/2010 6:42:00 PM
GC Column 1:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-12	Lab File ID 2:	GC23B-438-12
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/L)	RPD (%)	*
				From	To			
Aroclor 1248	1	1	NA	9.73	9.89			
		2	NA	10.40	10.56			
		3	NA	11.05	11.21			
		4	NA	11.21	11.37			
		5	NA	11.62	11.78			
	2	1	NA	10.01	10.17			
		2	NA	10.74	10.90			
		3	NA	11.35	11.51			
		4	NA	11.55	11.71			
		5	NA	12.03	12.19			
Aroclor 1254	1	1	NA	11.94	12.10			
		2	NA	12.61	12.77			
		3	NA	12.89	13.05			
		4	NA	14.39	14.55			
		5	NA	15.21	15.37			
	2	1	NA	12.22	12.38			
		2	NA	12.99	13.15			
		3	NA	13.28	13.44			
		4	NA	14.76	14.92			
		5	NA	15.63	15.79			
Aroclor 1260	1	1	NA	15.21	15.37			
		2	NA	17.47	17.63			
		3	NA	18.40	18.56			
		4	NA	19.20	19.36			
		5	NA	21.48	21.64			
	2	1	NA	15.62	15.78			
		2	NA	17.89	18.05			
		3	NA	19.07	19.23			
		4	NA	19.72	19.88			
		5	NA	22.34	22.50			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-04MS
Matrix:	Water	Client ID:	MW-3 MS
Sample wt(Dry)/vol:	1040 mL	Lab Sample ID:	AN13533M
Percent Moisture:	100	Lab File ID:	GC23F-440-17
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	09/16/2010
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.495	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-04MS
Matrix:	Water	Client ID:	MW-3 MS
Sample wt(Dry)/vol:	1040 mL	Lab Sample ID:	AN13533M
Percent Moisture:	100	Lab File ID:	GC23B-438-17
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	09/16/2010
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.531	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	MW-3 MS
LRF Sample ID:	10090168-04MS	Lab Sample ID:	AN13533M
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 9:25:01 PM	Date Analyzed:	09/20/2010 9:25:05 PM
GC Column 1:	Agilent J&W DB-1 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-17	Lab File ID 2:	GC23B-438-17
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/L)	RPD (%)	*
Aroclor 1016	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.01	9.17			
		5	9.23	9.15	9.31			
	2	1	8.14	8.07	8.23			
		2	8.55	8.48	8.64			
		3	9.16	9.08	9.24			
		4	9.39	9.31	9.47			
		5	9.57	9.49	9.65			
Aroclor 1221	1	1	NA	4.72	4.88			
		2	NA	5.99	6.15			
		3	NA	6.54	6.70			
		4	NA	6.74	6.90			
		5	NA	6.86	7.02			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.88	7.04			
		4	NA	7.09	7.25			
		5	NA	7.21	7.37			
Aroclor 1232	1	1	NA	6.85	7.01			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.00	9.16			
		5	9.23	9.15	9.31			
	2	1	NA	7.21	7.37			
		2	8.55	8.47	8.63			
		3	9.16	9.08	9.24			
		4	9.39	9.31	9.47			
		5	9.57	9.50	9.66			
Aroclor 1242	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.09	9.00	9.16			
		5	9.23	9.15	9.31	0.495		
	2	1	8.14	8.06	8.22			
		2	8.55	8.47	8.63			
		3	9.16	9.08	9.24			
		4	9.39	9.31	9.47			
		5	9.57	9.49	9.65	0.531	7.02	

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5 0 4 0

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	MW-3 MS
LRF Sample ID:	10090168-04MS	Lab Sample ID:	AN13533M
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 9:25:01 PM	Date Analyzed:	09/20/2010 9:25:05 PM
GC Column 1:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-17	Lab File ID 2:	GC23B-438-17
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/L)	RPD (%)	*
Aroclor 1248	1	1	NA	9.73	9.89			
		2	NA	10.40	10.56			
		3	NA	11.05	11.21			
		4	NA	11.21	11.37			
		5	NA	11.62	11.78			
	2	1	NA	10.01	10.17			
		2	NA	10.74	10.90			
		3	NA	11.35	11.51			
		4	NA	11.55	11.71			
		5	NA	12.03	12.19			
Aroclor 1254	1	1	NA	11.94	12.10			
		2	NA	12.61	12.77			
		3	NA	12.89	13.05			
		4	NA	14.39	14.55			
		5	NA	15.21	15.37			
	2	1	NA	12.22	12.38			
		2	NA	12.99	13.15			
		3	NA	13.28	13.44			
		4	NA	14.76	14.92			
		5	NA	15.63	15.79			
Aroclor 1260	1	1	NA	15.21	15.37			
		2	NA	17.47	17.63			
		3	NA	18.40	18.56			
		4	NA	19.20	19.36			
		5	NA	21.48	21.64			
	2	1	NA	15.62	15.78			
		2	NA	17.89	18.05			
		3	NA	19.07	19.23			
		4	NA	19.72	19.88			
		5	NA	22.34	22.50			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5 0 4 0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-04MSD
Matrix:	Water	Client ID:	MW-3 MSD
Sample wt(Dry)/vol:	1040 mL	Lab Sample ID:	AN13533K
Percent Moisture:	100	Lab File ID:	GC23F-440-18
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	09/16/2010
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.478	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Noa Lims Version : 5.0.4.0

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	LRF ID:	10090168-04MSD
Matrix:	Water	Client ID:	MW-3 MSD
Sample wt(Dry)/vol:	1040 mL	Lab Sample ID:	AN13533K
Percent Moisture:	100	Lab File ID:	GC23B-438-18
Extraction:	Continuous Liquid-Liquid Extraction	Date Received:	09/16/2010
Conc. Extract Volume:	10000 uL	Date Extracted:	09/20/2010
Injection Volume:	1.0 uL	Date Analyzed:	09/20/2010
Method:	SW-846 Method 8082	Dilution Factor:	1
GC Column:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/L	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.521	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 09/27/2010
Nea Lims Version 5.0.4.0

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	MW-3 MSD
LRF Sample ID:	10090168-04MSD	Lab Sample ID:	AN13533K
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 9:57:42 PM	Date Analyzed:	09/20/2010 9:57:46 PM
GC Column 1:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-18	Lab File ID 2:	GC23B-438-18
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/L)	RPD (%)	*
Aroclor 1016	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.08	9.01	9.17			
		5	9.23	9.15	9.31			
	2	1	8.14	8.07	8.23			
		2	8.55	8.48	8.64			
		3	9.15	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.56	9.49	9.65			
Aroclor 1221	1	1	NA	4.72	4.88			
		2	NA	5.99	6.15			
		3	NA	6.54	6.70			
		4	NA	6.74	6.90			
		5	NA	6.86	7.02			
	2	1	NA	5.24	5.40			
		2	NA	6.39	6.55			
		3	NA	6.88	7.04			
		4	NA	7.09	7.25			
		5	NA	7.21	7.37			
Aroclor 1232	1	1	NA	6.85	7.01			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.08	9.00	9.16			
		5	9.23	9.15	9.31			
	2	1	NA	7.21	7.37			
		2	8.55	8.47	8.63			
		3	9.15	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.56	9.50	9.66			
Aroclor 1242	1	1	7.84	7.76	7.92			
		2	8.23	8.15	8.31			
		3	8.87	8.79	8.95			
		4	9.08	9.00	9.16			
		5	9.23	9.15	9.31	0.478		
	2	1	8.14	8.06	8.22			
		2	8.55	8.47	8.63			
		3	9.15	9.08	9.24			
		4	9.38	9.31	9.47			
		5	9.56	9.49	9.65	0.521	8.61	

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	10090168
ELAP ID No:	11078	Client ID:	MW-3 MSD
LRF Sample ID:	10090168-04MSD	Lab Sample ID:	AN13533K
Instrument 1 ID:	GC23F	Instrument 2 ID:	GC23B
Date Analyzed:	09/20/2010 9:57:42 PM	Date Analyzed:	09/20/2010 9:57:46 PM
GC Column 1:	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm	GC Column 2:	Phenomenex, Zebron ZB-5, 30 m, 0.25 mm ID, 0.25 µm
Lab File ID 1:	GC23F-440-18	Lab File ID 2:	GC23B-438-18
Matrix:	Water		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/L)	RPD (%)	*
Aroclor 1248	1	1	NA	9.73	9.89			
		2	NA	10.40	10.56			
		3	NA	11.05	11.21			
		4	NA	11.21	11.37			
		5	NA	11.62	11.78			
	2	1	NA	10.01	10.17			
		2	NA	10.74	10.90			
		3	NA	11.35	11.51			
		4	NA	11.55	11.71			
		5	NA	12.03	12.19			
Aroclor 1254	1	1	NA	11.94	12.10			
		2	NA	12.61	12.77			
		3	NA	12.89	13.05			
		4	NA	14.39	14.55			
		5	NA	15.21	15.37			
	2	1	NA	12.22	12.38			
		2	NA	12.99	13.15			
		3	NA	13.28	13.44			
		4	NA	14.76	14.92			
		5	NA	15.63	15.79			
Aroclor 1260	1	1	NA	15.21	15.37			
		2	NA	17.47	17.63			
		3	NA	18.40	18.56			
		4	NA	19.20	19.36			
		5	NA	21.48	21.64			
	2	1	NA	15.62	15.78			
		2	NA	17.89	18.05			
		3	NA	19.07	19.23			
		4	NA	19.72	19.88			
		5	NA	22.34	22.50			

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 09/27/2010
Nea Lims Version : 5.0.4.0