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

November 9, 2010

Frank Ricciardi
Weston & Sampson Engineers MA
5 Centennial Drive
Peabody, MA 01960

Project Location: Medfield State Hospital - C+D Area
Client Job Number:
Project Number: 2100014.C
Laboratory Work Order Number: 10K0100

Enclosed are results of analyses for samples received by the laboratory on November 2, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

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

Weston & Sampson Engineers MA
5 Centennial Drive
Peabody, MA 01960
ATTN: Frank Ricciardi

REPORT DATE: 11/9/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2100014.C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10K0100

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

PROJECT LOCATION: Medfield State Hospital - C+D Area

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
CD-MW-5	10K0100-01	Ground Water		SW-846 8260B	
CD-MW-2	10K0100-02	Ground Water		SW-846 8260B	
CD-MW-103	10K0100-03	Ground Water		SW-846 8260B	
CD-MW-1	10K0100-04	Ground Water		SW-846 8260B	
DUP-1	10K0100-05	Ground Water		SW-846 8260B	
CD-MW-104	10K0100-06	Ground Water		SW-846 8260B	
CD-MW-4	10K0100-07	Ground Water		SW-846 8260B	
Trip Blank	10K0100-08	Trip Blank Water		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.

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SW-846 8260B

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

B021751-BS1, B021751-BSD1

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:

Methylene Chloride

10K0100-01[CD-MW-5], 10K0100-02[CD-MW-2], 10K0100-03[CD-MW-103], 10K0100-04[CD-MW-1], 10K0100-05[DUP-1], 10K0100-06[CD-MW-104], 10K0100-07[CD-MW-4], 10K0100-08[Trip Blank], B021751-BLK1, B021751-BS1, B021751-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Bromochloromethane

B021751-BS1

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:

1,4-Dioxane, Chloromethane

B021751-BS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Chloromethane

10K0100-01[CD-MW-5], 10K0100-02[CD-MW-2], 10K0100-03[CD-MW-103], 10K0100-04[CD-MW-1], 10K0100-05[DUP-1], 10K0100-06[CD-MW-104], 10K0100-07[CD-MW-4], 10K0100-08[Trip Blank], B021751-BLK1, B021751-BS1, B021751-BSD1

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

Analyte & Samples(s) Qualified:

Methylene Chloride

10K0100-01[CD-MW-5], 10K0100-02[CD-MW-2], 10K0100-03[CD-MW-103], 10K0100-04[CD-MW-1], 10K0100-05[DUP-1], 10K0100-06[CD-MW-104], 10K0100-07[CD-MW-4], 10K0100-08[Trip Blank], B021751-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:

Bromochloromethane, Bromomethane, Chloromethane, Diisopropyl Ether (DIPE), Methylene Chloride, Tetrahydrofuran

10K0100-01[CD-MW-5], 10K0100-02[CD-MW-2], 10K0100-03[CD-MW-103], 10K0100-04[CD-MW-1], 10K0100-05[DUP-1], 10K0100-06[CD-MW-104], 10K0100-07[CD-MW-4], 10K0100-08[Trip Blank], B021751-BLK1, B021751-BS1, B021751-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

10K0100-01[CD-MW-5], 10K0100-02[CD-MW-2], 10K0100-03[CD-MW-103], 10K0100-04[CD-MW-1], 10K0100-05[DUP-1], 10K0100-06[CD-MW-104], 10K0100-07[CD-MW-4], 10K0100-08[Trip Blank], B021751-BLK1, B021751-BS1, B021751-BSD1

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Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Isopropylbenzene (Cumene)

B021751-BS1, B021751-BSD1

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.

Daren J. Damboragian
Laboratory Manager

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-5 Sampled: 11/2/2010 10:10

Sample ID: 10K0100-01

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	11/4/10	11/4/10 15:45	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-5 Sampled: 11/2/2010 10:10

Sample ID: 10K0100-01

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	11/4/10	11/4/10 15:45	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 15:45	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.4	70-130		11/4/10 15:45
Toluene-d8	97.4	70-130		11/4/10 15:45
4-Bromofluorobenzene	96.6	70-130		11/4/10 15:45

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-2 Sampled: 11/2/2010 11:00

Sample ID: 10K0100-02

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	11/4/10	11/4/10 16:10	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-2 Sampled: 11/2/2010 11:00

Sample ID: 10K0100-02

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	11/4/10	11/4/10 16:10	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:10	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.2	70-130		11/4/10 16:10
Toluene-d8	97.1	70-130		11/4/10 16:10
4-Bromofluorobenzene	95.8	70-130		11/4/10 16:10

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-103 Sampled: 11/2/2010 11:40

Sample ID: 10K0100-03

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	11/4/10	11/4/10 16:36	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-103 Sampled: 11/2/2010 11:40

Sample ID: 10K0100-03

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	11/4/10	11/4/10 16:36	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Tetrachloroethylene	1.3	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 16:36	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.6	70-130		11/4/10 16:36
Toluene-d8	99.0	70-130		11/4/10 16:36
4-Bromofluorobenzene	94.7	70-130		11/4/10 16:36

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-1 Sampled: 11/2/2010 12:40

Sample ID: 10K0100-04

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	11/4/10	11/4/10 17:02	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-1 Sampled: 11/2/2010 12:40

Sample ID: 10K0100-04

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	11/4/10	11/4/10 17:02	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:02	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.8	70-130		11/4/10 17:02
Toluene-d8	98.6	70-130		11/4/10 17:02
4-Bromofluorobenzene	97.1	70-130		11/4/10 17:02

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: DUP-1 Sampled: 11/2/2010 00:00

Sample ID: 10K0100-05

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	11/4/10	11/4/10 17:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: DUP-1 Sampled: 11/2/2010 00:00

Sample ID: 10K0100-05

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	11/4/10	11/4/10 17:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.7	70-130		11/4/10 17:28
Toluene-d8	98.2	70-130		11/4/10 17:28
4-Bromofluorobenzene	96.9	70-130		11/4/10 17:28

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-104 Sampled: 11/2/2010 13:20

Sample ID: 10K0100-06

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	11/4/10	11/4/10 17:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-104 Sampled: 11/2/2010 13:20

Sample ID: 10K0100-06

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	11/4/10	11/4/10 17:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, RL-07, V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 17:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.6	70-130		11/4/10 17:54
Toluene-d8	97.1	70-130		11/4/10 17:54
4-Bromofluorobenzene	95.2	70-130		11/4/10 17:54

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-4 Sampled: 11/2/2010 14:10

Sample ID: 10K0100-07

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	11/4/10	11/4/10 18:20	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: CD-MW-4 Sampled: 11/2/2010 14:10

Sample ID: 10K0100-07

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	11/4/10	11/4/10 18:20	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07, V-05, L-04	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 18:20	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.1	70-130		11/4/10 18:20
Toluene-d8	96.8	70-130		11/4/10 18:20
4-Bromofluorobenzene	97.5	70-130		11/4/10 18:20

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: Trip Blank Sampled: 11/2/2010 00:00

Sample ID: 10K0100-08

Sample Matrix: Trip Blank 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	11/4/10	11/4/10 13:35	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Chloromethane	ND	2.0	µg/L	1	R-05, V-05	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,4-Dioxane	ND	50	µg/L	1	R-05, V-16	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Medfield State Hospital - C+D Ar Sample Description: Work Order: 10K0100

Date Received: 11/2/2010

Field Sample #: Trip Blank Sampled: 11/2/2010 00:00

Sample ID: 10K0100-08

Sample Matrix: Trip Blank 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	11/4/10	11/4/10 13:35	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Methylene Chloride	ND	5.0	µg/L	1	V-05, L-04, RL-07	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Tetrahydrofuran	ND	2.0	µg/L	1	V-05	SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	11/4/10	11/4/10 13:35	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.6	70-130		11/4/10 13:35
Toluene-d8	96.1	70-130		11/4/10 13:35
4-Bromofluorobenzene	97.3	70-130		11/4/10 13:35

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10K0100-01 [CD-MW-5]	B021751	5	5.00	11/04/10
10K0100-02 [CD-MW-2]	B021751	5	5.00	11/04/10
10K0100-03 [CD-MW-103]	B021751	5	5.00	11/04/10
10K0100-04 [CD-MW-1]	B021751	5	5.00	11/04/10
10K0100-05 [DUP-1]	B021751	5	5.00	11/04/10
10K0100-06 [CD-MW-104]	B021751	5	5.00	11/04/10
10K0100-07 [CD-MW-4]	B021751	5	5.00	11/04/10
10K0100-08 [Trip Blank]	B021751	5	5.00	11/04/10

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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 B021751 - SW-846 5030B										
Blank (B021751-BLK1)				Prepared & Analyzed: 11/04/10						
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							V-05
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
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	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							R-05, 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							
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							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							V-05
1,4-Dioxane	ND	50	µg/L							R-05, 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							L-04, RL-07, V-05
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 B021751 - SW-846 5030B												
Blank (B021751-BLK1)				Prepared & Analyzed: 11/04/10								
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	*22.6*		µg/L	25.0		90.2		70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.3		70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.5		70-130				
LCS (B021751-BS1)				Prepared & Analyzed: 11/04/10								
Acetone	100	10	µg/L	100		100		40-160				†
tert-Amyl Methyl Ether (TAME)	8.82	0.50	µg/L	10.0		88.2		70-130				
Benzene	8.03	1.0	µg/L	10.0		80.3		70-130				
Bromobenzene	10.2	1.0	µg/L	10.0		102		70-130				
Bromochloromethane	6.83	1.0	µg/L	10.0		**68.3**	*	70-130			L-07, V-05	
Bromodichloromethane	9.59	1.0	µg/L	10.0		95.9		70-130				
Bromoform	9.93	1.0	µg/L	10.0		99.3		70-130				
Bromomethane	7.35	2.0	µg/L	10.0		73.5		40-160			V-05	†
2-Butanone (MEK)	82.8	10	µg/L	100		82.8		40-160				†
n-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130				
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
tert-Butylbenzene	11.5	1.0	µg/L	10.0		115		70-130				
tert-Butyl Ethyl Ether (TBEE)	8.51	0.50	µg/L	10.0		85.1		70-130				
Carbon Disulfide	10.6	2.0	µg/L	10.0		106		70-130				
Carbon Tetrachloride	9.35	1.0	µg/L	10.0		93.5		70-130				
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130				
Chlorodibromomethane	10.1	0.50	µg/L	10.0		101		70-130				
Chloroethane	10.2	2.0	µg/L	10.0		102		70-130				
Chloroform	8.10	2.0	µg/L	10.0		81.0		70-130				
Chloromethane	5.79	2.0	µg/L	10.0		57.9		40-160			L-14, R-05, V-05	†
2-Chlorotoluene	10.6	1.0	µg/L	10.0		106		70-130				
4-Chlorotoluene	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.5	2.0	µg/L	10.0		105		70-130				
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102		70-130				
Dibromomethane	9.31	1.0	µg/L	10.0		93.1		70-130				
1,2-Dichlorobenzene	11.2	1.0	µg/L	10.0		112		70-130				
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114		70-130				
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		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 B021751 - SW-846 5030B												
LCS (B021751-BS1)				Prepared & Analyzed: 11/04/10								
Dichlorodifluoromethane (Freon 12)	17.0	2.0	µg/L	10.0		**170**	*	40-160			V-20, L-02	†
1,1-Dichloroethane	8.38	1.0	µg/L	10.0		83.8		70-130				
1,2-Dichloroethane	9.09	1.0	µg/L	10.0		90.9		70-130				
1,1-Dichloroethylene	7.99	1.0	µg/L	10.0		79.9		70-130				
cis-1,2-Dichloroethylene	8.00	1.0	µg/L	10.0		80.0		70-130				
trans-1,2-Dichloroethylene	9.18	1.0	µg/L	10.0		91.8		70-130				
1,2-Dichloropropane	8.46	1.0	µg/L	10.0		84.6		70-130				
1,3-Dichloropropane	9.85	0.50	µg/L	10.0		98.5		70-130				
2,2-Dichloropropane	9.73	1.0	µg/L	10.0		97.3		70-130				
1,1-Dichloropropene	8.83	2.0	µg/L	10.0		88.3		70-130				
cis-1,3-Dichloropropene	9.17	0.50	µg/L	10.0		91.7		70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130				
Diethyl Ether	8.40	2.0	µg/L	10.0		84.0		70-130				
Diisopropyl Ether (DIPE)	7.45	0.50	µg/L	10.0		74.5		70-130			V-05	
1,4-Dioxane	132	50	µg/L	100		132		40-160			L-14, R-05, V-16, V-20	†
Ethylbenzene	10.9	1.0	µg/L	10.0		109		70-130				
Hexachlorobutadiene	12.4	0.50	µg/L	10.0		124		70-130			V-20	
2-Hexanone (MBK)	82.0	10	µg/L	100		82.0		40-160				†
Isopropylbenzene (Cumene)	12.9	1.0	µg/L	10.0		129		70-130			V-20	
p-Isopropyltoluene (p-Cymene)	11.5	1.0	µg/L	10.0		115		70-130				
Methyl tert-Butyl Ether (MTBE)	9.68	1.0	µg/L	10.0		96.8		70-130				
Methylene Chloride	5.86	5.0	µg/L	10.0		**58.6**	*	70-130			L-04, V-05	
4-Methyl-2-pentanone (MIBK)	82.3	10	µg/L	100		82.3		40-160				†
Naphthalene	10.1	2.0	µg/L	10.0		101		70-130				
n-Propylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Styrene	10.5	1.0	µg/L	10.0		105		70-130				
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111		70-130				
1,1,2,2-Tetrachloroethane	9.88	0.50	µg/L	10.0		98.8		70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Tetrahydrofuran	7.62	2.0	µg/L	10.0		76.2		70-130			V-05	
Toluene	9.47	1.0	µg/L	10.0		94.7		70-130				
1,2,3-Trichlorobenzene	10.8	2.0	µg/L	10.0		108		70-130				
1,2,4-Trichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,1,1-Trichloroethane	9.32	1.0	µg/L	10.0		93.2		70-130				
1,1,2-Trichloroethane	9.85	1.0	µg/L	10.0		98.5		70-130				
Trichloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
Trichlorofluoromethane (Freon 11)	9.98	2.0	µg/L	10.0		99.8		70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101		70-130				
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
1,3,5-Trimethylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
Vinyl Chloride	10.3	2.0	µg/L	10.0		103		70-130				
m+p Xylene	22.4	2.0	µg/L	20.0		112		70-130				
o-Xylene	11.1	1.0	µg/L	10.0		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*22.7*		µg/L	25.0		90.8		70-130				
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.6		70-130				
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		96.0		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 B021751 - SW-846 5030B													
LCS Dup (B021751-BSD1)				Prepared & Analyzed: 11/04/10									
Acetone	101	10	µg/L	100		101		40-160	1.24		20		†
tert-Amyl Methyl Ether (TAME)	8.94	0.50	µg/L	10.0		89.4		70-130	1.35		20		
Benzene	8.21	1.0	µg/L	10.0		82.1		70-130	2.22		20		
Bromobenzene	9.91	1.0	µg/L	10.0		99.1		70-130	2.79		20		
Bromochloromethane	7.07	1.0	µg/L	10.0		70.7		70-130	3.45		20	V-05	
Bromodichloromethane	9.49	1.0	µg/L	10.0		94.9		70-130	1.05		20		
Bromoform	9.74	1.0	µg/L	10.0		97.4		70-130	1.93		20		
Bromomethane	8.13	2.0	µg/L	10.0		81.3		40-160	10.1		20	V-05	†
2-Butanone (MEK)	83.6	10	µg/L	100		83.6		40-160	0.865		20		†
n-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	2.43		20		
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130	2.74		20		
tert-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130	3.71		20		
tert-Butyl Ethyl Ether (TBEE)	8.27	0.50	µg/L	10.0		82.7		70-130	2.86		20		
Carbon Disulfide	10.4	2.0	µg/L	10.0		104		70-130	2.10		20		
Carbon Tetrachloride	9.26	1.0	µg/L	10.0		92.6		70-130	0.967		20		
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	0.185		20		
Chlorodibromomethane	10.1	0.50	µg/L	10.0		101		70-130	0.00		20		
Chloroethane	10.7	2.0	µg/L	10.0		107		70-130	5.06		20		
Chloroform	8.39	2.0	µg/L	10.0		83.9		70-130	3.52		20		
Chloromethane	11.6	2.0	µg/L	10.0		116		40-160	**66.6**	*	20	R-05, V-05	†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104		70-130	1.71		20		
4-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130	1.44		20		
1,2-Dibromo-3-chloropropane (DBCP)	9.93	2.0	µg/L	10.0		99.3		70-130	5.68		20		
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0		100		70-130	1.49		20		
Dibromomethane	9.30	1.0	µg/L	10.0		93.0		70-130	0.107		20		
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110		70-130	1.70		20		
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130	0.696		20		
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130	0.181		20		
Dichlorodifluoromethane (Freon 12)	16.8	2.0	µg/L	10.0		**168**	*	40-160	1.36		20	L-02, V-20	†
1,1-Dichloroethane	8.20	1.0	µg/L	10.0		82.0		70-130	2.17		20		
1,2-Dichloroethane	9.06	1.0	µg/L	10.0		90.6		70-130	0.331		20		
1,1-Dichloroethylene	8.59	1.0	µg/L	10.0		85.9		70-130	7.24		20		
cis-1,2-Dichloroethylene	7.89	1.0	µg/L	10.0		78.9		70-130	1.38		20		
trans-1,2-Dichloroethylene	8.58	1.0	µg/L	10.0		85.8		70-130	6.76		20		
1,2-Dichloropropane	8.26	1.0	µg/L	10.0		82.6		70-130	2.39		20		
1,3-Dichloropropane	9.50	0.50	µg/L	10.0		95.0		70-130	3.62		20		
2,2-Dichloropropane	9.68	1.0	µg/L	10.0		96.8		70-130	0.515		20		
1,1-Dichloropropene	8.25	2.0	µg/L	10.0		82.5		70-130	6.79		20		
cis-1,3-Dichloropropene	8.96	0.50	µg/L	10.0		89.6		70-130	2.32		20		
trans-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102		70-130	3.64		20		
Diethyl Ether	8.96	2.0	µg/L	10.0		89.6		70-130	6.45		20		
Diisopropyl Ether (DIPE)	7.18	0.50	µg/L	10.0		71.8		70-130	3.69		20	V-05	
1,4-Dioxane	107	50	µg/L	100		107		40-160	**20.4**	*	20	R-05, V-16, V-20	†
Ethylbenzene	10.6	1.0	µg/L	10.0		106		70-130	2.23		20		
Hexachlorobutadiene	12.3	0.50	µg/L	10.0		123		70-130	1.37		20	V-20	
2-Hexanone (MBK)	80.7	10	µg/L	100		80.7		40-160	1.51		20		†
Isopropylbenzene (Cumene)	12.8	1.0	µg/L	10.0		128		70-130	0.545		20	V-20	
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0		112		70-130	2.38		20		
Methyl tert-Butyl Ether (MTBE)	9.58	1.0	µg/L	10.0		95.8		70-130	1.04		20		
Methylene Chloride	6.13	5.0	µg/L	10.0		**61.3**	*	70-130	4.50		20	L-04, V-05	
4-Methyl-2-pentanone (MIBK)	80.5	10	µg/L	100		80.5		40-160	2.21		20		†
Naphthalene	10.3	2.0	µg/L	10.0		103		70-130	1.66		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 B021751 - SW-846 5030B										
LCS Dup (B021751-BSD1)				Prepared & Analyzed: 11/04/10						
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130	0.359	20	
Styrene	9.98	1.0	µg/L	10.0		99.8	70-130	4.79	20	
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130	1.36	20	
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130	2.70	20	
Tetrachloroethylene	10.3	1.0	µg/L	10.0		103	70-130	11.2	20	
Tetrahydrofuran	7.19	2.0	µg/L	10.0		71.9	70-130	5.81	20	V-05
Toluene	9.28	1.0	µg/L	10.0		92.8	70-130	2.03	20	
1,2,3-Trichlorobenzene	10.7	2.0	µg/L	10.0		107	70-130	0.560	20	
1,2,4-Trichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	1.31	20	
1,1,1-Trichloroethane	8.98	1.0	µg/L	10.0		89.8	70-130	3.72	20	
1,1,2-Trichloroethane	9.69	1.0	µg/L	10.0		96.9	70-130	1.64	20	
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	6.90	20	
Trichlorofluoromethane (Freon 11)	9.67	2.0	µg/L	10.0		96.7	70-130	3.16	20	
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102	70-130	1.18	20	
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130	2.59	20	
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.0		113	70-130	2.05	20	
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	70-130	2.65	20	
m+p Xylene	22.1	2.0	µg/L	20.0		111	70-130	0.989	20	
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	2.10	20	
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.5	70-130			
Surrogate: Toluene-d8	*23.6*		µg/L	25.0		94.6	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established 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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
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.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
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

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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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

10K0100

39 Spruce Street
East longmeadow, MA 01028

Page 1 of

Company Name: Weston + Sampson
Address: 5 Centennial Drive
Peabody, MA 01960
Attention: Frank Ricciardi
Project Location: Medfield, MA C+D Area
Sampled By: Mario Rodriguez

Telephone: (978)532-1900
Project #: 2100014.C
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ○ WEBSITE
Fax #:
Email: ricciarf@wseinc.com
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

ANALYSIS REQUESTED: VOCs 8260 (3 H V)

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 8260
-01	CD-MW-5	11-2-10 1010	—		✓	GW		✓
-02	CD-MW-2	11-2-10 1100	—		✓	GW		✓
-03	CD-MW-103	11-2-10 1140	—		✓	GW		✓
-04	CD-MW-1	11-2-10 1240	—		✓	GW		✓
-05	DOP-1	11-2-10 —	—		✓	GW		✓
-06	CD-MW-104	11-2-10 1320	—		✓	GW		✓
-07	CD-MW-4	11-2-10 1410	—		✓	GW		✓
-08	Trip Blanks	—	—		—	LW		✓

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: 11-2-10 1420
Received by: (signature) [signature] 11/2/10	Date/Time: 1645
Relinquished by: (signature) [signature] 11/2/10	Date/Time: 2200
Received by: (signature) [signature] 4.4°C 11/2/10	Date/Time: 2200

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____

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

Detection Limit Requirements
Massachusetts: GW-1
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

# 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 _____

†† 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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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: Weston + Sampson RECEIVED BY: CJB DATE: 11/2/10

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 4.4°C

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		Air Cassette	
40 mL Vial - type listed below	24	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:

0 mL vials: # HCl 24 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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

o all samples have the proper Base pH: Yes No (N/A) _____

June 2010

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	Con-Test Analytical Laboratory	Project #:	10K0100
Project Location:	Medfield State Hospital - C+D Area	RTN:	

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

10K0100-01 thru 10K0100-08

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	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 ( )	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: _____ Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 11/09/10