July 16, 2012

Mr. Don Russell
Solid Waste Office
P. O. Box 179
Raeford, NC 28376

RE: Monitoring Well Test Results
For 06/27/2012 Sampling Event
Hoke County Landfill
Permit No. 47-01

Dear Mr. Russell:

Submitted are the test results for the water sampled from the five (5) wells and three (3) surface water samples at the Hoke County Landfill. The sampling was conducted on June 27, 2012. The test results for each well and surface water sample are summarized in Table 1 in Attachment A. Attachment B contains the test results as submitted by Con-Test Analytical Laboratories.

Prior to sampling each well, the water level depth was determined in reference to the top of the well casing. Teflon disposable bailers attached to nylon rope were used for purging and sampling water from the wells. A new bailer and rope were used for each well. The wells were purged of at least three times the volume of static water in the well, prior to sampling. The wells were immediately sampled after purging.

Surface water samples were collected by dipping the container beneath the water surface and then opening the container, to allow for water collection. The collected samples were placed on ice for transportation to the laboratory. Temperature, pH conductivity and Total Suspended Solids were determined in the field with the Hanna water test instrument.

Table 1, Attachment A, summarizes the test results and the analytical laboratory report and chain of custody are provided in Attachment B.

We appreciate serving Hoke County on the well and surface water sampling and testing. Please contact us if you have any questions concerning the test results.

Sincerely,

T. Patrick Shillington, P.E.
President

Robert W. Brantly, E.I.
Project Engineer

Attachment A: Table
Attachment B: Analytical Test Results

ATTACHMENT A:
Table

ATTACHMENT B:
Analytical Test Results

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

July 10, 2012

Pat Shillington
E2S
3008 Anderson Drive, Suite 102
Raleigh, NC 27609

Project Location: Hoke
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12F1028

Enclosed are results of analyses for samples received by the laboratory on June 28, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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

E2S
3008 Anderson Drive, Suite 102
Raleigh, NC 27609
ATTN: Pat Shillington

REPORT DATE: 7/10/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F1028

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

PROJECT LOCATION: Hoke

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	12F1028-01	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
MW-2	12F1028-02	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
MW-3	12F1028-03	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
MW-5	12F1028-04	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
MW-6	12F1028-05	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
US	12F1028-06	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
MS	12F1028-07	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
DS	12F1028-08	Ground Water		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	

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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 metals analysis, samples were filtered past the recommended holding time for method 3030C preparation.

SW-846 8260C

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:

1,1-Dichloroethane, 1,2-Dichloroethane

B054546-BS1, B054546-BSD1

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:

Bromomethane

B054546-BS1, B054546-BSD1

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 individuals 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: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-1 | Sampled: 6/27/2012 12:30

Sample ID: 12F1028-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	1.1	50	0.54	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Benzene	0.34	1.0	0.050	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Carbon Disulfide	ND	2.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Chlorobenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2-Dichlorobenzene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,4-Dichlorobenzene	0.28	1.0	0.11	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1-Dichloroethane	0.65	1.0	0.090	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
cis-1,2-Dichloroethylene	0.27	1.0	0.050	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Tetrachloroethylene	0.26	1.0	0.14	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Trichloroethylene	0.26	1.0	0.12	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-1 | Sampled: 6/27/2012 12:30

Sample ID: 12F1028-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:14	TJR
Vinyl Chloride	0.40	2.0	0.16	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
m+p Xylene	0.21	2.0	0.070	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR
o-Xylene	0.14	1.0	0.050	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:14	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	114	70-130		7/6/12 15:14
Toluene-d8	101	70-130		7/6/12 15:14
4-Bromofluorobenzene	93.6	70-130		7/6/12 15:14

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

Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-1
Sampled: 6/27/2012 12:30

Sample ID: 12F1028-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:16	KSH
Barium	39	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:16	KSH
Cadmium	0.064	1.0	0.058	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:16	KSH
Chromium	6.1	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:25	KSH
Lead	0.28	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:16	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:22	SAJ
Selenium	ND	10	1.1	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:16	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:16	KSH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-2 | Sampled: 6/27/2012 13:00

Sample ID: 12F1028-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.5	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Benzene	1.0	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Carbon Disulfide	0.41	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Chlorobenzene	3.7	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2-Dichlorobenzene	0.50	1.0	0.060	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,4-Dichlorobenzene	2.9	1.0	0.11	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1-Dichloroethane	0.94	1.0	0.090	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
cis-1,2-Dichloroethylene	2.0	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Trichloroethylene	0.37	1.0	0.12	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-2 | Sampled: 6/27/2012 13:00

Sample ID: 12F1028-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH
Vinyl Chloride	0.38	2.0	0.16	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
m+p Xylene	0.16	2.0	0.070	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 17:57	EEH
o-Xylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 17:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.0	70-130		7/3/12 17:57
Toluene-d8	104	70-130		7/3/12 17:57
4-Bromofluorobenzene	101	70-130		7/3/12 17:57

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

Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-2
Sampled: 6/27/2012 13:00

Sample ID: 12F1028-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:20	KSH
Barium	46	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:20	KSH
Cadmium	0.090	1.0	0.058	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:20	KSH
Chromium	6.7	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:29	KSH
Lead	0.97	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:20	KSH
Mercury	0.10	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:24	SAJ
Selenium	ND	10	1.1	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:20	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:20	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-3 | Sampled: 6/27/2012 13:10

Sample ID: 12F1028-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.9	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Benzene	3.2	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Carbon Disulfide	0.56	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Chlorobenzene	5.6	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2-Dichlorobenzene	0.23	1.0	0.060	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,4-Dichlorobenzene	6.3	1.0	0.11	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1-Dichloroethane	1.6	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2-Dichloroethane	0.40	1.0	0.090	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
cis-1,2-Dichloroethylene	3.3	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Tetrachloroethylene	0.14	1.0	0.14	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Toluene	0.13	1.0	0.040	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Trichloroethylene	0.59	1.0	0.12	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH

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

Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-3
Sampled: 6/27/2012 13:10

Sample ID: 12F1028-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
Vinyl Chloride	ND	2.0	0.16	µg/L	1		SW-846 8260C	7/3/12	7/3/12 18:35	EEH
m+p Xylene	0.14	2.0	0.070	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH
o-Xylene	0.13	1.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 18:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.2	70-130		7/3/12 18:35
Toluene-d8	95.4	70-130		7/3/12 18:35
4-Bromofluorobenzene	101	70-130		7/3/12 18:35

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

Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-3
Sampled: 6/27/2012 13:10

Sample ID: 12F1028-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	17	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:23	KSH
Barium	47	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:23	KSH
Cadmium	0.13	1.0	0.058	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:23	KSH
Chromium	7.1	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:32	KSH
Lead	0.61	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:23	KSH
Mercury	0.13	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:25	SAJ
Selenium	1.5	10	1.1	µg/L	2	J	SW-846 6020A	7/2/12	7/2/12 16:23	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/2/12 16:23	KSH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-5 | Sampled: 6/27/2012 14:15

Sample ID: 12F1028-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	4.1	50	0.54	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Benzene	6.8	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Carbon Disulfide	0.10	2.0	0.050	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Chlorobenzene	82	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2-Dichlorobenzene	2.4	1.0	0.060	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,4-Dichlorobenzene	6.3	1.0	0.11	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1-Dichloroethane	0.29	1.0	0.090	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
cis-1,2-Dichloroethylene	3.5	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Trichloroethylene	0.17	1.0	0.12	µg/L	1	J	SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-5 | Sampled: 6/27/2012 14:15

Sample ID: 12F1028-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
Vinyl Chloride	3.5	2.0	0.16	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
m+p Xylene	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR
o-Xylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/5/12	7/6/12 15:45	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	114	70-130		7/6/12 15:45
Toluene-d8	102	70-130		7/6/12 15:45
4-Bromofluorobenzene	94.9	70-130		7/6/12 15:45

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-5 | Sampled: 6/27/2012 14:15

Sample ID: 12F1028-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	13	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:24	KSH
Barium	31	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:24	KSH
Cadmium	ND	1.0	0.058	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:24	KSH
Chromium	9.9	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:36	KSH
Lead	1.3	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:24	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:27	SAJ
Selenium	1.6	10	1.1	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:24	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:24	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-6 | Sampled: 6/27/2012 12:00

Sample ID: 12F1028-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	8.5	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Benzene	2.6	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Carbon Disulfide	0.68	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Chlorobenzene	3.4	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2-Dichlorobenzene	0.40	1.0	0.060	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,4-Dichlorobenzene	5.1	1.0	0.11	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1-Dichloroethane	2.0	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
cis-1,2-Dichloroethylene	4.9	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Ethylbenzene	0.26	1.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Toluene	0.21	1.0	0.040	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Trichloroethylene	0.90	1.0	0.12	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-6 | Sampled: 6/27/2012 12:00

Sample ID: 12F1028-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
Vinyl Chloride	ND	2.0	0.16	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:09	EEH
m+p Xylene	0.15	2.0	0.070	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH
o-Xylene	0.17	1.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	87.2	70-130		7/3/12 19:09
Toluene-d8	98.2	70-130		7/3/12 19:09
4-Bromofluorobenzene	104	70-130		7/3/12 19:09

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MW-6 | Sampled: 6/27/2012 12:00

Sample ID: 12F1028-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:27	KSH
Barium	44	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:27	KSH
Cadmium	ND	1.0	0.058	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:27	KSH
Chromium	6.8	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:39	KSH
Lead	0.41	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:27	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:29	SAJ
Selenium	1.3	10	1.1	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:27	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:27	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: US | Sampled: 6/27/2012 14:40

Sample ID: 12F1028-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	8.9	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Benzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Carbon Disulfide	0.33	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Chlorobenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2-Dichlorobenzene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,4-Dichlorobenzene	0.13	1.0	0.11	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2-Dichloroethane	0.24	1.0	0.090	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Trichloroethylene	ND	1.0	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: US | Sampled: 6/27/2012 14:40

Sample ID: 12F1028-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
Vinyl Chloride	ND	2.0	0.16	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
m+p Xylene	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH
o-Xylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 19:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.4	70-130		7/3/12 19:45
Toluene-d8	99.0	70-130		7/3/12 19:45
4-Bromofluorobenzene	105	70-130		7/3/12 19:45

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

Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: US
Sampled: 6/27/2012 14:40

Sample ID: 12F1028-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:31	KSH
Barium	27	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:31	KSH
Cadmium	ND	1.0	0.058	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:31	KSH
Chromium	6.2	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:43	KSH
Lead	0.32	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:31	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:31	SAJ
Selenium	ND	10	1.1	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:31	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:31	KSH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MS | Sampled: 6/27/2012 14:50

Sample ID: 12F1028-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.6	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Benzene	0.16	1.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Carbon Disulfide	0.31	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Chlorobenzene	2.0	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2-Dichlorobenzene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,4-Dichlorobenzene	0.41	1.0	0.11	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:18	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Trichloroethylene	ND	1.0	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MS | Sampled: 6/27/2012 14:50

Sample ID: 12F1028-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
Vinyl Chloride	ND	2.0	0.16	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
m+p Xylene	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH
o-Xylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:18	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	87.2	70-130		7/3/12 20:18
Toluene-d8	100	70-130		7/3/12 20:18
4-Bromofluorobenzene	102	70-130		7/3/12 20:18

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Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: MS
Sampled: 6/27/2012 14:50

Sample ID: 12F1028-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:34	KSH
Barium	32	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:34	KSH
Cadmium	0.068	1.0	0.058	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:34	KSH
Chromium	6.4	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:47	KSH
Lead	0.59	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:34	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:32	SAJ
Selenium	ND	10	1.1	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:34	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:34	KSH

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

Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: DS | Sampled: 6/27/2012 14:30

Sample ID: 12F1028-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.8	50	0.54	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Acrylonitrile	ND	5.0	0.51	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Benzene	0.15	1.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Bromochloromethane	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Bromodichloromethane	ND	0.50	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Bromoform	ND	1.0	0.25	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Bromomethane	ND	2.0	0.38	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
2-Butanone (MEK)	ND	20	0.41	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Carbon Disulfide	0.27	2.0	0.050	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Carbon Tetrachloride	ND	5.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Chlorobenzene	1.6	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Chloroethane	ND	2.0	0.33	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Chloroform	ND	2.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Chloromethane	ND	2.0	0.13	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Dibromomethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2-Dichlorobenzene	0.11	1.0	0.060	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,4-Dichlorobenzene	0.32	1.0	0.11	µg/L	1	J	SW-846 8260C	7/3/12	7/3/12 20:50	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2-Dichloroethane	ND	1.0	0.090	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1-Dichloroethylene	ND	1.0	0.10	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
cis-1,3-Dichloropropene	ND	0.50	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
trans-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Ethylbenzene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
2-Hexanone (MBK)	ND	10	0.66	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Iodomethane	ND	10	0.80	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Methylene Chloride	ND	5.0	2.3	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Styrene	ND	1.0	0.060	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Tetrachloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Toluene	ND	1.0	0.040	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1,1-Trichloroethane	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,1,2-Trichloroethane	ND	1.0	0.080	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Trichloroethylene	ND	1.0	0.12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
1,2,3-Trichloropropane	ND	2.0	0.21	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH

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Project Location: Hoke | Sample Description: | Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: DS | Sampled: 6/27/2012 14:30

Sample ID: 12F1028-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
Vinyl Chloride	ND	2.0	0.16	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
m+p Xylene	ND	2.0	0.070	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH
o-Xylene	ND	1.0	0.050	µg/L	1		SW-846 8260C	7/3/12	7/3/12 20:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.1	70-130		7/3/12 20:50
Toluene-d8	100	70-130		7/3/12 20:50
4-Bromofluorobenzene	99.8	70-130		7/3/12 20:50

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Project Location: Hoke
Sample Description:
Work Order: 12F1028

Date Received: 6/28/2012

Field Sample #: DS
Sampled: 6/27/2012 14:30

Sample ID: 12F1028-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.50	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:38	KSH
Barium	28	20	0.67	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:38	KSH
Cadmium	ND	1.0	0.058	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:38	KSH
Chromium	6.7	10	3.4	µg/L	10	J	SW-846 6020A	7/2/12	7/3/12 14:50	KSH
Lead	0.31	2.0	0.095	µg/L	2	J	SW-846 6020A	7/2/12	7/3/12 13:38	KSH
Mercury	ND	0.10	0.047	µg/L	1		SW-846 7470A	7/2/12	7/2/12 14:38	SAJ
Selenium	ND	10	1.1	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:38	KSH
Silver	ND	1.0	0.33	µg/L	2		SW-846 6020A	7/2/12	7/3/12 13:38	KSH

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Sample Extraction Data

Prep Method: SM 3030C-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12F1028-01 [MW-1]	B054367	50.0	50.0	07/02/12
12F1028-02 [MW-2]	B054367	50.0	50.0	07/02/12
12F1028-03 [MW-3]	B054367	50.0	50.0	07/02/12
12F1028-04 [MW-5]	B054367	50.0	50.0	07/02/12
12F1028-05 [MW-6]	B054367	50.0	50.0	07/02/12
12F1028-06 [US]	B054367	50.0	50.0	07/02/12
12F1028-07 [MS]	B054367	50.0	50.0	07/02/12
12F1028-08 [DS]	B054367	50.0	50.0	07/02/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12F1028-01 [MW-1]	B054368	6.00	6.00	07/02/12
12F1028-02 [MW-2]	B054368	6.00	6.00	07/02/12
12F1028-03 [MW-3]	B054368	6.00	6.00	07/02/12
12F1028-04 [MW-5]	B054368	6.00	6.00	07/02/12
12F1028-05 [MW-6]	B054368	6.00	6.00	07/02/12
12F1028-06 [US]	B054368	6.00	6.00	07/02/12
12F1028-07 [MS]	B054368	6.00	6.00	07/02/12
12F1028-08 [DS]	B054368	6.00	6.00	07/02/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12F1028-02 [MW-2]	B054435	5	5.00	07/03/12
12F1028-03 [MW-3]	B054435	5	5.00	07/03/12
12F1028-05 [MW-6]	B054435	5	5.00	07/03/12
12F1028-06 [US]	B054435	5	5.00	07/03/12
12F1028-07 [MS]	B054435	5	5.00	07/03/12
12F1028-08 [DS]	B054435	5	5.00	07/03/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12F1028-01 [MW-1]	B054546	5	5.00	07/05/12
12F1028-04 [MW-5]	B054546	5	5.00	07/05/12

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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 B054435 - SW-846 5030B										
Blank (B054435-BLK1)				Prepared & Analyzed: 07/03/12						
Acetone	4.1	50	µg/L							J
Acrylonitrile	ND	5.0	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	0.45	2.0	µg/L							J
Carbon Tetrachloride	ND	5.0	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							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	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							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Iodomethane	ND	10	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	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							
Toluene	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							
Vinyl Acetate	ND	20	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	*21.1*		µg/L	25.0		84.4	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130			

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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 B054435 - SW-846 5030B										
LCS (B054435-BS1)				Prepared & Analyzed: 07/03/12						
Acetone	78.2	50	µg/L	100		78.2	70-160		25	†
Acrylonitrile	9.21	5.0	µg/L	10.0		92.1	70-130		25	
Benzene	9.12	1.0	µg/L	10.0		91.2	70-130		25	
Bromochloromethane	9.20	1.0	µg/L	10.0		92.0	70-130		25	
Bromodichloromethane	9.48	0.50	µg/L	10.0		94.8	70-130		25	
Bromoform	9.40	1.0	µg/L	10.0		94.0	70-130		25	
Bromomethane	6.16	2.0	µg/L	10.0		61.6	40-160		25	†
2-Butanone (MEK)	81.1	20	µg/L	100		81.1	40-160		25	†
Carbon Disulfide	10.8	2.0	µg/L	10.0		108	70-130		25	
Carbon Tetrachloride	8.90	5.0	µg/L	10.0		89.0	70-130		25	
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130		25	
Chlorodibromomethane	9.47	0.50	µg/L	10.0		94.7	70-130		25	
Chloroethane	7.12	2.0	µg/L	10.0		71.2	70-130		25	
Chloroform	8.77	2.0	µg/L	10.0		87.7	70-130		25	
Chloromethane	5.31	2.0	µg/L	10.0		53.1	40-160		25	†
1,2-Dibromo-3-chloropropane (DBCP)	9.94	5.0	µg/L	10.0		99.4	70-130		25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130		25	
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130		25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130		25	
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130		25	
trans-1,4-Dichloro-2-butene	8.90	2.0	µg/L	10.0		89.0	70-130		25	
1,1-Dichloroethane	9.28	1.0	µg/L	10.0		92.8	70-130		25	
1,2-Dichloroethane	9.60	1.0	µg/L	10.0		96.0	70-130		25	
1,1-Dichloroethylene	8.62	1.0	µg/L	10.0		86.2	70-130		25	
cis-1,2-Dichloroethylene	8.57	1.0	µg/L	10.0		85.7	70-130		25	
trans-1,2-Dichloroethylene	8.94	1.0	µg/L	10.0		89.4	70-130		25	
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130		25	
cis-1,3-Dichloropropene	10.0	0.50	µg/L	10.0		100	70-130		25	
trans-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130		25	
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130		25	
2-Hexanone (MBK)	98.1	10	µg/L	100		98.1	70-160		25	†
Methylene Chloride	9.93	5.0	µg/L	10.0		99.3	70-130		25	
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160		25	†
Styrene	9.77	1.0	µg/L	10.0		97.7	70-130		25	
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100	70-130		25	
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.0		105	70-130		25	
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130		25	
Toluene	10.5	1.0	µg/L	10.0		105	70-130		25	
1,1,1-Trichloroethane	8.86	1.0	µg/L	10.0		88.6	70-130		25	
1,1,2-Trichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130		25	
Trichloroethylene	9.55	1.0	µg/L	10.0		95.5	70-130		25	
Trichlorofluoromethane (Freon 11)	7.77	2.0	µg/L	10.0		77.7	70-130		25	
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130		25	
Vinyl Chloride	7.84	2.0	µg/L	10.0		78.4	40-160		25	†
m+p Xylene	20.9	2.0	µg/L	20.0		104	70-130		25	
o-Xylene	11.2	1.0	µg/L	10.0		112	70-130		25	
Surrogate: 1,2-Dichloroethane-d4	*21.7*		µg/L	25.0		87.0	70-130			
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8	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 B054435 - SW-846 5030B										
LCS Dup (B054435-BSD1)				Prepared & Analyzed: 07/03/12						
Acetone	78.9	50	µg/L	100		78.9	70-160	0.917	25	†
Acrylonitrile	9.11	5.0	µg/L	10.0		91.1	70-130	1.09	25	
Benzene	9.09	1.0	µg/L	10.0		90.9	70-130	0.329	25	
Bromochloromethane	9.65	1.0	µg/L	10.0		96.5	70-130	4.77	25	
Bromodichloromethane	9.75	0.50	µg/L	10.0		97.5	70-130	2.81	25	
Bromoform	9.85	1.0	µg/L	10.0		98.5	70-130	4.68	25	
Bromomethane	6.84	2.0	µg/L	10.0		68.4	40-160	10.5	25	†
2-Butanone (MEK)	85.3	20	µg/L	100		85.3	40-160	5.05	25	†
Carbon Disulfide	9.98	2.0	µg/L	10.0		99.8	70-130	8.35	25	
Carbon Tetrachloride	9.02	5.0	µg/L	10.0		90.2	70-130	1.34	25	
Chlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	1.57	25	
Chlorodibromomethane	9.57	0.50	µg/L	10.0		95.7	70-130	1.05	25	
Chloroethane	7.43	2.0	µg/L	10.0		74.3	70-130	4.26	25	
Chloroform	9.28	2.0	µg/L	10.0		92.8	70-130	5.65	25	
Chloromethane	5.45	2.0	µg/L	10.0		54.5	40-160	2.60	25	†
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0		101	70-130	1.89	25	
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130	2.99	25	
Dibromomethane	10.5	1.0	µg/L	10.0		105	70-130	3.88	25	
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	5.51	25	
1,4-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5	70-130	3.17	25	
trans-1,4-Dichloro-2-butene	9.09	2.0	µg/L	10.0		90.9	70-130	2.11	25	
1,1-Dichloroethane	9.27	1.0	µg/L	10.0		92.7	70-130	0.108	25	
1,2-Dichloroethane	9.57	1.0	µg/L	10.0		95.7	70-130	0.313	25	
1,1-Dichloroethylene	8.40	1.0	µg/L	10.0		84.0	70-130	2.59	25	
cis-1,2-Dichloroethylene	8.62	1.0	µg/L	10.0		86.2	70-130	0.582	25	
trans-1,2-Dichloroethylene	8.95	1.0	µg/L	10.0		89.5	70-130	0.112	25	
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	1.15	25	
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	0.598	25	
trans-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107	70-130	1.61	25	
Ethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	1.07	25	
2-Hexanone (MBK)	98.9	10	µg/L	100		98.9	70-160	0.863	25	†
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130	6.53	25	
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160	2.04	25	†
Styrene	10.3	1.0	µg/L	10.0		103	70-130	4.89	25	
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	2.07	25	
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130	2.91	25	
Tetrachloroethylene	9.69	1.0	µg/L	10.0		96.9	70-130	3.85	25	
Toluene	10.3	1.0	µg/L	10.0		103	70-130	2.12	25	
1,1,1-Trichloroethane	9.05	1.0	µg/L	10.0		90.5	70-130	2.12	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	4.32	25	
Trichloroethylene	9.52	1.0	µg/L	10.0		95.2	70-130	0.315	25	
Trichlorofluoromethane (Freon 11)	7.73	2.0	µg/L	10.0		77.3	70-130	0.516	25	
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130	1.86	25	
Vinyl Chloride	7.62	2.0	µg/L	10.0		76.2	40-160	2.85	25	†
m+p Xylene	21.7	2.0	µg/L	20.0		108	70-130	3.57	25	
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	0.626	25	
Surrogate: 1,2-Dichloroethane-d4	*22.5*		µg/L	25.0		90.0	70-130			
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/L	25.0		104	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 B054546 - SW-846 5030B										
Blank (B054546-BLK1)				Prepared: 07/05/12 Analyzed: 07/06/12						
Acetone	1.1	50	µg/L							J
Acrylonitrile	ND	5.0	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	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							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	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							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Iodomethane	ND	10	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	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							
Toluene	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							
Vinyl Acetate	ND	20	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	*28.4*		µg/L	25.0		114	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.0	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 B054546 - SW-846 5030B												
LCS (B054546-BS1)				Prepared: 07/05/12 Analyzed: 07/06/12								
Acetone	128	50	µg/L	100		128		70-160		25		†
Acrylonitrile	12.4	5.0	µg/L	10.0		124		70-130		25		
Benzene	11.0	1.0	µg/L	10.0		110		70-130		25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114		70-130		25		
Bromodichloromethane	9.42	0.50	µg/L	10.0		94.2		70-130		25		
Bromoform	9.07	1.0	µg/L	10.0		90.7		70-130		25		
Bromomethane	8.45	2.0	µg/L	10.0		84.5		40-160		25	V-20	†
2-Butanone (MEK)	119	20	µg/L	100		119		40-160		25		†
Carbon Disulfide	8.27	2.0	µg/L	10.0		82.7		70-130		25		
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100		70-130		25		
Chlorobenzene	12.5	1.0	µg/L	10.0		125		70-130		25		
Chlorodibromomethane	9.30	0.50	µg/L	10.0		93.0		70-130		25		
Chloroethane	10.1	2.0	µg/L	10.0		101		70-130		25		
Chloroform	12.0	2.0	µg/L	10.0		120		70-130		25		
Chloromethane	8.51	2.0	µg/L	10.0		85.1		40-160		25		†
1,2-Dibromo-3-chloropropane (DBCP)	8.97	5.0	µg/L	10.0		89.7		70-130		25		
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0		118		70-130		25		
Dibromomethane	11.4	1.0	µg/L	10.0		114		70-130		25		
1,2-Dichlorobenzene	12.2	1.0	µg/L	10.0		122		70-130		25		
1,4-Dichlorobenzene	11.3	1.0	µg/L	10.0		113		70-130		25		
trans-1,4-Dichloro-2-butene	8.83	2.0	µg/L	10.0		88.3		70-130		25		
1,1-Dichloroethane	14.5	1.0	µg/L	10.0		**145**	*	70-130		25	L-02	
1,2-Dichloroethane	13.5	1.0	µg/L	10.0		**135**	*	70-130		25	L-02	
1,1-Dichloroethylene	12.7	1.0	µg/L	10.0		127		70-130		25		
cis-1,2-Dichloroethylene	12.0	1.0	µg/L	10.0		120		70-130		25		
trans-1,2-Dichloroethylene	12.8	1.0	µg/L	10.0		128		70-130		25		
1,2-Dichloropropane	12.2	1.0	µg/L	10.0		122		70-130		25		
cis-1,3-Dichloropropene	9.65	0.50	µg/L	10.0		96.5		70-130		25		
trans-1,3-Dichloropropene	10.0	0.50	µg/L	10.0		100		70-130		25		
Ethylbenzene	11.5	1.0	µg/L	10.0		115		70-130		25		
2-Hexanone (MBK)	124	10	µg/L	100		124		70-160		25		†
Methylene Chloride	13.0	5.0	µg/L	10.0		130		70-130		25		
4-Methyl-2-pentanone (MIBK)	126	10	µg/L	100		126		70-160		25		†
Styrene	11.8	1.0	µg/L	10.0		118		70-130		25		
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106		70-130		25		
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.0		105		70-130		25		
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123		70-130		25		
Toluene	11.8	1.0	µg/L	10.0		118		70-130		25		
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108		70-130		25		
1,1,2-Trichloroethane	11.8	1.0	µg/L	10.0		118		70-130		25		
Trichloroethylene	11.7	1.0	µg/L	10.0		117		70-130		25		
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103		70-130		25		
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115		70-130		25		
Vinyl Chloride	9.37	2.0	µg/L	10.0		93.7		40-160		25		†
m+p Xylene	24.3	2.0	µg/L	20.0		121		70-130		25		
o-Xylene	12.5	1.0	µg/L	10.0		125		70-130		25		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/L	25.0		111		70-130				
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103		70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.9		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 B054546 - SW-846 5030B												
LCS Dup (B054546-BSD1)				Prepared: 07/05/12 Analyzed: 07/06/12								
Acetone	137	50	µg/L	100		137		70-160	6.32	25		†
Acrylonitrile	12.9	5.0	µg/L	10.0		129		70-130	3.88	25		
Benzene	10.8	1.0	µg/L	10.0		108		70-130	1.84	25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114		70-130	0.0880	25		
Bromodichloromethane	9.24	0.50	µg/L	10.0		92.4		70-130	1.93	25		
Bromoform	9.36	1.0	µg/L	10.0		93.6		70-130	3.15	25		
Bromomethane	10.4	2.0	µg/L	10.0		104		40-160	21.1	25	V-20	†
2-Butanone (MEK)	124	20	µg/L	100		124		40-160	4.49	25		†
Carbon Disulfide	7.78	2.0	µg/L	10.0		77.8		70-130	6.11	25		
Carbon Tetrachloride	9.61	5.0	µg/L	10.0		96.1		70-130	4.28	25		
Chlorobenzene	12.2	1.0	µg/L	10.0		122		70-130	2.44	25		
Chlorodibromomethane	9.12	0.50	µg/L	10.0		91.2		70-130	1.95	25		
Chloroethane	9.85	2.0	µg/L	10.0		98.5		70-130	2.80	25		
Chloroform	11.6	2.0	µg/L	10.0		116		70-130	3.14	25		
Chloromethane	8.35	2.0	µg/L	10.0		83.5		40-160	1.90	25		†
1,2-Dibromo-3-chloropropane (DBCP)	9.09	5.0	µg/L	10.0		90.9		70-130	1.33	25		
1,2-Dibromoethane (EDB)	11.9	0.50	µg/L	10.0		119		70-130	0.591	25		
Dibromomethane	11.5	1.0	µg/L	10.0		115		70-130	1.22	25		
1,2-Dichlorobenzene	11.9	1.0	µg/L	10.0		119		70-130	2.56	25		
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110		70-130	2.33	25		
trans-1,4-Dichloro-2-butene	9.22	2.0	µg/L	10.0		92.2		70-130	4.32	25		
1,1-Dichloroethane	14.2	1.0	µg/L	10.0		**142**	*	70-130	1.81	25	L-02	
1,2-Dichloroethane	13.5	1.0	µg/L	10.0		**135**	*	70-130	0.371	25	L-02	
1,1-Dichloroethylene	12.3	1.0	µg/L	10.0		123		70-130	3.04	25		
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0		117		70-130	2.96	25		
trans-1,2-Dichloroethylene	12.2	1.0	µg/L	10.0		122		70-130	4.48	25		
1,2-Dichloropropane	12.1	1.0	µg/L	10.0		121		70-130	0.493	25		
cis-1,3-Dichloropropene	9.41	0.50	µg/L	10.0		94.1		70-130	2.52	25		
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101		70-130	0.598	25		
Ethylbenzene	11.1	1.0	µg/L	10.0		111		70-130	3.09	25		
2-Hexanone (MBK)	132	10	µg/L	100		132		70-160	6.03	25		†
Methylene Chloride	12.6	5.0	µg/L	10.0		126		70-130	3.52	25		
4-Methyl-2-pentanone (MIBK)	133	10	µg/L	100		133		70-160	5.54	25		†
Styrene	11.5	1.0	µg/L	10.0		115		70-130	2.15	25		
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104		70-130	2.58	25		
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109		70-130	3.75	25		
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120		70-130	2.55	25		
Toluene	11.4	1.0	µg/L	10.0		114		70-130	3.88	25		
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130	4.93	25		
1,1,2-Trichloroethane	11.8	1.0	µg/L	10.0		118		70-130	0.424	25		
Trichloroethylene	11.5	1.0	µg/L	10.0		115		70-130	1.29	25		
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102		70-130	1.47	25		
1,2,3-Trichloropropane	11.8	2.0	µg/L	10.0		118		70-130	2.75	25		
Vinyl Chloride	9.33	2.0	µg/L	10.0		93.3		40-160	0.428	25		†
m+p Xylene	23.7	2.0	µg/L	20.0		118		70-130	2.46	25		
o-Xylene	12.2	1.0	µg/L	10.0		122		70-130	2.43	25		
Surrogate: 1,2-Dichloroethane-d4	*27.9*		µg/L	25.0		111		70-130				
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103		70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.0		70-130				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054367 - SM 3030C										
Blank (B054367-BLK1)				Prepared & Analyzed: 07/02/12						
Arsenic	ND	0.80	µg/L							
Barium	ND	20	µg/L							
Cadmium	ND	1.0	µg/L							
Chromium	4.0	10	µg/L							J
Lead	ND	2.0	µg/L							
Selenium	ND	10	µg/L							
Silver	ND	1.0	µg/L							
LCS (B054367-BS1)				Prepared & Analyzed: 07/02/12						
Arsenic	467	4.0	µg/L	500		93.4	80-120		20	
Barium	455	100	µg/L	500		90.9	80-120		20	
Cadmium	472	5.0	µg/L	500		94.5	80-120		20	
Chromium	496	10	µg/L	500		99.2	80-120		20	
Lead	478	10	µg/L	500		95.6	80-120		20	
Selenium	485	50	µg/L	500		97.1	80-120		20	
Silver	464	5.0	µg/L	500		92.9	80-120		20	
LCS Dup (B054367-BSD1)				Prepared & Analyzed: 07/02/12						
Arsenic	485	4.0	µg/L	500		96.9	80-120	3.67	20	
Barium	476	100	µg/L	500		95.2	80-120	4.58	20	
Cadmium	501	5.0	µg/L	500		100	80-120	5.92	20	
Chromium	523	10	µg/L	500		105	80-120	5.26	20	
Lead	502	10	µg/L	500		100	80-120	4.97	20	
Selenium	504	50	µg/L	500		101	80-120	3.75	20	
Silver	489	5.0	µg/L	500		97.8	80-120	5.17	20	
Duplicate (B054367-DUP1)	**Source: 12F1028-01**			Prepared & Analyzed: 07/02/12						
Arsenic	12.4	0.80	µg/L		11.8			4.90	20	
Barium	38.3	20	µg/L		39.0			1.93	20	
Cadmium	0.0677	1.0	µg/L		0.0641			5.52	20	J
Chromium	6.45	10	µg/L		6.15			4.71	20	J
Lead	0.276	2.0	µg/L		0.282			2.11	20	J
Selenium	ND	10	µg/L		ND			NC	20	
Silver	ND	1.0	µg/L		ND			NC	20	
Matrix Spike (B054367-MS1)	**Source: 12F1028-01**			Prepared & Analyzed: 07/02/12						
Arsenic	513	4.0	µg/L	500	11.8	100	75-125		20	
Barium	526	100	µg/L	500	39.0	97.3	75-125		20	
Cadmium	512	5.0	µg/L	500	0.0641	102	75-125		20	
Chromium	525	10	µg/L	500	6.15	104	75-125		20	
Lead	507	10	µg/L	500	0.282	101	75-125		20	
Selenium	515	50	µg/L	500	ND	103	75-125		20	
Silver	506	5.0	µg/L	500	ND	101	75-125		20	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054368 - SW-846 7470A Prep										
Blank (B054368-BLK1)				Prepared & Analyzed: 07/02/12						
Mercury	ND	0.10	µg/L							
LCS (B054368-BS1)				Prepared & Analyzed: 07/02/12						
Mercury	2.13	0.10	µg/L	2.00		106	80-120		20	
LCS Dup (B054368-BSD1)				Prepared & Analyzed: 07/02/12						
Mercury	2.00	0.10	µg/L	2.00		99.9	80-120	6.24	20	
Duplicate (B054368-DUP1)		**Source: 12F1028-01**		Prepared & Analyzed: 07/02/12						
Mercury	ND	0.10	µg/L		ND			NC	20	
Matrix Spike (B054368-MS1)		**Source: 12F1028-01**		Prepared & Analyzed: 07/02/12						
Mercury	1.99	0.10	µg/L	2.00	ND	99.4	75-125		20	

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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.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
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.
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 6020A in Water	
Arsenic	CT,NH,NY,RI,NC,ME
Barium	CT,NH,NY,RI,NC,ME
Cadmium	CT,NH,NY,RI,NC,ME
Chromium	CT,NH,NY,RI,NC,ME
Lead	CT,NH,NY,RI,NC,ME
Selenium	CT,NH,NY,RI,NC,ME
Silver	CT,NH,NY,RI,NC,ME
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC,ME
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Ethylbenzene	CT,NH,NY,ME,RI
2-Hexanone (MBK)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
Vinyl Acetate	NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

12F1028

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: E2S
Address: 3008 Anderson Dr. St. 102
Raleigh, NC 27609
Attention: Pat Shillington
Project Location: Hoke
Sampled By: RWB

Telephone: (919) 781-7798
Project #
Client PO#

DATA DELIVERY (check all that apply)
O FAX ✓ EMAIL O WEBSITE
Fax #
Email: e2s@bellsouth.net
Format: ✗ PDF ✗ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O 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	8260	Total RCRA Metals											# of Containers	** Preservation	***Container Code
01	MW-1	6/27/12	12:30		X	GW		X	X													
02	MW-2	6/27/12	1:00		X	GW		X	X													
03	MW-3	6/27/12	1:10		X	GW		X	X													
04	MW-5	6/27/12	2:15		X	GW		X	X													
05	MW-6	6/27/12	12:00		X	GW		X	X													
06	US	6/27/12	2:40		X	GW		X	X													
07	MS	6/27/12	2:50		X	GW		X	X													
08	DS		2:30		X	GW		X	X													

Comments:
Alan Pienkowski 2.2°C 6/29/12

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

Dissolved Metals
O Field Filtered
O 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_____

Relinquished by: (signature)	Date/Time:
Robert Beaty	06/27/12 - 4:25
Received by: (signature)	Date/Time:
Tiffany [illegible]	06/27/12 - 4:25
Relinquished by: (signature)	Date/Time:
[illegible]	06/28/12
Received by: (signature)	Date/Time:
[illegible]	6/28/12 1:4[illegible]

Turnaround ††
☐ 7-Day
☒ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

IMPORTANT!
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Enter tracking number Track

Detailed Results | Notifications

Tracking no.: 800034242208 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated Picked up In transit Delivered

Delivered
Signed for by: A.PIENKOWSKI

Shipment Dates	Destination
Ship date Jun 28, 2012	Signature Proof of Delivery
Delivery date Jun 29, 2012 10:08 AM	

Shipment Options

Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Help

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	42.0 lbs/19.1 kg		

Shipment Travel History

Help

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Jun 29, 2012 10:08 AM	**Delivered**		
Jun 29, 2012 8:10 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Jun 29, 2012 6:54 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Jun 29, 2012 6:21 AM	At destination sort facility	EAST GRANBY, CT	
Jun 29, 2012 4:48 AM	Departed FedEx location	INDIANAPOLIS, IN	
Jun 29, 2012 12:01 AM	Arrived at FedEx location	INDIANAPOLIS, IN	
Jun 28, 2012 8:46 PM	Picked up	RALEIGH, NC	

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Sample Receipt Checklist

CLIENT NAME: E2S RECEIVED BY: AP DATE: 6/29/12

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

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 2.2°C

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

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

7) Location where samples are stored: 19

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

8) Do all samples have the proper Acid pH: Yes No N/A <2.0

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

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

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		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	8	Plastic Bag / Ziploc	
40 mL Vial - type listed below	16	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 16 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: