DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

RECEIVED JAN 12 2011 SOLID WASTE SECTION

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Engineering & Environmental Science Company

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: T. Patrick Shillington, PE Phone: 919-781-7798

E-mail: e2s@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Hoke County Landfill	700 CC Steel Road Raeford, NC	47-01		December 8, 2010

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☐ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

T. Patrick Shillington, P. E. Consultant (919) 781-7798

Facility Representative Name (Print) Title (Area Code) Telephone Number

T. Patrick Shillington 1/10/11

Signature Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA PROFESSIONAL SEAL 15472 ENGINEER T. PATRICK SHILLINGTON 1/10/11

3008 Anderson Drive Suite 102, Raleigh NC 27609

Facility Representative Address

C-2591

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

E²S

ENGINEERING & ENVIRONMENTAL SCIENCE COMPANY

3008 ANDERSON DRIVE, SUITE 102

RALEIGH, NC 27609

(919) 781-7798

RECEIVED
JAN 12 2011
SOLID WASTE SECTION

January 10, 2011

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

RE: Monitoring Well Test Results
For 12/8/2010 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 December 8, 2010. 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

Attachment A: Table
Attachment B: Analytical Test Results

NORTH CAROLINA PROFESSIONAL SEAL 15472 ENGINEER T. PATRICK SHILLINGTON

ATTACHMENT A:
Table

Table No. 1: Summary of Analytical Test Results

Facility Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	DS-1	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	DS-1	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	DS-1	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	DS-1	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	DS-1	106-46-7	71	1,4-Dichlorobenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	DS-1	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	DS-1	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	DS-1	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	DS-1	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	DS-1	108-88-3	196	Toluene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	DS-1	108-90-7	39	Chlorobenzene	0.24	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	DS-1	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	DS-1	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	DS-1	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	DS-1	1330-20-7	346	Total Xylene	3	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	DS-1	156-59-2	78	cis-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	DS-1	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	DS-1	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	DS-1	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	DS-1	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	DS-1	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	DS-1	71-43-2	16	Benzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	DS-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	DS-1	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	DS-1	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	DS-1	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	DS-1	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	DS-1	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	DS-1	75-01-4	211	Vinyl Chloride	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	DS-1	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	DS-1	75-15-0	35	Carbon Disulfide	0.16	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	DS-1	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	DS-1	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	DS-1	75-34-3	75	1,1-Dichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	DS-1	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	DS-1	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	DS-1	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	DS-1	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	DS-1	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	DS-1	79-01-6	201	Trichloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	DS-1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	DS-1	95-50-1	69	1,2-Dichlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	DS-1	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	DS-1	96-18-4	206	1,2,3-Trichloropropane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	DS-1	7439-92-1	131	Lead	0.20	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	DS-1	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	DS-1	7440-38-2	14	Arsenic	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	DS-1	7440-39-3	15	Barium	21	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	DS-1	7782-49-2	183	Selenium	5.0	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	DS-1	7440-43-9	34	Cadmium	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	DS-1	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	DS-1	7439-97-6	132	Mercury	<0.10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	DS-1			Temperature	12	C			12/8/2010					
47-01	DS-1			pH	6.2				12/8/2010					
47-01	DS-1			Conductivity	129	mV			12/8/2010					
47-01	DS-1			TSS	65	ppm			12/8/2010					

E2S

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MS-1	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MS-1	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MS-1	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MS-1	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MS-1	106-46-7	71	1,4-Dichlorobenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MS-1	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MS-1	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MS-1	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MS-1	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MS-1	108-88-3	196	Toluene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MS-1	108-90-7	39	Chlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MS-1	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MS-1	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MS-1	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MS-1	1330-20-7	346	Total Xylene	3.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MS-1	156-59-2	78	cis-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MS-1	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MS-1	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MS-1	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MS-1	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MS-1	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MS-1	71-43-2	16	Benzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MS-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MS-1	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MS-1	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MS-1	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MS-1	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MS-1	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MS-1	75-01-4	211	Vinyl Chloride	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MS-1	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MS-1	75-15-0	35	Carbon Disulfide	0.14	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MS-1	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MS-1	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MS-1	75-34-3	75	1,1-Dichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MS-1	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MS-1	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MS-1	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MS-1	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MS-1	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MS-1	79-01-6	201	Trichloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MS-1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MS-1	95-50-1	69	1,2-Dichlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MS-1	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MS-1	96-18-4	206	1,2,3-Trichloropropane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MS-1	7439-92-1	131	Lead	0.21	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MS-1	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MS-1	7440-38-2	14	Arsenic	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MS-1	7440-39-3	15	Barium	22	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MS-1	7440-43-9	34	Cadmium	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MS-1	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MS-1	7782-49-2	183	Selenium	5.0	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MS-1	7439-97-6	132	Mercury	<0.10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	MS-1			Temperature	12	C			12/8/2010					
47-01	MS-1			pH	6.3				12/8/2010					
47-01	MS-1			Conductivity	94	mV			12/8/2010					
47-01	MS-1			TSS	78	ppm			12/8/2010					

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	US-1	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	US-1	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	US-1	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	US-1	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	US-1	106-46-7	71	1,4-Dichlorobenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	US-1	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	US-1	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	US-1	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	US-1	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	US-1	108-88-3	196	Toluene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	US-1	108-90-7	39	Chlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	US-1	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	US-1	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	US-1	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	US-1	1330-20-7	346	Total Xylene	3	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	US-1	156-59-2	78	cis-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	US-1	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	US-1	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	US-1	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	US-1	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	US-1	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	US-1	71-43-2	16	Benzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	US-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	US-1	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	US-1	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	US-1	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	US-1	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	US-1	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	US-1	75-01-4	211	Vinyl Chloride	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	US-1	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	US-1	75-15-0	35	Carbon Disulfide	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	US-1	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	US-1	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	US-1	75-34-3	75	1,1-Dichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	US-1	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	US-1	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	US-1	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	US-1	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	US-1	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	US-1	79-01-6	201	Trichloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	US-1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	US-1	95-50-1	69	1,2-Dichlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	US-1	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	US-1	96-18-4	206	1,2,3-Trichloropropane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E2S

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	US-1	7439-92-1	131	Lead	1.8	ug/L		1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	US-1	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	US-1	7440-38-2	14	Arsenic	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	US-1	7440-39-3	15	Barium	21	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	US-1	7440-43-9	34	Cadmium	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	US-1	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	US-1	7782-49-2	183	Selenium	5.0	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	US-1	7439-97-6	132	Mercury	<0.10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	US-1			Temperature	13	C			12/8/2010					
47-01	US-1			pH	6.1				12/8/2010					
47-01	US-1			Conductivity	152	mV			12/8/2010					
47-01	US-1			TSS	69	ppm			12/8/2010					

Table No. 1: Summary of Analytical Test Results

Facility Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-1	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-1	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MW-1	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-1	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-1	106-46-7	71	1,4-Dichlorobenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MW-1	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MW-1	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-1	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MW-1	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MW-1	108-88-3	196	Toluene	0.11	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-1	108-90-7	39	Chlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MW-1	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MW-1	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MW-1	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MW-1	1330-20-7	346	Total Xylene	1.17	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MW-1	156-59-2	78	cis-1,2-Dichloroethylene	0.24	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-1	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MW-1	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MW-1	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MW-1	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MW-1	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-1	71-43-2	16	Benzene	0.36	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MW-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MW-1	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MW-1	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-1	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MW-1	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MW-1	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MW-1	75-01-4	211	Vinyl Chloride	0.41	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MW-1	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MW-1	75-15-0	35	Carbon Disulfide	1.4	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MW-1	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MW-1	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-1	75-34-3	75	1,1-Dichloroethane	0.7	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MW-1	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MW-1	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MW-1	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-1	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MW-1	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MW-1	79-01-6	201	Trichloroethylene	0.33	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MW-1	95-50-1	69	1,2-Dichlorobenzene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MW-1	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MW-1	96-18-4	206	1,2,3-Trichloropropane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-1	7439-92-1	131	Lead	0.34	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MW-1	7440-22-4	184	Silver	0.24	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-1	7440-38-2	14	Arsenic	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MW-1	7440-39-3	15	Barium	30	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MW-1	7440-43-9	34	Cadmium	0.036	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MW-1	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MW-1	7782-49-2	183	Selenium	5.0	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-1	7439-97-6	132	Mercury	<0.10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	MW-1			Well Elevation	251.19	ft.			12/8/2010					
47-01	MW-1			Groundwater Depth	54.55	ft.			12/8/2010					
47-01	MW-1			Water Level Elevation	196.64	ft.			12/8/2010					
47-01	MW-1			Temperature	17.3	C			12/8/2010					
47-01	MW-1			pH	5.6				12/8/2010					
47-01	MW-1			Conductivity	132	mV			12/8/2010					
47-01	MW-1			TSS	104	ppm			12/8/2010					

Table No. 1: Summary of Analytical Test Results

Facility Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-2	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-2	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MW-2	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-2	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-2	106-46-7	71	1,4-Dichlorobenzene	**2.0**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MW-2	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MW-2	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-2	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MW-2	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MW-2	108-88-3	196	Toluene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-2	108-90-7	39	Chlorobenzene	**3.0**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MW-2	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MW-2	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MW-2	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MW-2	1330-20-7	346	Total Xylene	3	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MW-2	156-59-2	78	cis-1,2-Dichloroethylene	2.6	ug/L		1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-2	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MW-2	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MW-2	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MW-2	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MW-2	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-2	71-43-2	16	Benzene	0.90	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MW-2	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MW-2	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MW-2	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-2	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MW-2	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MW-2	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MW-2	75-01-4	211	Vinyl Chloride	0.36	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MW-2	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MW-2	75-15-0	35	Carbon Disulfide	0.24	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MW-2	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MW-2	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-2	75-34-3	75	1,1-Dichloroethane	1.4	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MW-2	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MW-2	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MW-2	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-2	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MW-2	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MW-2	79-01-6	201	Trichloroethylene	0.41	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-2	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MW-2	95-50-1	69	1,2-Dichlorobenzene	0.39	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MW-2	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MW-2	96-18-4	206	1,2,3-Trichloropropane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-2	7439-92-1	131	Lead	0.25	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MW-2	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-2	7440-38-2	14	Arsenic	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MW-2	7440-39-3	15	Barium	13	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MW-2	7440-43-9	34	Cadmium	0.053	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MW-2	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MW-2	7782-49-2	183	Selenium	5.0	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-2	7439-97-6	132	Mercury	0.25	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	MW-2			Well Elevation	204.65	ft.			12/8/2010					
47-01	MW-2			Groundwater Depth	18.37	ft.			12/8/2010					
47-01	MW-2			Water Level Elevation	186.28	ft.			12/8/2010					
47-01	MW-2			Temperature	17.9	C			12/8/2010					
47-01	MW-2			pH	5.4				12/8/2010					
47-01	MW-2			Conductivity	211	mV			12/8/2010					
47-01	MW-2			TSS	164	ppm			12/8/2010					

Table No. 1: Summary of Analytical Test Results

Facility Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-3	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-3	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MW-3	10061-01-5	186	cis-1,3-Dichloropropene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-3	10061-02-6	187	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-3	106-46-7	71	1,4-Dichlorobenzene	**4.4**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MW-3	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MW-3	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-3	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MW-3	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MW-3	108-88-3	196	Toluene	0.11	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-3	108-90-7	39	Chlorobenzene	**3.6**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MW-3	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MW-3	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MW-3	127-18-4	192	Tetrachloroethylene	0.20	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MW-3	1330-20-7	346	Total Xylene	2.11	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MW-3	156-59-2	78	cis-1,2-Dichloroethylene	3.9	ug/L		1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-3	156-60-5	79	trans-1,2-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MW-3	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MW-3	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MW-3	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MW-3	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-3	71-43-2	16	Benzene	**2.7**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MW-3	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MW-3	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MW-3	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-3	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MW-3	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MW-3	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MW-3	75-01-4	211	Vinyl Chloride	0.96	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MW-3	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MW-3	75-15-0	35	Carbon Disulfide	0.7	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MW-3	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MW-3	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-3	75-34-3	75	1,1-Dichloroethane	2.3	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MW-3	75-35-4	77	1,1-Dichloroethylene	0.11	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MW-3	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MW-3	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-3	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MW-3	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MW-3	79-01-6	201	Trichloroethylene	0.74	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-3	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MW-3	95-50-1	69	1,2-Dichlorobenzene	0.17	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MW-3	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MW-3	96-18-4	206	1,2,3-Trichloropropane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-3	7439-92-1	131	Lead	1.8	ug/L		1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MW-3	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-3	7440-38-2	14	Arsenic	13	ug/L		1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MW-3	7440-39-3	15	Barium	40	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MW-3	7440-43-9	34	Cadmium	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MW-3	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MW-3	7782-49-2	183	Selenium	1.1	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-3	7439-97-6	132	Mercury	0.48	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	MW-3			Well Elevation	217	ft.			12/8/2010					
47-01	MW-3			Groundwater Depth	24.5	ft.			12/8/2010					
47-01	MW-3			Water Level Elevation	192.5	ft.			12/8/2010					
47-01	MW-3			Temperature	17.8	C			12/8/2010					
47-01	MW-3			pH	5.9				12/8/2010					
47-01	MW-3			Conductivity	166	mV			12/8/2010					
47-01	MW-3			TSS	389	ppm			12/8/2010					

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-5	100-41-4	110	Ethylbenzene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-5	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MW-5	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-5	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-5	106-46-7	71	1,4-Dichlorobenzene	**8.7**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MW-5	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MW-5	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-5	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MW-5	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MW-5	108-88-3	196	Toluene	0.25	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-5	108-90-7	39	Chlorobenzene	**93**	ug/L	D	10	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MW-5	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MW-5	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MW-5	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MW-5	1330-20-7	346	Total Xylene	2.14	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MW-5	156-59-2	78	cis-1,2-Dichloroethylene	**6.1**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-5	156-60-5	79	trans-1,2-Dichloroethylene	0.10	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MW-5	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MW-5	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MW-5	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MW-5	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-5	71-43-2	16	Benzene	20	ug/L		1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MW-5	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MW-5	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MW-5	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-5	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MW-5	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MW-5	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MW-5	75-01-4	211	Vinyl Chloride	**6.4**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MW-5	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MW-5	75-15-0	35	Carbon Disulfide	0.44	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MW-5	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MW-5	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-5	75-34-3	75	1,1-Dichloroethane	0.51	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MW-5	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MW-5	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MW-5	78-87-5	82	1,2-Dichloropropane	0.27	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-5	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MW-5	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MW-5	79-01-6	201	Trichloroethylene	0.28	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-5	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MW-5	95-50-1	69	1,2-Dichlorobenzene	2.8	ug/L		1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MW-5	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MW-5	96-18-4	206	1,2,3-Trichloropropane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-5	7439-92-1	131	Lead	2.0	ug/L		1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MW-5	7440-22-4	184	Silver	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-5	7440-38-2	14	Arsenic	11	ug/L		1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MW-5	7440-39-3	15	Barium	35	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MW-5	7440-43-9	34	Cadmium	0.50	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MW-5	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MW-5	7782-49-2	183	Selenium	1.4	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-5			Well Elevation	212.64	ft.			12/8/2010					
47-01	MW-5			Groundwater Depth	23.7	ft.			12/8/2010					
47-01	MW-5			Water Level Elevation	188.94	ft.			12/8/2010					
47-01	MW-5			Temperature	17.7	C			12/8/2010					
47-01	MW-5			pH	6.1				12/8/2010					
47-01	MW-5			Conductivity	72	mV			12/8/2010					
47-01	MW-5			TSS	432	ppm			12/8/2010					

C25

Table No. 1: Summary of Analytical Test Results

Facility Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-6	100-41-4	110	Ethylbenzene	0.18	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-6	100-42-5	186	Styrene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	1.0
47-01	MW-6	10061-01-5	86	cis-1,3-Dichloropropene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-6	10061-02-6	87	trans-1,3-Dichloropropene	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-6	106-46-7	71	1,4-Dichlorobenzene	**7.0**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	1.0
47-01	MW-6	106-93-4	68	1,2-Dibromoethane (EDB)	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.02	--	1.0
47-01	MW-6	107-06-2	76	1,2-Dichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	--	1.0
47-01	MW-6	107-13-1	8	Acrylonitrile	5.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	200.0
47-01	MW-6	108-10-1	147	4-Methyl-2-pentanone (MIBK)	10	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	560	100.0
47-01	MW-6	108-88-3	196	Toluene	0.18	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	600	--	1.0
47-01	MW-6	108-90-7	39	Chlorobenzene	**4.4**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	50	--	3.0
47-01	MW-6	110-57-6	73	trans-1,4-Dichloro-2-butene	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	NE	100.0
47-01	MW-6	124-48-1	66	Chlorodibromomethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.4	0.41	3.0
47-01	MW-6	127-18-4	192	Tetrachloroethylene	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.7	--	1.0
47-01	MW-6	1330-20-7	346	Total Xylene	0.34	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	500	--	5.0
47-01	MW-6	156-59-2	78	cis-1,2-Dichloroethylene	4.8	ug/L		1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-6	156-60-5	79	trans-1,2-Dichloroethylene	0.11	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	100	--	5.0
47-01	MW-6	56-23-5	36	Carbon Tetrachloride	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.3	--	1.0
47-01	MW-6	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	1	5.0
47-01	MW-6	67-64-1	3	Acetone	50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	6000	--	100.0
47-01	MW-6	67-66-3	44	Chloroform	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	70	--	5.0
47-01	MW-6	71-43-2	16	Benzene	**3.2**	ug/L		1	12/8/2010	12/16/2010	12/18/2010	1	--	1.0
47-01	MW-6	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	200	--	200.0
47-01	MW-6	74-83-9	136	Bromomethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	10	10.0
47-01	MW-6	74-87-3	137	Chloromethane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-6	74-95-3	139	Dibromomethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	70	10.0
47-01	MW-6	74-97-5	28	Bromochloromethane	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	3.0
47-01	MW-6	75-00-3	41	Chloroethane	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	3000	--	10.0
47-01	MW-6	75-01-4	211	Vinyl Chloride	**1.5**	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	0.03	--	1.0
47-01	MW-6	75-09-2	140	Methylene Chloride	**5.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	5	--	1.0
47-01	MW-6	75-15-0	35	Carbon Disulfide	0.65	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	700	--	100.0
47-01	MW-6	75-25-2	30	Bromoform	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4	--	3.0
47-01	MW-6	75-27-4	29	Bromodichloromethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-6	75-34-3	75	1,1-Dichloroethane	1.6	ug/L		1	12/8/2010	12/16/2010	12/18/2010	6	--	5.0
47-01	MW-6	75-35-4	77	1,1-Dichloroethylene	1.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	7	--	5.0
47-01	MW-6	75-69-4	203	Trichlorofluoromethane (Freon 11	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	2000	--	1.0
47-01	MW-6	78-87-5	82	1,2-Dichloropropane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.6	--	1.0
47-01	MW-6	78-93-3	141	2-Butanone (MEK)	20	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	4000	--	100.0
47-01	MW-6	79-00-5	202	1,1,2-Trichloroethane	**1.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	NE	0.6	1.0
47-01	MW-6	79-01-6	201	Trichloroethylene	0.66	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	3	--	1.0
47-01	MW-6	79-34-5	191	1,1,2,2-Tetrachloroethane	0.50	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.2	0.18	3.0
47-01	MW-6	95-50-1	69	1,2-Dichlorobenzene	0.42	ug/L	J	1	12/8/2010	12/16/2010	12/18/2010	20	--	5.0
47-01	MW-6	96-12-8	67	1,2-Dibromo-3-chloropropane (DI	2.0	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.04	--	13.0
47-01	MW-6	96-18-4	206	1,2,3-Trichloropropane	**2.0**	ug/L	U	1	12/8/2010	12/16/2010	12/18/2010	0.005	--	1.0

E25

Table No. 1: Summary of Analytical Test Results

Facilty Permit	Well ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	2L Standard	GWP Standard	SWSL
47-01	MW-6	7439-92-1	131	Lead	0.73	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	15	--	10.0
47-01	MW-6	7440-22-4	184	Silver	0.039	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-6	7440-38-2	14	Arsenic	9.6	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	10	NE	10.0
47-01	MW-6	7440-39-3	15	Barium	39	ug/L		1	12/8/2010	12/20/2010	12/20/2010	700	--	100.0
47-01	MW-6	7440-43-9	34	Cadmium	0.29	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	2	--	1.0
47-01	MW-6	7440-47-3	51	Chromium	10	ug/L	U	1	12/8/2010	12/20/2010	12/20/2010	10	--	10.0
47-01	MW-6	7782-49-2	183	Selenium	0.87	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	20	--	10.0
47-01	MW-6	7439-97-6	132	Mercury	<0.10	ug/L	J	1	12/8/2010	12/20/2010	12/20/2010	1		0.2
47-01	MW-6			Well Elevation	227.81	ft.			12/8/2010					
47-01	MW-6			Groundwater Depth	37.47	ft.			12/8/2010					
47-01	MW-6			Water Level Elevation	190.34	ft.			12/8/2010					
47-01	MW-6			Temperature	17.6	C			12/8/2010					
47-01	MW-6			pH	6.3				12/8/2010					
47-01	MW-6			Conductivity	81	mV			12/8/2010					
47-01	MW-6			TSS	794	ppm			12/8/2010					
Bold values exceed SWSL Standards														

Red Values exceed 2L Standards

ATTACHMENT B:
Analytical Test Results

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

January 3, 2011

Pat Shillington
E2S
3008 Anderson Drive
Raleigh, NC 27609

Project Location: Hoke Landfill
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 10L0338

Enclosed are results of analyses for samples received by the laboratory on December 10, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

con-test® ANALYTICAL LABORATORY

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

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

REPORT DATE: 1/3/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0338

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

PROJECT LOCATION: Hoke Landfill

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	10L0338-01	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-6	10L0338-02	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-2	10L0338-03	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-3	10L0338-04	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
MW-5	10L0338-05	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
Downstream	10L0338-06	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
Middlestream	10L0338-07	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	
Upstream	10L0338-08	Ground Water		SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260B	

con-test®
ANALYTICAL LABORATORY

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

CASE NARRATIVE SUMMARY

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

SW-846 6020A

Qualifications:

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:

Cadmium, Silver

10L0338-01[MW-1], B023941-DUP1

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

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

10L0338-01[MW-1], 10L0338-02[MW-6], 10L0338-03[MW-2], 10L0338-04[MW-3], 10L0338-05[MW-5], 10L0338-06[Downstream], 10L0338-07[Middlestream], 10L0338-08[Upstream], B023772-BLK1, B023772-BS1, B023772-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 individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill
Sample Description:
Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-1
Sampled: 12/8/2010 12:00

Sample ID: 10L0338-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Benzene	0.36	1.0	0.050	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Carbon Disulfide	1.4	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Chlorobenzene	ND	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2-Dichlorobenzene	ND	1.0	0.060	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,4-Dichlorobenzene	ND	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1-Dichloroethane	0.70	1.0	0.090	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
cis-1,2-Dichloroethylene	0.24	1.0	0.050	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Toluene	0.11	1.0	0.040	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Trichloroethylene	0.33	1.0	0.12	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-1 | Sampled: 12/8/2010 12:00

Sample ID: 10L0338-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR
Vinyl Chloride	0.41	2.0	0.16	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
m+p Xylene	0.17	2.0	0.070	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:37	TJR
o-Xylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:37	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/18/10 3:37
Toluene-d8	99.7	70-130		12/18/10 3:37
4-Bromofluorobenzene	94.2	70-130		12/18/10 3:37

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-1 | Sampled: 12/8/2010 12:00

Sample ID: 10L0338-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 14:57	OP
Barium	30	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 15:49	KSH
Cadmium	0.036	0.50	0.032	1	µg/L	1	R-04, J	SW-846 6020A	12/20/10	12/20/10 15:49	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 14:57	OP
Lead	0.34	1.0	0.035	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 15:49	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 13:50	CWB
Selenium	ND	5.0	0.78	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 15:49	KSH
Silver	0.24	0.50	0.029	10	µg/L	1	R-04, J	SW-846 6020A	12/20/10	12/20/10 15:49	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-6 | Sampled: 12/8/2010 12:45

Sample ID: 10L0338-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
# Benzene	3.2	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Carbon Disulfide	0.65	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
# Chlorobenzene	4.4	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2-Dichlorobenzene	0.42	1.0	0.060	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
# 1,4-Dichlorobenzene	7.0	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1-Dichloroethane	1.6	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
cis-1,2-Dichloroethylene	4.8	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
trans-1,2-Dichloroethylene	0.11	1.0	0.070	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Ethylbenzene	0.18	1.0	0.050	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Toluene	0.18	1.0	0.040	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Trichloroethylene	0.66	1.0	0.12	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-6 | Sampled: 12/8/2010 12:45

Sample ID: 10L0338-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:35	TJR
# Vinyl Chloride	1.5	2.0	0.16	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
m+p Xylene	0.11	2.0	0.070	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR
o-Xylene	0.23	1.0	0.050	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:35	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/18/10 6:35
Toluene-d8	101	70-130		12/18/10 6:35
4-Bromofluorobenzene	96.4	70-130		12/18/10 6:35

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-6 | Sampled: 12/8/2010 12:45

Sample ID: 10L0338-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	9.6	10	7.0	10	µg/L	1	J	SW-846 6010B	12/20/10	12/20/10 15:21	OP
Barium	39	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:15	KSH
Cadmium	0.29	0.50	0.032	1	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:15	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:21	OP
Lead	0.73	1.0	0.035	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:15	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 13:55	CWB
Selenium	0.87	5.0	0.78	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:15	KSH
Silver	0.039	0.50	0.029	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:15	KSH

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-2 | Sampled: 12/8/2010 13:00

Sample ID: 10L0338-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Benzene	0.90	1.0	0.050	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Carbon Disulfide	0.24	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
# Chlorobenzene	3.0	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2-Dichlorobenzene	0.39	1.0	0.060	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
# 1,4-Dichlorobenzene	2.0	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1-Dichloroethane	1.4	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
cis-1,2-Dichloroethylene	2.6	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Toluene	ND	1.0	0.040	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Trichloroethylene	0.41	1.0	0.12	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-2 | Sampled: 12/8/2010 13:00

Sample ID: 10L0338-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
Vinyl Chloride	0.36	2.0	0.16	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 3:07	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR
o-Xylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 3:07	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		12/18/10 3:07
Toluene-d8	100	70-130		12/18/10 3:07
4-Bromofluorobenzene	96.2	70-130		12/18/10 3:07

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

Project Location: Hoke Landfill
Sample Description:
Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-2
Sampled: 12/8/2010 13:00

Sample ID: 10L0338-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:25	OP
Barium	13	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:19	KSH
Cadmium	0.053	0.50	0.032	1	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:19	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:25	OP
Lead	0.25	1.0	0.035	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:19	KSH
# Mercury	0.25	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:01	CWB
Selenium	ND	5.0	0.78	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:19	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:19	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-3 | Sampled: 12/8/2010 13:30

Sample ID: 10L0338-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
# Benzene	2.7	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Carbon Disulfide	0.70	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
# Chlorobenzene	3.6	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2-Dichlorobenzene	0.17	1.0	0.060	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
# 1,4-Dichlorobenzene	4.4	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1-Dichloroethane	2.3	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1-Dichloroethylene	0.11	1.0	0.10	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
cis-1,2-Dichloroethylene	3.9	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Tetrachloroethylene	0.20	1.0	0.14	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Toluene	0.11	1.0	0.040	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Trichloroethylene	0.74	1.0	0.12	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-3 | Sampled: 12/8/2010 13:30

Sample ID: 10L0338-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
Vinyl Chloride	0.96	2.0	0.16	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:06	TJR
o-Xylene	0.11	1.0	0.050	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:06	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/18/10 4:06
Toluene-d8	100	70-130		12/18/10 4:06
4-Bromofluorobenzene	95.0	70-130		12/18/10 4:06

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-3 | Sampled: 12/8/2010 13:30

Sample ID: 10L0338-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
# Arsenic	13	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:50	OP
Barium	40	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:22	KSH
Cadmium	ND	0.50	0.032	1	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:22	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:50	OP
Lead	1.8	1.0	0.035	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:22	KSH
# Mercury	0.48	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:02	CWB
Selenium	1.1	5.0	0.78	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:22	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:22	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-5 | Sampled: 12/8/2010 14:00

Sample ID: 10L0338-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
# Benzene	20	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Carbon Disulfide	0.44	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
# Chlorobenzene	93	10	0.50	3	µg/L	10		SW-846 8260B	12/18/10	12/19/10 11:21	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2-Dichlorobenzene	2.8	1.0	0.060	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
# 1,4-Dichlorobenzene	8.7	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1-Dichloroethane	0.51	1.0	0.090	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
# cis-1,2-Dichloroethylene	6.1	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
trans-1,2-Dichloroethylene	0.10	1.0	0.070	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2-Dichloropropane	0.27	1.0	0.20	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Toluene	0.25	1.0	0.040	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Trichloroethylene	0.28	1.0	0.12	1	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR

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

Project Location: Hoke Landfill
Sample Description:
Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-5
Sampled: 12/8/2010 14:00

Sample ID: 10L0338-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
# Vinyl Chloride	6.4	2.0	0.16	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 6:05	TJR
o-Xylene	0.14	1.0	0.050	5	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 6:05	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/18/10 6:05
1,2-Dichloroethane-d4	99.4	70-130		12/19/10 11:21
Toluene-d8	100	70-130		12/19/10 11:21
Toluene-d8	101	70-130		12/18/10 6:05
4-Bromofluorobenzene	97.3	70-130		12/18/10 6:05
4-Bromofluorobenzene	93.8	70-130		12/19/10 11:21

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: MW-5 | Sampled: 12/8/2010 14:00

Sample ID: 10L0338-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
# Arsenic	11	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:55	OP
Barium	35	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:26	KSH
Cadmium	ND	0.50	0.032	1	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:26	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:55	OP
Lead	2.0	1.0	0.035	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:26	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:04	CWB
Selenium	1.4	5.0	0.78	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:26	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:26	KSH

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Downstream | Sampled: 12/8/2010 14:10

Sample ID: 10L0338-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Benzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Carbon Disulfide	0.16	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Chlorobenzene	0.24	1.0	0.050	3	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2-Dichlorobenzene	ND	1.0	0.060	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,4-Dichlorobenzene	ND	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1-Dichloroethane	ND	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
cis-1,2-Dichloroethylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Toluene	ND	1.0	0.040	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Trichloroethylene	ND	1.0	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Downstream | Sampled: 12/8/2010 14:10

Sample ID: 10L0338-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
Vinyl Chloride	ND	2.0	0.16	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR
o-Xylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 4:36	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/18/10 4:36
Toluene-d8	99.9	70-130		12/18/10 4:36
4-Bromofluorobenzene	96.5	70-130		12/18/10 4:36

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Downstream | Sampled: 12/8/2010 14:10

Sample ID: 10L0338-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:59	OP
Barium	21	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:29	KSH
Cadmium	ND	0.50	0.032	1	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:29	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 15:59	OP
Lead	0.20	1.0	0.035	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:29	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:06	CWB
Selenium	ND	5.0	0.78	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:29	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:29	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Middlestream | Sampled: 12/8/2010 14:30

Sample ID: 10L0338-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Benzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Carbon Disulfide	0.14	2.0	0.050	100	µg/L	1	J	SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Chlorobenzene	ND	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2-Dichlorobenzene	ND	1.0	0.060	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,4-Dichlorobenzene	ND	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1-Dichloroethane	ND	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
cis-1,2-Dichloroethylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Toluene	ND	1.0	0.040	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Trichloroethylene	ND	1.0	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Middlestream | Sampled: 12/8/2010 14:30

Sample ID: 10L0338-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
Vinyl Chloride	ND	2.0	0.16	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR
o-Xylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:06	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/18/10 5:06
Toluene-d8	99.2	70-130		12/18/10 5:06
4-Bromofluorobenzene	96.4	70-130		12/18/10 5:06

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Middlestream | Sampled: 12/8/2010 14:30

Sample ID: 10L0338-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 16:04	OP
Barium	22	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:33	KSH
Cadmium	ND	0.50	0.032	1	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:33	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 16:04	OP
Lead	0.21	1.0	0.035	10	µg/L	1	J	SW-846 6020A	12/20/10	12/20/10 16:33	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:08	CWB
Selenium	ND	5.0	0.78	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:33	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:33	KSH

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Upstream | Sampled: 12/8/2010 14:20

Sample ID: 10L0338-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	0.54	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Acrylonitrile	ND	5.0	0.51	200	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Benzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Bromochloromethane	ND	1.0	0.10	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Bromodichloromethane	ND	0.50	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Bromoform	ND	1.0	0.25	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Bromomethane	ND	2.0	0.38	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
2-Butanone (MEK)	ND	20	0.41	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Carbon Disulfide	ND	2.0	0.050	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Carbon Tetrachloride	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Chlorobenzene	ND	1.0	0.050	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Chlorodibromomethane	ND	0.50	0.12	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Chloroethane	ND	2.0	0.33	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Chloroform	ND	2.0	0.040	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Chloromethane	ND	2.0	0.13	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.48	13	µg/L	1	V-05	SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2-Dibromoethane (EDB)	ND	0.50	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Dibromomethane	ND	1.0	0.080	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2-Dichlorobenzene	ND	1.0	0.060	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,4-Dichlorobenzene	ND	1.0	0.11	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	0.77	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1-Dichloroethane	ND	1.0	0.090	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2-Dichloroethane	ND	1.0	0.090	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1-Dichloroethylene	ND	1.0	0.10	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
cis-1,2-Dichloroethylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
trans-1,2-Dichloroethylene	ND	1.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2-Dichloropropane	ND	1.0	0.20	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
cis-1,3-Dichloropropene	ND	1.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
trans-1,3-Dichloropropene	ND	0.50	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Ethylbenzene	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
2-Hexanone (MBK)	ND	10	0.66	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Iodomethane	ND	10	0.80	10	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Methylene Chloride	ND	5.0	2.3	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	0.22	100	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Styrene	ND	1.0	0.060	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	0.080	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	0.18	3	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Tetrachloroethylene	ND	1.0	0.14	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Toluene	ND	1.0	0.040	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1,1-Trichloroethane	ND	1.0	0.050	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,1,2-Trichloroethane	ND	1.0	0.080	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Trichloroethylene	ND	1.0	0.12	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.070	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
1,2,3-Trichloropropane	ND	2.0	0.21	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR

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

Project Location: Hoke Landfill
Sample Description:
Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Upstream
Sampled: 12/8/2010 14:20

Sample ID: 10L0338-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Vinyl Acetate	ND	20	12	50	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
Vinyl Chloride	ND	2.0	0.16	1	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
m+p Xylene	ND	2.0	0.070	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR
o-Xylene	ND	1.0	0.050	5	µg/L	1		SW-846 8260B	12/16/10	12/18/10 5:36	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/18/10 5:36
Toluene-d8	99.8	70-130		12/18/10 5:36
4-Bromofluorobenzene	96.6	70-130		12/18/10 5:36

con-test® ANALYTICAL LABORATORY

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

Project Location: Hoke Landfill | Sample Description: | Work Order: 10L0338

Date Received: 12/10/2010

Field Sample #: Upstream | Sampled: 12/8/2010 14:20

Sample ID: 10L0338-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	SWSL Limit	Units	DF	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	10	7.0	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 16:08	OP
Barium	21	10	0.54	100	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:36	KSH
Cadmium	ND	0.50	0.032	1	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:36	KSH
Chromium	ND	10	1.3	10	µg/L	1		SW-846 6010B	12/20/10	12/20/10 16:08	OP
Lead	1.8	1.0	0.035	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:36	KSH
Mercury	ND	0.10	0.059	0.2	µg/L	1		SW-846 7470A	12/30/10	12/30/10 14:09	CWB
Selenium	ND	5.0	0.78	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:36	KSH
Silver	ND	0.50	0.029	10	µg/L	1		SW-846 6020A	12/20/10	12/20/10 16:36	KSH

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

Sample Extraction Data

Prep Method: SM 3030C-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0338-01 [MW-1]	B023977	50.0	50.0	12/20/10
10L0338-02 [MW-6]	B023977	50.0	50.0	12/20/10
10L0338-03 [MW-2]	B023977	50.0	50.0	12/20/10
10L0338-04 [MW-3]	B023977	50.0	50.0	12/20/10
10L0338-05 [MW-5]	B023977	50.0	50.0	12/20/10
10L0338-06 [Downstream]	B023977	50.0	50.0	12/20/10
10L0338-07 [Middlestream]	B023977	50.0	50.0	12/20/10
10L0338-08 [Upstream]	B023977	50.0	50.0	12/20/10

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0338-01 [MW-1]	B023941	50.0	50.0	12/20/10
10L0338-02 [MW-6]	B023941	50.0	50.0	12/20/10
10L0338-03 [MW-2]	B023941	50.0	50.0	12/20/10
10L0338-04 [MW-3]	B023941	50.0	50.0	12/20/10
10L0338-05 [MW-5]	B023941	50.0	50.0	12/20/10
10L0338-06 [Downstream]	B023941	50.0	50.0	12/20/10
10L0338-07 [Middlestream]	B023941	50.0	50.0	12/20/10
10L0338-08 [Upstream]	B023941	50.0	50.0	12/20/10

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0338-01 [MW-1]	B024359	6.00	6.00	12/30/10
10L0338-02 [MW-6]	B024359	6.00	6.00	12/30/10
10L0338-03 [MW-2]	B024359	6.00	6.00	12/30/10
10L0338-04 [MW-3]	B024359	6.00	6.00	12/30/10
10L0338-05 [MW-5]	B024359	6.00	6.00	12/30/10
10L0338-06 [Downstream]	B024359	6.00	6.00	12/30/10
10L0338-07 [Middlestream]	B024359	6.00	6.00	12/30/10
10L0338-08 [Upstream]	B024359	6.00	6.00	12/30/10

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0338-01 [MW-1]	B023772	5	5.00	12/16/10
10L0338-02 [MW-6]	B023772	5	5.00	12/16/10
10L0338-03 [MW-2]	B023772	5	5.00	12/16/10
10L0338-04 [MW-3]	B023772	5	5.00	12/16/10
10L0338-05 [MW-5]	B023772	5	5.00	12/16/10
10L0338-06 [Downstream]	B023772	5	5.00	12/16/10
10L0338-07 [Middlestream]	B023772	5	5.00	12/16/10
10L0338-08 [Upstream]	B023772	5	5.00	12/16/10

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0338-05RE1 [MW-5]	B023895	0.5	5.00	12/18/10

con-test® ANALYTICAL LABORATORY

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 B023772 - SW-846 5030B										
Blank (B023772-BLK1)				Prepared: 12/16/10 Analyzed: 12/18/10						
Acetone	ND	50	µg/L							
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	0.42	2.0	µg/L							J
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							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,4-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	0.14	1.0	µg/L							J
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	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.2	70-130			

con-test® ANALYTICAL LABORATORY

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 B023772 - SW-846 5030B											
LCS (B023772-BS1)				Prepared: 12/16/10 Analyzed: 12/17/10							
Acetone	95.2	50	µg/L	100		95.2	70-160		25		†
Acrylonitrile	8.93	5.0	µg/L	10.0		89.3	70-130		25		
Benzene	11.0	1.0	µg/L	10.0		110	70-130		25		
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130		25		
Bromodichloromethane	11.1	0.50	µg/L	10.0		111	70-130		25		
Bromoform	7.80	1.0	µg/L	10.0		78.0	70-130		25		
Bromomethane	10.8	2.0	µg/L	10.0		108	40-160		25		†
2-Butanone (MEK)	92.3	20	µg/L	100		92.3	40-160		25		†
Carbon Disulfide	112	2.0	µg/L	100		112	70-130		25		
Carbon Tetrachloride	10.4	1.0	µg/L	10.0		104	70-130		25		
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130		25		
Chlorodibromomethane	8.95	0.50	µg/L	10.0		89.5	70-130		25		
Chloroethane	11.2	2.0	µg/L	10.0		112	70-130		25		
Chloroform	11.1	2.0	µg/L	10.0		111	70-130		25		
Chloromethane	9.73	2.0	µg/L	10.0		97.3	40-160		25		†
1,2-Dibromo-3-chloropropane (DBCP)	7.48	5.0	µg/L	10.0		74.8	70-130		25	V-05	
1,2-Dibromoethane (EDB)	9.98	0.50	µg/L	10.0		99.8	70-130		25		
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130		25		
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130		25		
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130		25		
trans-1,4-Dichloro-2-butene	8.02	2.0	µg/L	10.0		80.2	70-130		25		
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130		25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130		25		
1,1-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130		25		
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130		25		
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130		25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130		25		
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130		25		
trans-1,3-Dichloropropene	7.96	0.50	µg/L	10.0		79.6	70-130		25		
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130		25		
2-Hexanone (MBK)	87.8	10	µg/L	100		87.8	70-160		25		†
Iodomethane	109	10	µg/L	100		109	70-130		25		
Methylene Chloride	11.7	5.0	µg/L	10.0		117	70-130		25		
4-Methyl-2-pentanone (MIBK)	93.9	10	µg/L	100		93.9	70-160		25		†
Styrene	11.0	1.0	µg/L	10.0		110	70-130		25		
1,1,1,2-Tetrachloroethane	8.99	1.0	µg/L	10.0		89.9	70-130		25		
1,1,2,2-Tetrachloroethane	8.80	0.50	µg/L	10.0		88.0	70-130		25		
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105	70-130		25		
Toluene	10.8	1.0	µg/L	10.0		108	70-130		25		
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130		25		
1,1,2-Trichloroethane	9.83	1.0	µg/L	10.0		98.3	70-130		25		
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130		25		
Trichlorofluoromethane (Freon 11)	11.5	2.0	µg/L	10.0		115	70-130		25		
1,2,3-Trichloropropane	9.04	2.0	µg/L	10.0		90.4	70-130		25		
Vinyl Acetate	85.0	20	µg/L	100		85.0	70-130		25		
Vinyl Chloride	10.3	2.0	µg/L	10.0		103	40-160		25		†
m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130		25		
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130		25		
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100	70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.6	70-130				

con-test® ANALYTICAL LABORATORY

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 B023772 - SW-846 5030B											
LCS Dup (B023772-BSD1)				Prepared: 12/16/10 Analyzed: 12/17/10							
Acetone	93.2	50	µg/L	100		93.2	70-160	2.07	25		†
Acrylonitrile	9.53	5.0	µg/L	10.0		95.3	70-130	6.50	25		
Benzene	10.4	1.0	µg/L	10.0		104	70-130	5.53	25		
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130	4.53	25		
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130	2.28	25		
Bromoform	8.04	1.0	µg/L	10.0		80.4	70-130	3.03	25		
Bromomethane	9.91	2.0	µg/L	10.0		99.1	40-160	8.69	25		†
2-Butanone (MEK)	99.1	20	µg/L	100		99.1	40-160	7.05	25		†
Carbon Disulfide	103	2.0	µg/L	100		103	70-130	8.92	25		
Carbon Tetrachloride	10.2	1.0	µg/L	10.0		102	70-130	2.42	25		
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	3.91	25		
Chlorodibromomethane	9.04	0.50	µg/L	10.0		90.4	70-130	1.00	25		
Chloroethane	9.89	2.0	µg/L	10.0		98.9	70-130	12.4	25		
Chloroform	10.6	2.0	µg/L	10.0		106	70-130	4.87	25		
Chloromethane	9.03	2.0	µg/L	10.0		90.3	40-160	7.46	25		†
1,2-Dibromo-3-chloropropane (DBCP)	8.16	5.0	µg/L	10.0		81.6	70-130	8.70	25	V-05	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130	2.67	25		
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130	0.591	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	2.02	25		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	2.15	25		
trans-1,4-Dichloro-2-butene	7.78	2.0	µg/L	10.0		77.8	70-130	3.04	25		
1,1-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130	4.57	25		
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	0.748	25		
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	10.0	25		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	4.93	25		
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	7.20	25		
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107	70-130	2.87	25		
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	0.297	25		
trans-1,3-Dichloropropene	8.26	0.50	µg/L	10.0		82.6	70-130	3.70	25		
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	4.34	25		
2-Hexanone (MBK)	93.9	10	µg/L	100		93.9	70-160	6.80	25		†
Iodomethane	106	10	µg/L	100		106	70-130	3.40	25		
Methylene Chloride	10.7	5.0	µg/L	10.0		107	70-130	8.65	25		
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100	70-160	6.47	25		†
Styrene	10.5	1.0	µg/L	10.0		105	70-130	4.75	25		
1,1,1,2-Tetrachloroethane	8.92	1.0	µg/L	10.0		89.2	70-130	0.782	25		
1,1,2,2-Tetrachloroethane	9.18	0.50	µg/L	10.0		91.8	70-130	4.23	25		
Tetrachloroethylene	9.87	1.0	µg/L	10.0		98.7	70-130	6.28	25		
Toluene	10.3	1.0	µg/L	10.0		103	70-130	5.01	25		
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130	4.48	25		
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	1.91	25		
Trichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	3.68	25		
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130	10.3	25		
1,2,3-Trichloropropane	9.34	2.0	µg/L	10.0		93.4	70-130	3.26	25		
Vinyl Acetate	84.5	20	µg/L	100		84.5	70-130	0.614	25		
Vinyl Chloride	9.72	2.0	µg/L	10.0		97.2	40-160	5.99	25		†
m+p Xylene	21.0	2.0	µg/L	20.0		105	70-130	4.24	25		
o-Xylene	10.4	1.0	µg/L	10.0		104	70-130	3.20	25		
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.6	70-130				

con-test® ANALYTICAL LABORATORY

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 B023895 - SW-846 5030B										
Blank (B023895-BLK1)				Prepared: 12/18/10 Analyzed: 12/19/10						
Chlorobenzene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.2	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*23.3*		µg/L	25.0		93.3	70-130			
LCS (B023895-BS1)				Prepared: 12/18/10 Analyzed: 12/19/10						
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130		25	
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		95.9	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130			
LCS Dup (B023895-BSD1)				Prepared: 12/18/10 Analyzed: 12/19/10						
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.97	25	
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.0		95.5	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.2	70-130			

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B023941 - SM 3030C											
Blank (B023941-BLK1)				Prepared & Analyzed: 12/20/10							
Barium	0.35	10	µg/L								J
Cadmium	ND	0.50	µg/L								
Lead	ND	1.0	µg/L								
Selenium	ND	5.0	µg/L								
Silver	ND	0.50	µg/L								
LCS (B023941-BS1)				Prepared & Analyzed: 12/20/10							
Barium	512	100	µg/L	500		102	80-120			20	
Cadmium	524	5.0	µg/L	500		105	80-120			20	
Lead	512	10	µg/L	500		102	80-120			20	
Selenium	547	50	µg/L	500		109	80-120			20	
Silver	582	5.0	µg/L	500		116	80-120			20	
LCS Dup (B023941-BSD1)				Prepared & Analyzed: 12/20/10							
Barium	489	100	µg/L	500		97.8	80-120	4.58		20	
Cadmium	502	5.0	µg/L	500		100	80-120	4.42		20	
Lead	500	10	µg/L	500		100	80-120	2.27		20	
Selenium	500	50	µg/L	500		100	80-120	8.79		20	
Silver	558	5.0	µg/L	500		112	80-120	4.21		20	
Duplicate (B023941-DUP1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/20/10							
Barium	28.2	10	µg/L		29.9			5.83		20	
Cadmium	0.0262	0.50	µg/L		0.0363			**32.4**	*	20	J, R-04
Lead	0.309	1.0	µg/L		0.344			10.8		20	J
Selenium	ND	5.0	µg/L		ND			NC		20	
Silver	0.0515	0.50	µg/L		0.244			**130**	*	20	J, R-04
Matrix Spike (B023941-MS1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/20/10							
Barium	506	100	µg/L	500	29.9	95.2	75-125			20	
Cadmium	483	5.0	µg/L	500	0.0363	96.6	75-125			20	
Lead	482	10	µg/L	500	0.344	96.4	75-125			20	
Selenium	508	50	µg/L	500	ND	102	75-125			20	
Silver	525	5.0	µg/L	500	0.244	105	75-125			20	
Batch B023977 - SM 3030C											
Blank (B023977-BLK1)				Prepared & Analyzed: 12/20/10							
Arsenic	ND	10	µg/L								
Chromium	ND	10	µg/L								
LCS (B023977-BS1)				Prepared & Analyzed: 12/20/10							
Arsenic	478	10	µg/L	500		95.6	80-120			20	
Chromium	489	10	µg/L	500		97.9	80-120			20	

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023977 - SM 3030C										
LCS Dup (B023977-BSD1)				Prepared & Analyzed: 12/20/10						
Arsenic	474	10	µg/L	500		94.8	80-120	0.843	20	
Chromium	488	10	µg/L	500		97.5	80-120	0.359	20	
Duplicate (B023977-DUP1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/20/10						
Arsenic	ND	10	µg/L		ND			NC	20	
Chromium	ND	10	µg/L		ND			NC	20	
Matrix Spike (B023977-MS1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/20/10						
Arsenic	480	10	µg/L	500	ND	96.1	75-125		20	
Chromium	490	10	µg/L	500	ND	98.0	75-125		20	
Batch B024359 - SW-846 7470A Prep										
Blank (B024359-BLK1)				Prepared & Analyzed: 12/30/10						
Mercury	ND	0.10	µg/L							
LCS (B024359-BS1)				Prepared & Analyzed: 12/30/10						
Mercury	2.06	0.10	µg/L	2.00		103	80-120		20	
LCS Dup (B024359-BSD1)				Prepared & Analyzed: 12/30/10						
Mercury	2.01	0.10	µg/L	2.00		100	80-120	2.73	20	
Duplicate (B024359-DUP1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/30/10						
Mercury	ND	0.10	µg/L		ND			NC	20	
Matrix Spike (B024359-MS1)		**Source: 10L0338-01**		Prepared & Analyzed: 12/30/10						
Mercury	1.99	0.10	µg/L	2.00	ND	99.5	75-125		20	

con-test®
ANALYTICAL LABORATORY

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

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits estabished for difficult compound.
‡	Wide RPD limits estabished for difficult compound.
#	Data exceeded client recommended or regulatory level
RL	Method Reporting Limit
DL	Method Detection Limit
	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).
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
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.

con-test® ANALYTICAL LABORATORY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010B in Water	
Arsenic	CT,NH,NY,RI
Chromium	CT,NH,NY,RI
SW-846 6020A in Water	
Barium	CT,NH,NY,RI,NC
Cadmium	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
Selenium	CT,NH,NY,RI,NC
Silver	CT,NH,NY,RI,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
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
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
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
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
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
2-Hexanone (MBK)	CT,NH,NY,NC
Iodomethane	NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Styrene	CT,NH,NY,NC

con-test®
ANALYTICAL LABORATORY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
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
Toluene	CT,NH,NY,NC,RI
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
Vinyl Acetate	NH,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	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
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

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page ____ of ____

10L0338

Company Name: E2S
Address: 3008 Anderson Dr, Suite 102
Raleigh, NC 27609
Attention: Dot Shillington
Project Location: Hoke Landfill
Sampled By: CLS

Telephone: 919-791-7799
Project #
Client PO#

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

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

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	EPA-526.0 (w/ int.)	Total RCRA Metals	# of Containers	** Preservation	***Container Code
01	MW-1	12-8-10	12:00		X	GW		X	X			
02	MW-6	12-8-10	12:45		X	GW		X	X			
03	MW-2	12-8-10	1:00		X	GW		X	X			
04	MW-3	12-8-10	1:30		X	GW		X	X			
05	MW-5	12-8-10	2:00		X	GW		X	X			
06	downstream	12-8-10	2:10		X	GW		X	X			
07	middle stream	12-8-10	2:30		X	GW		X	X			
08	Upstream	12-8-10	2:20		X	GW		X	X			

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:
Wen Pienkowski 12/10/10 08:07

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)	Date/Time:
Season Shillington	12-8-10 4:10
Received by: (signature) Jillian Hurst	Date/Time: 12/8/10 4:10
Relinquished by: (signature) Jillian Hurst	Date/Time: 12/8/10 12:54
Received by: (signature) Ty Sandner	Date/Time: 12/9/10 1554

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: NC-SW Section

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

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Detection Limits

Search Results (388 Records) - 12/8/2010 3:49:53 PM

All units are in (ug/L) unless noted.

NE = Not Established

CAS numbers that begin with "SW" are not real CAS numbers, instead this represents the Solid Waste Section's ID

Names in green signify Appendix I and II Constituents

CAS Number	Name	Other Names	2L Std.	GWP* Std.	SWSL **	SW ID
630-20-6	1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-	NE	1	5	190
71-55-6	1,1,1-Trichloroethane; Methylchloroform	Ethane, 1,1,1-trichloro-	200	--	1	200
79-34-5	1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro-	0.2	0.18	3	191
79-00-5	1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro-	NE	0.6	1	202
75-34-3	1,1-Dichloroethane; Ethylidene chloride	Ethane, 1,1-dichloro-	6	--	5	75
75-35-4	1,1-Dichloroethylene; 1,1-Dichloroethene;	Ethene, 1,1-dichloro-	7	--	5	77
96-18-4	1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-	0.005	--	1	206
96-12-8	1,2-Dibromo-3-chloropropane; DBCP	Propane, 1,2-dibromo-3-chloro-	0.04	--	13	67
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB	Ethane, 1,2-dibromo-	0.02	--	1	68
107-06-2	1,2-Dichloroethane; Ethylene dichloride	Ethane, 1,2-dichloro-	0.4	--	1	76
78-87-5	1,2-Dichloropropane	Propane, 1,2-dichloro-	0.6	--	1	82
591-78-6	2-Hexanone; Methyl butyl ketone	2-Hexanone	NE	280	50	124
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl ketone	2-Pentanone, 4-methyl-	NE	560	100	147
67-64-1	Acetone	2-Propanone	6000	--	100	3
107-13-1	Acrylonitrile	2-Propenenitrile	NE	NE	200	8
71-43-2	Benzene	Benzene	1	--	1	16
74-97-5	Bromochloromethane; Chlorobromethane	Methane, bromochloro-	NE	0.6	3	28
75-27-4	Bromodichloromethane; Dichlorobromomethane	Methane, bromodichloro-	0.6	--	1	29
75-25-2	Bromoform; Tribromomethane	Methane, tribromo-	4	--	3	30
75-15-0	Carbon disulfide	Carbon disulfide	700	--	100	35
56-23-5	Carbon tetrachloride	Methane, tetrachloro-	0.3	--	1	36
108-90-7	Chlorobenzene	Benzene, chloro-	50	--	3	39
75-00-3	Chloroethane; Ethyl chloride	Ethane, chloro-	3000	--	10	41
67-66-3	Chloroform; Trichloromethane	Methane, trichloro-	70	--	5	44
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	Ethene, 1,2-dichloro-,(Z)-	70	--	5	78
10061-01-5	cis-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (Z)-	0.4	--	1	86
124-48-1	Dibromochloromethane; Chlorodibromomethane	Methane, dibromochloro-	0.4	0.41	3	66
100-41-4	Ethylbenzene	Benzene, ethyl-	600	--	1	110
74-83-9	Methyl bromide; Bromomethane	Methane, bromo-	NE	10	10	136
74-87-3	Methyl chloride; Chloromethane	Methane, chloro-	3	--	1	137
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone	2-Butanone	4000	--	100	141
74-88-4	Methyl iodide; Iodomethane	Methane, iodo-	NE	NE	10	142
74-95-3	Methylene bromide; Dibromomethane	Methane, dibromo-	NE	70	10	139
75-09-2	Methylene chloride; Dichloromethane	Methane, dichloro-	5	--	1	140
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene	Benzene, 1,2-dichloro-	20	--	5	69
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	Benzene, 1,4-dichloro-	6	--	1	71
100-42-5	Styrene	Benzene, ethenyl-	70	--	1	186
127-18-4	Tetrachloroethylene; Tetrachloroethene; Perchloroethylene	Ethene, tetrachloro-	0.7	--	1	192

108-88-3	Toluene	Benzene, methyl-	600	--	1	196
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	Ethene, 1,2-dichloro-,(E)-	100	--	5	79
10061-02-6	trans-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (E)-	0.4	--	1	87
110-57-6	trans-1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-, (E)-	NE	NE	100	73
79-01-6	Trichloroethylene; Trichloroethene	Ethene, trichloro-	3	--	1	201
75-69-4	Trichlorofluoromethane; CFC-11	Methane,trichlorofluoro-	2000	--	1	203
108-05-4	Vinyl acetate	Acetic acid, ethenylester	NE	88	50	210
75-01-4	Vinyl chloride; Chloroethene	Ethene, chloro-	0.03	--	1	211
1330-20-7	Xylene (total)	dimethyl	500	--	5	346

* GWP = Groundwater Protection

** SWSL = Solid Waste Section Limit

	METALS					
CAS Number	**Name**	**Other Names**	**2L Std.**	**GWP* Std.**	**SWSL****	**SW ID**
7440-38-2	Arsenic	Arsenic	10	--	10	14
7440-39-3	Barium	Barium	700	--	100	15
7440-43-9	Cadmium	Cadmium	2	--	1	34
7440-47-3	Chromium	Chromium	10	--	10	51
7439-92-1	Lead	Lead	15	--	10	131
7439-97-6	Mercury	Mercury	1	--	0.2	132
7782-49-2	Selenium	Selenium	20	--	10	183
7440-22-4	Silver	Silver	20	--	10	184

United States

My UPS Shipping Tracking Freight Locations Support Bu

Tracking
- Track Shipments
  - Track by Reference
  - Track by E-mail
  - Signature Tracking
  - Import Tracking Numbers
  - SMS Tracking
- Track with Quantum View
- Access Flex Global View
- Integrate Tracking Tools
- Void a Shipment

Search Support

Enter a keyword:

Search

You asked for it.
We delivered.
Preview tracking enhancements

UPS Returns

Turn returns into your advantage.
View Demo

Track Shipments

Track Packages & Freight | Quantum View | Flex Global View

Tracking Detail

Your package has been delivered. To view Proof of Delivery, please select t

Tracking Number:	1Z89120W2110000239
Status:	Delivered Proof of Delivery
Delivered On:	12/10/2010 8:07 A.M.
Signed By:	PENKOSKI
Location:	RECEIVER
Delivered To:	SPRINGFIELD, MA, US
Type:	Package
Service:	NEXT DAY EARLY AM

To view additional tracking information, please log in to My UPS.

Show Package Progress

NOTICE: UPS authorizes you to use UPS tracking systems solely to track shipme for no other purpose. Any other use of UPS tracking systems and information is st

Back to Previous

www.contestlabs.com

con-test ANALYTICAL LABORATORY

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

Sample Receipt Checklist

CLIENT NAME: E²S RECEIVED BY: AP DATE: 12/10/10

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 2.8°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~~ 18

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	8	Air Cassette	
40 mL Vial - type listed below	16	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:

Time and Date Frozen:

40 mL vials: # HCl 16 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Do all samples have the proper Acid pH: Yes (No) ~~N/A~~ AP pH <2 except for MW-3 = nonpres

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

June 2010