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

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):

Buxton Environmental, Inc.

RECEIVED MAY -6 2011 SOLID WASTE SECTION

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

Name: Ross Klingman, P.G. Phone: 704-344-1450

E-mail: buxtonenv@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Alamance Co. - Closed Swepsonville Landfill	Alfred Road	0101	.0500	March 14, 2011

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.

Ross Klingman, P.G. — President — 704-344-1450

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

Signature — 5/3/11 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

1101 South Blvd., Suite 101, Charlotte, NC 28203

Facility Representative Address

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

Revised 6/2009

FIRST SEMI-ANNUAL 2011
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

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FIRST SEMI-ANNUAL 2011
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the first semi-annual 2011 groundwater and surface water monitoring activities conducted at the closed Swepsonville Landfill located in Alamance County, North Carolina. The purpose for conducting the assessment was to monitor water quality at the subject site. A site layout map is provided in Figure 1.

The monitoring activities were conducted in general accordance with the North Carolina Department of Environment and Natural Resources, Division of Waste Management-Solid Waste Section (NCDWM) rules, and NCDWM memorandums dated October 27, 2006, February 23, 2007 and October 16, 2007 concerning changes to laboratory detection limits and reporting requirements, and the NCDWM groundwater and surface water sampling guidelines dated April 2008. A summary of background information, and the methods, results, conclusions and recommendations of this investigation are outlined below.

2.0 BACKGROUND INFORMATION

The Swepsonville Landfill operated as a municipal solid waste landfill until it was closed in 1993. To comply with NCDWM rules, semi-annual groundwater and surface water monitoring has been conducted at the site since October 1995. Water samples have been analyzed for Appendix I volatile organic compounds (VOC's) and metals plus mercury. Historical groundwater samples have indicated VOC's and metals above the North Carolina Groundwater Protection Standards (NCGPS's).

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On March 14, 2011, Buxton Environmental, Inc. conducted the first semi-annual 2011 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at eleven monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-7B, MW-8A, MW-8B and MW-9. Two surface water samples SW-1 and SW-2 were collected from Haw Creek located to the east the landfill.

Prior to conducting the sampling activities, groundwater levels were obtained from each monitor well with a depth-to-water electrode to the nearest 0.01 foot. Following the gauging activities, each well was purged of three well bore volumes of water or until dryness with a disposable Teflon bailer attached to new nylon rope. Field parameters including pH, conductivity and temperature were collected at each well following purging and at surface water sample locations. Purge water was poured on the ground surface at respective well heads. Groundwater gauging and field parameter data are provided in Tables 1 and 2, respectively.

The groundwater and surface water samples were analyzed for Appendix I VOC's by EPA Method 8260B, Appendix I metals by EPA Method 6020A, and mercury by EPA Method 7470A. For quality control purposes, one trip blank was analyzed for Appendix I VOC's. The trip blank was prepared by the laboratory. The laboratory analyses were conducted by Shealy Environmental Services, Inc. in West Columbia, South Carolina. The water samples were collected in general accordance with accepted protocol, including chain-of-custody documentation.

4.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the first semi-annual 2011 event are presented in Tables 2 and 3, respectively. Laboratory data sheets are presented in Appendix A.

Groundwater Analytical Results

Groundwater samples MW-1, MW-2, MW-4, MW-7A, MW-7B and MW-8B indicated target constituents above NCGPS's, which are summarized below.

Groundwater sample MW-1 indicated the presence of 1.4 micrograms per liter (ug/l) tetrachloroethene.

Groundwater sample MW-2 indicated the presence of 160 ug/l 1,1-dichloroethane, 2.6 ug/l 1,2-dichloroethane, 11 ug/l 1,1-dichloroethene, 92 ug/l cis-1,2-dichloroethene, 5.5 ug/l 1,2-dichloropropane, 27 ug/l tetrachloroethene, 55 ug/l trichloroethene, 9.5 ug/l vinyl chloride and 5.7 ug/l vanadium.

Groundwater sample MW-4 indicated the presence of 1.1 ug/l benzene, 11 ug/l 1,4-dichlorobenzene, 79 ug/l 1,1-dichloroethane, 320 ug/l cis-1,2-dichlroethene, 1.9 ug/l 1,2-dichloropropane, 21 ug/l vinyl chloride and 86 ug/l cobalt.

Groundwater sample MW-7A indicated the presence of 1.4 ug/l benzene, 6.8 ug/l 1,1-dichloroethane, 4.3 ug/l tetrachloroethene, 4.9 ug/l trichloroethene and 1.9 ug/l vinyl chloride.

Groundwater sample MW-7B indicated the presence of 5.3 ug/l benzene, 31 ug/l 1,1-dichloroethane, 5.8 ug/l tetrachloroethene, 13 ug/l trichloroethene and 4.1 ug/l vinyl chloride.

Groundwater sample MW-8B indicated the presence of 5.2 ug/l vanadium.

The remaining groundwater samples MW-3, MW-5, MW-6, MW-8A and MW-9 did not indicate target constituents above NCGPS's.

Surface Water Analytical Results

Surface water samples SW-1 and SW-2 did not indicate target constituents above NCGPS's.

Quality Control Analytical Results

The trip blank did not indicate target VOC's above method detection limits.

5.0 CONCLUSIONS

On March 14, 2011, Buxton Environmental, Inc. conducted the first semi-annual 2011 groundwater and surface water monitoring activities at the closed Swepsonville Landfill located in Alamance County, North Carolina. A summary of the findings of this investigation is provided below.

- Groundwater samples collected at MW-1, MW-2, MW-4, MW-7A, MW-7B and MW-8B indicated target constituents above NCGPS's.

- The surface water samples did not indicate target constituents above the NCGPS's.

6.0 RECOMMENDATIONS

Based on the findings of this assessment, Buxton Environmental, Inc. makes the following recommendations.

- Semi-annual groundwater and surface water monitoring should continue to be conducted at the closed Swepsonville Landfill. The next sampling event is anticipated to be conducted in September 2011.

- A copy of this report should be forwarded to the NCDWM for their review.

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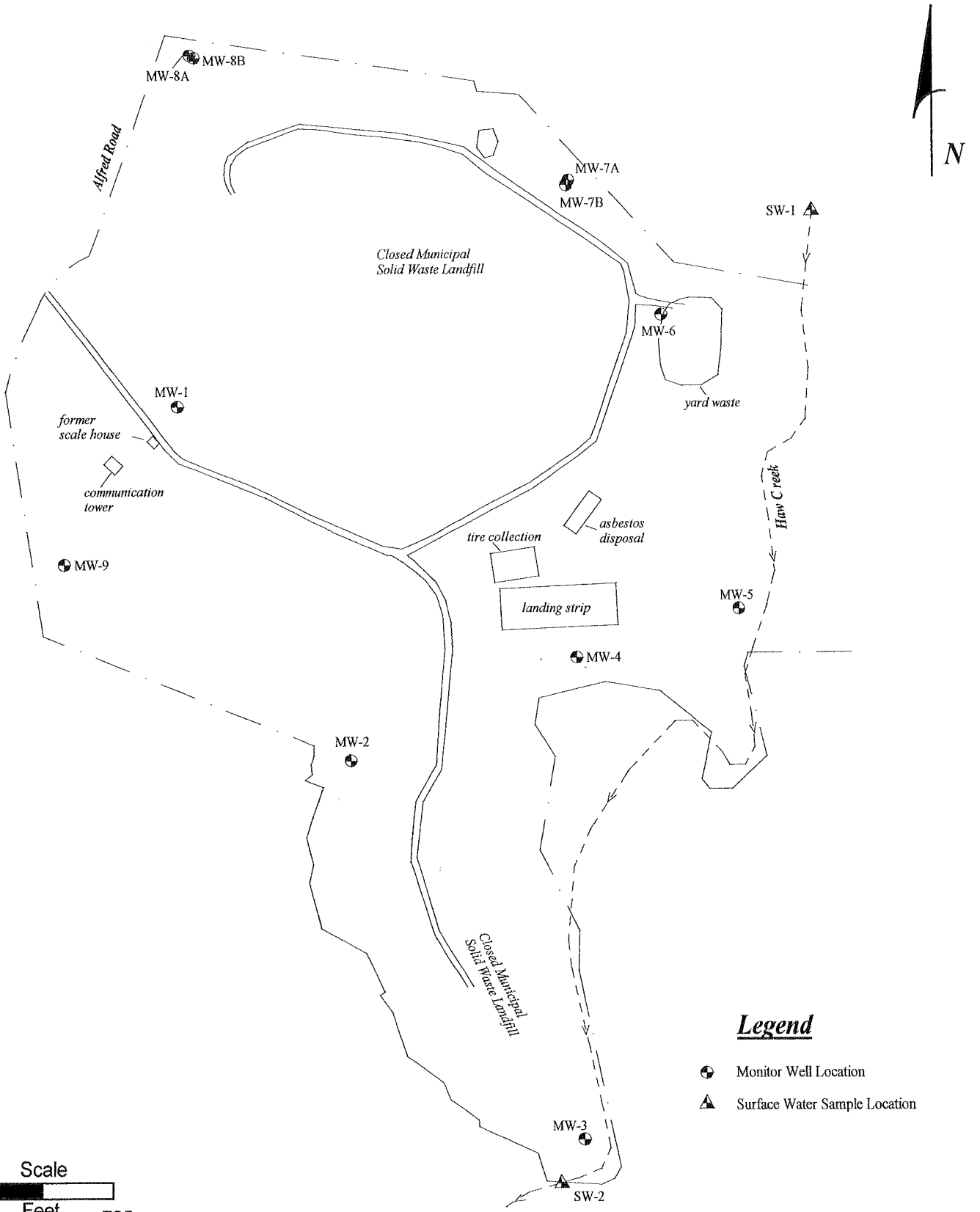
FIGURES



Source: "Monitoring Well and Surface Water Locations" map prepared by MACTEC Engineering & Consulting, Inc. in May 2004

Closed Swepsonville Landfill Alamance County, NC	Buxton Environmental, Inc.	Figure 1. Site Layout Map

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 14, 2011

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	33.00	574.67	22.20	552.47
MW-2	29.90	510.67	26.83	483.84
MW-3	24.10	466.63	7.25	459.38
MW-4	50.00	497.57	30.37	467.20
MW-5	19.00	476.56	7.17	469.39
MW-6	50.00	529.50	21.33	508.17
MW-7A	31.05	554.12	20.05	534.07
MW-7B	64.02	553.09	22.25	530.84
MW-8A	65.00	591.08	24.36	566.72
MW-8B	26.00	591.25	23.80	567.45
MW-9	27.50	568.78	20.30	548.48

Notes:
Depth to water measurements obtained on March 14, 2011 to the nearest 0.01 foot with a depth to water meter.
TD=total depth;BTOC=below top of casing;TOC=top of casing;DTW=depth to water;ft=feet
TD and TOC elevation data obtained from the "Report of Semi-Annual Water Quality Monitoring, Swepsonville Landfill, Graham, Alamance Co., North Carolina" report prepared by MACTEC in April 2005

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TABLE 2
GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 14, 2011

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	6.01	116	60.9
MW-2	6.74	388	57.6
MW-3	7.43	104	52.3
MW-4	7.08	1,107	56.6
MW-5	7.95	215	50.9
MW-6	6.12	181	58.7
MW-7A	6.79	137	60.0
MW-7B	6.92	230	58.3
MW-8A	6.97	54	57.3
MW-8B	6.66	394	56.9
MW-9	6.32	63	57.7
SW-1	7.12	108	55.7
SW-2	7.52	116	53.6

Notes:
Field parameters collected on March 14, 2011. Field parameters at monitor wells collected after purging 3 well volumes of water or to dryness, and surface water field parameters collected immediately prior to sampling.
K = conductivity
T = temperature
uS = microsiemens

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TABLE 3
GROUNDWATER ANALYTICAL DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 14, 2011

Sample ID	*MW-1*	*MW-2*	*MW-3*	*MW-4*	*MW-5*	*MW-6*	*MW-7A*	*MW-7B*	*MW-8A*	*MW-8B*	*MW-9*	*NCGPS*
VOC's												
Benzene	BDL	0.43J	BDL	**1.1**	BDL	BDL	**1.4**	**5.3**	BDL	BDL	BDL	1
Chlorobenzene	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Chloroethane	BDL	2.8	BDL	9.7	BDL	BDL	1.4J	3.4	BDL	BDL	BDL	3,000
1,2-Dichlorobenzene	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
1,4-Dichlorobenzene	BDL	4.6	BDL	**11**	BDL	BDL	0.55J	2.3	BDL	BDL	BDL	6
1,1-Dichloroethane	BDL	**160**	BDL	**79**	BDL	BDL	**6.8**	**21**	BDL	BDL	BDL	6
1,2-Dichloroethane	BDL	**2.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.4
1,1-Dichloroethene	BDL	**11**	BDL	0.31J	BDL	BDL	BDL	0.2J	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	BDL	**92**	BDL	**320**	BDL	BDL	19	43	BDL	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	2.5	BDL	1.9	BDL	BDL	BDL	0.22J	BDL	BDL	BDL	100
1,2-Dichloropropane	BDL	**5.5**	BDL	**1.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	**1.4**	**27**	BDL	0.17J	BDL	BDL	**4.3**	**5.8**	BDL	BDL	BDL	0.7
1,1,1-Trichloroethane	BDL	0.54J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200
1,1,2-Trichloroethane	BDL	0.46J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
Trichloroethene	BDL	**55**	BDL	1.4	BDL	BDL	**4.9**	**13**	BDL	BDL	BDL	3
Vinyl Chloride	BDL	**9.5**	BDL	**21**	BDL	BDL	**1.9**	**4.1**	BDL	BDL	BDL	0.03
Metals												
Antimony	0.19J	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	1.4
Arsenic	BDL	BDL	BDL	0.78J	0.28J	BDL	BDL	BDL	BDL	1.6J	BDL	10
Barium	110	170	47	120	57	82	57	130	13	65	46	700
Beryllium	0.31J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17J	BDL	4
Cadmium	0.21	0.62	BDL	0.2	0.14	0.13	0.2	0.21	0.13	0.23	0.095J	2
Chromium	BDL	1.3J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.83J	BDL	10
Cobalt	0.18J	1.8J	0.13J	**86**	0.24J	2.7J	1.2J	0.51J	0.063J	2.4	5.2	70
Copper	4.1	3.5	0.3J	1.4	2.6	BDL	1.1	0.89J	0.22J	1.3	0.53J	1,000
Lead	0.52BJ	11B	0.12BJ	0.43BJ	0.2BJ	0.053BJ	0.59BJ	0.071BJ	0.22BJ	1.4B	0.11BJ	15
Mercury	0.1	0.054J	BDL	BDL	BDL	BDL	0.057J	0.15	BDL	BDL	BDL	1
Nickel	0.3J	7.7	0.56J	5	0.6J	0.56J	0.68J	2.1J	BDL	0.53J	1.6J	100
Selenium	BDL	0.38J	BDL	1	BDL	0.38J	BDL	0.29J	BDL	BDL	BDL	20
Silver	0.04J	BDL	BDL	0.012J	0.085J	BDL	0.018J	BDL	BDL	BDL	BDL	20
Vanadium	BDL	**5.7**	BDL	BDL	BDL	BDL	2J	BDL	BDL	**5.2**	BDL	3.5
Zinc	10	12	1.6	8.1J	4J	3J	5.6J	5.7J	1.9J	24	3.4J	1,000

Notes:
Groundwater samples collected on March 14, 2011and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6020A and mercury by EPA Method 7470A.
Analyses by Shealy Environmental Services, Inc. in West Columbia, SC.
NCGPS=North Carolina Groundwater Protection Standard
BDL=below detection limit; NS = no standard
Bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
NT = not tested (limited water or dry well)
B = detected in method blank
J = estimated result <PQL and >=MDL

TABLE 4
SURFACE WATER ANALYTICAL DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 14, 2011

Sample ID	***SW-1***	***SW-2***	***NCGPS***
Volatile Organic Compounds			
Bromoform	BDL	0.84J	4
cis-1,2-Dichloroethene	BDL	0.31J	70
Styrene	BDL	0.12J	70
Metals			
Arsenic	0.36J	BDL	10
Barium	28	28	700
Chromium	0.49J	0.62J	10
Cobalt	0.37J	0.39J	70
Copper	1.7	2.3	1,000
Lead	0.54BJ	0.99BJ	15
Mercury	0.079J	BDL	1
Nickel	0.41J	0.58J	100
Vanadium	2.4J	2.7J	3.5
Zinc	4J	4.3J	1,000

Notes:
Surface water samples collected on March 14, 2011 and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6020A, & mercury by EPA Method 7470A. Analyses by Shealy Environmental Services, Inc. in West Columbia, SC.
BDL=below detection limit; NA = not applicable
NCGPS=North Carolina Groundwater Protection Standard
Bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

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APPENDIX A
LABORATORY DATA SHEETS

Report of Analysis

Buxton Environmental
PO Box 11550
Charlotte, NC 28220
Attention: Ross Klingman

Project Name: **Alamance Co - Swepsonville Landfill**

Lot Number: **MC15043**
Date Completed: **03/23/2011**

Nisreen Saikaly
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

• • • • • • • • •

Case Narrative
Buxton Environmental
Lot Number: MC15043

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
Buxton Environmental
Lot Number: MC15043

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	03/14/2011 1430	03/15/2011
002	MW-2	Aqueous	03/14/2011 1730	03/15/2011
003	MW-3	Aqueous	03/14/2011 1800	03/15/2011
004	MW-4	Aqueous	03/14/2011 1830	03/15/2011
005	MW-5	Aqueous	03/14/2011 1900	03/15/2011
006	MW-6	Aqueous	03/14/2011 1515	03/15/2011
007	MW-7A	Aqueous	03/14/2011 1600	03/15/2011
008	MW-7B	Aqueous	03/14/2011 1615	03/15/2011
009	MW-8A	Aqueous	03/14/2011 1645	03/15/2011
010	MW-8B	Aqueous	03/14/2011 1700	03/15/2011
011	MW-9	Aqueous	03/14/2011 1500	03/15/2011
012	SW-1	Aqueous	03/14/2011 1530	03/15/2011
013	SW-2	Aqueous	03/14/2011 1815	03/15/2011
014	Trip Blank	Aqueous	03/14/2011	03/15/2011

(14 samples)

Executive Summary
Buxton Environmental
Lot Number: MC15043

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Tetrachloroethene	8260B	1.4		ug/L	8
001	MW-1	Aqueous	Antimony	6020A	0.19	J	ug/L	10
001	MW-1	Aqueous	Barium	6020A	110		ug/L	10
001	MW-1	Aqueous	Beryllium	6020A	0.31	J	ug/L	10
001	MW-1	Aqueous	Cadmium	6020A	0.21		ug/L	10
001	MW-1	Aqueous	Cobalt	6020A	0.18	J	ug/L	10
001	MW-1	Aqueous	Copper	6020A	4.1		ug/L	10
001	MW-1	Aqueous	Lead	6020A	0.52	BJ	ug/L	10
001	MW-1	Aqueous	Nickel	6020A	0.30	J	ug/L	10
001	MW-1	Aqueous	Silver	6020A	0.040	J	ug/L	10
001	MW-1	Aqueous	Zinc	6020A	10		ug/L	10
001	MW-1	Aqueous	Mercury	7470A	0.00010		mg/L	11
002	MW-2	Aqueous	Benzene	8260B	0.43	J	ug/L	12
002	MW-2	Aqueous	Chloroethane	8260B	2.8		ug/L	12
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	4.6		ug/L	12
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	160		ug/L	12
002	MW-2	Aqueous	1,2-Dichloroethane	8260B	2.6		ug/L	12
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	11		ug/L	12
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	92		ug/L	12
002	MW-2	Aqueous	trans-1,2-Dichloroethene	8260B	2.5		ug/L	12
002	MW-2	Aqueous	1,2-Dichloropropane	8260B	5.5		ug/L	12
002	MW-2	Aqueous	Tetrachloroethene	8260B	27		ug/L	12
002	MW-2	Aqueous	1,1,1-Trichloroethane	8260B	0.54	J	ug/L	12
002	MW-2	Aqueous	1,1,2-Trichloroethane	8260B	0.46	J	ug/L	12
002	MW-2	Aqueous	Trichloroethene	8260B	55		ug/L	12
002	MW-2	Aqueous	Vinyl chloride	8260B	9.5		ug/L	13
002	MW-2	Aqueous	Barium	6020A	170		ug/L	14
002	MW-2	Aqueous	Cadmium	6020A	0.62		ug/L	14
002	MW-2	Aqueous	Chromium	6020A	1.3	J	ug/L	14
002	MW-2	Aqueous	Cobalt	6020A	1.8	J	ug/L	14
002	MW-2	Aqueous	Copper	6020A	3.5		ug/L	14
002	MW-2	Aqueous	Lead	6020A	11	B	ug/L	14
002	MW-2	Aqueous	Nickel	6020A	7.7		ug/L	14
002	MW-2	Aqueous	Selenium	6020A	0.38	J	ug/L	14
002	MW-2	Aqueous	Vanadium	6020A	5.7		ug/L	14
002	MW-2	Aqueous	Zinc	6020A	12		ug/L	14
002	MW-2	Aqueous	Mercury	7470A	0.000054	J	mg/L	15
003	MW-3	Aqueous	Barium	6020A	47		ug/L	18
003	MW-3	Aqueous	Cobalt	6020A	0.13	J	ug/L	18
003	MW-3	Aqueous	Copper	6020A	0.30	J	ug/L	18
003	MW-3	Aqueous	Lead	6020A	0.12	BJ	ug/L	18
003	MW-3	Aqueous	Nickel	6020A	0.56	J	ug/L	18
003	MW-3	Aqueous	Zinc	6020A	1.6	J	ug/L	18
004	MW-4	Aqueous	Benzene	8260B	1.1		ug/L	20
004	MW-4	Aqueous	Chlorobenzene	8260B	1.3		ug/L	20

Executive Summary (Continued)

Lot Number: MC15043

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
004	MW-4	Aqueous	Chloroethane	8260B	9.7		ug/L	20
004	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.7		ug/L	20
004	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	11		ug/L	20
004	MW-4	Aqueous	1,1-Dichloroethane	8260B	79		ug/L	20
004	MW-4	Aqueous	1,1-Dichloroethene	8260B	0.31	J	ug/L	20
004	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	320		ug/L	20
004	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	1.9		ug/L	20
004	MW-4	Aqueous	1,2-Dichloropropane	8260B	1.9		ug/L	20
004	MW-4	Aqueous	Tetrachloroethene	8260B	0.17	J	ug/L	20
004	MW-4	Aqueous	Trichloroethene	8260B	1.4		ug/L	20
004	MW-4	Aqueous	Vinyl chloride	8260B	21		ug/L	21
004	MW-4	Aqueous	Arsenic	6020A	0.78	J	ug/L	22
004	MW-4	Aqueous	Barium	6020A	120		ug/L	22
004	MW-4	Aqueous	Cadmium	6020A	0.20		ug/L	22
004	MW-4	Aqueous	Cobalt	6020A	86		ug/L	22
004	MW-4	Aqueous	Copper	6020A	1.4		ug/L	22
004	MW-4	Aqueous	Lead	6020A	0.43	BJ	ug/L	22
004	MW-4	Aqueous	Nickel	6020A	5.0		ug/L	22
004	MW-4	Aqueous	Selenium	6020A	1.0		ug/L	22
004	MW-4	Aqueous	Silver	6020A	0.012	J	ug/L	22
004	MW-4	Aqueous	Zinc	6020A	8.1	J	ug/L	22
005	MW-5	Aqueous	Antimony	6020A	1.1		ug/L	26
005	MW-5	Aqueous	Arsenic	6020A	0.28	J	ug/L	26
005	MW-5	Aqueous	Barium	6020A	57		ug/L	26
005	MW-5	Aqueous	Cadmium	6020A	0.14		ug/L	26
005	MW-5	Aqueous	Cobalt	6020A	0.24	J	ug/L	26
005	MW-5	Aqueous	Copper	6020A	2.6		ug/L	26
005	MW-5	Aqueous	Lead	6020A	0.20	BJ	ug/L	26
005	MW-5	Aqueous	Nickel	6020A	0.60	J	ug/L	26
005	MW-5	Aqueous	Silver	6020A	0.085	J	ug/L	26
005	MW-5	Aqueous	Zinc	6020A	4.0	J	ug/L	26
006	MW-6	Aqueous	Barium	6020A	82		ug/L	30
006	MW-6	Aqueous	Cadmium	6020A	0.13		ug/L	30
006	MW-6	Aqueous	Cobalt	6020A	2.7	J	ug/L	30
006	MW-6	Aqueous	Lead	6020A	0.053	BJ	ug/L	30
006	MW-6	Aqueous	Nickel	6020A	0.56	J	ug/L	30
006	MW-6	Aqueous	Selenium	6020A	0.38	J	ug/L	30
006	MW-6	Aqueous	Zinc	6020A	3.0	J	ug/L	30
007	MW-7A	Aqueous	Benzene	8260B	1.4		ug/L	32
007	MW-7A	Aqueous	Chloroethane	8260B	1.4	J	ug/L	32
007	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	0.55	J	ug/L	32
007	MW-7A	Aqueous	1,1-Dichloroethane	8260B	6.8		ug/L	32
007	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	19		ug/L	32
007	MW-7A	Aqueous	Tetrachloroethene	8260B	4.3		ug/L	32
007	MW-7A	Aqueous	Trichloroethene	8260B	4.9		ug/L	32
007	MW-7A	Aqueous	Vinyl chloride	8260B	1.9		ug/L	33
007	MW-7A	Aqueous	Barium	6020A	57		ug/L	34
007	MW-7A	Aqueous	Cadmium	6020A	0.20		ug/L	34

Executive Summary (Continued)

Lot Number: MC15043

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-7A	Aqueous	Cobalt	6020A	1.2	J	ug/L	34
007	MW-7A	Aqueous	Copper	6020A	1.1		ug/L	34
007	MW-7A	Aqueous	Lead	6020A	0.59	BJ	ug/L	34
007	MW-7A	Aqueous	Nickel	6020A	0.68	J	ug/L	34
007	MW-7A	Aqueous	Silver	6020A	0.018	J	ug/L	34
007	MW-7A	Aqueous	Vanadium	6020A	2.0	J	ug/L	34
007	MW-7A	Aqueous	Zinc	6020A	5.6	J	ug/L	34
007	MW-7A	Aqueous	Mercury	7470A	0.000057	J	mg/L	35
008	MW-7B	Aqueous	Benzene	8260B	5.3		ug/L	36
008	MW-7B	Aqueous	Chloroethane	8260B	3.4		ug/L	36
008	MW-7B	Aqueous	1,4-Dichlorobenzene	8260B	2.3		ug/L	36
008	MW-7B	Aqueous	1,1-Dichloroethane	8260B	21		ug/L	36
008	MW-7B	Aqueous	1,1-Dichloroethene	8260B	0.20	J	ug/L	36
008	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	43		ug/L	36
008	MW-7B	Aqueous	trans-1,2-Dichloroethene	8260B	0.22	J	ug/L	36
008	MW-7B	Aqueous	Tetrachloroethene	8260B	5.8		ug/L	36
008	MW-7B	Aqueous	Trichloroethene	8260B	13		ug/L	36
008	MW-7B	Aqueous	Vinyl chloride	8260B	4.1		ug/L	37
008	MW-7B	Aqueous	Barium	6020A	130		ug/L	38
008	MW-7B	Aqueous	Cadmium	6020A	0.21		ug/L	38
008	MW-7B	Aqueous	Cobalt	6020A	0.51	J	ug/L	38
008	MW-7B	Aqueous	Copper	6020A	0.89	J	ug/L	38
008	MW-7B	Aqueous	Lead	6020A	0.071	BJ	ug/L	38
008	MW-7B	Aqueous	Nickel	6020A	2.1	J	ug/L	38
008	MW-7B	Aqueous	Selenium	6020A	0.29	J	ug/L	38
008	MW-7B	Aqueous	Zinc	6020A	5.7	J	ug/L	38
008	MW-7B	Aqueous	Mercury	7470A	0.00015		mg/L	39
009	MW-8A	Aqueous	Barium	6020A	13		ug/L	42
009	MW-8A	Aqueous	Cadmium	6020A	0.13		ug/L	42
009	MW-8A	Aqueous	Cobalt	6020A	0.063	J	ug/L	42
009	MW-8A	Aqueous	Copper	6020A	0.22	J	ug/L	42
009	MW-8A	Aqueous	Lead	6020A	0.22	BJ	ug/L	42
009	MW-8A	Aqueous	Zinc	6020A	1.9	J	ug/L	42
010	MW-8B	Aqueous	Arsenic	6020A	1.6	J	ug/L	46
010	MW-8B	Aqueous	Barium	6020A	65		ug/L	46
010	MW-8B	Aqueous	Beryllium	6020A	0.17	J	ug/L	46
010	MW-8B	Aqueous	Cadmium	6020A	0.23		ug/L	46
010	MW-8B	Aqueous	Chromium	6020A	0.83	J	ug/L	46
010	MW-8B	Aqueous	Cobalt	6020A	2.4	J	ug/L	46
010	MW-8B	Aqueous	Copper	6020A	1.3		ug/L	46
010	MW-8B	Aqueous	Lead	6020A	1.4	B	ug/L	46
010	MW-8B	Aqueous	Nickel	6020A	0.53	J	ug/L	46
010	MW-8B	Aqueous	Vanadium	6020A	5.2		ug/L	46
010	MW-8B	Aqueous	Zinc	6020A	24		ug/L	46
011	MW-9	Aqueous	Barium	6020A	46		ug/L	50
011	MW-9	Aqueous	Cadmium	6020A	0.095	J	ug/L	50
011	MW-9	Aqueous	Cobalt	6020A	5.2		ug/L	50
011	MW-9	Aqueous	Copper	6020A	0.53	J	ug/L	50

Executive Summary (Continued)

Lot Number: MC15043

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
011	MW-9	Aqueous	Lead	6020A	0.11	BJ	ug/L	50
011	MW-9	Aqueous	Nickel	6020A	1.6	J	ug/L	50
011	MW-9	Aqueous	Zinc	6020A	3.4	J	ug/L	50
012	SW-1	Aqueous	Arsenic	6020A	0.36	J	ug/L	54
012	SW-1	Aqueous	Barium	6020A	28		ug/L	54
012	SW-1	Aqueous	Chromium	6020A	0.49	J	ug/L	54
012	SW-1	Aqueous	Cobalt	6020A	0.37	J	ug/L	54
012	SW-1	Aqueous	Copper	6020A	1.7		ug/L	54
012	SW-1	Aqueous	Lead	6020A	0.54	BJ	ug/L	54
012	SW-1	Aqueous	Nickel	6020A	0.41	J	ug/L	54
012	SW-1	Aqueous	Vanadium	6020A	2.4	J	ug/L	54
012	SW-1	Aqueous	Zinc	6020A	4.0	J	ug/L	54
012	SW-1	Aqueous	Mercury	7470A	0.000079	J	mg/L	55
013	SW-2	Aqueous	Bromoform	8260B	0.84	J	ug/L	56
013	SW-2	Aqueous	cis-1,2-Dichloroethene	8260B	0.31	J	ug/L	56
013	SW-2	Aqueous	Styrene	8260B	0.12	J	ug/L	56
013	SW-2	Aqueous	Barium	6020A	28		ug/L	58
013	SW-2	Aqueous	Chromium	6020A	0.62	J	ug/L	58
013	SW-2	Aqueous	Cobalt	6020A	0.39	J	ug/L	58
013	SW-2	Aqueous	Copper	6020A	2.3		ug/L	58
013	SW-2	Aqueous	Lead	6020A	0.99	BJ	ug/L	58
013	SW-2	Aqueous	Nickel	6020A	0.58	J	ug/L	58
013	SW-2	Aqueous	Vanadium	6020A	2.7	J	ug/L	58
013	SW-2	Aqueous	Zinc	6020A	4.3	J	ug/L	58

(165 detections)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/14/2011 1430**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1834	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**1.4**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/14/2011 1430**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1834	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1430**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/18/2011 2320	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2103	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.19**	**J**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**110**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.31**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.21**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.18**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**4.1**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.52**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.30**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020A**	**0.040**	**J**	**1.0**	**0.011**	**ug/L**	**2**
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**10**		**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/14/2011 1430**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1454	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00010**		**0.00010**	**0.000053**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1730**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/19/2011 0546	LBS		55303

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.43**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**2.8**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**4.6**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**160**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.6**		**1.0**	**0.15**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**11**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**92**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**2.5**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**5.5**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**27**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	**71-55-6**	**8260B**	**0.54**	**J**	**1.0**	**0.074**	**ug/L**	**1**
1,1,2-Trichloroethane	**79-00-5**	**8260B**	**0.46**	**J**	**1.0**	**0.21**	**ug/L**	**1**
Trichloroethene	**79-01-6**	**8260B**	**55**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1730**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/19/2011 0546	LBS		55303

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**9.5**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1730**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/18/2011 2327	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2110	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**170**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.62**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**1.3**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**1.8**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**3.5**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**11**	**B**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**7.7**		**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.38**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**5.7**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**12**		**10**	**1.5**	**ug/L**	**1**

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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **03/14/2011 1730**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1511	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.000054**	**J**	**0.00010**	**0.000053**	**mg/L**	**1**

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E = Quantitation of compound exceeded the calibration range
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H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1800**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1856	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1800**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1856	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
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ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1800**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/18/2011 2334	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2117	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**47**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.13**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.30**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.12**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.56**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**1.6**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1800**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1516	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1830**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/19/2011 0608	LBS		55303

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.1**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**1.3**		**1.0**	**0.33**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**9.7**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	**95-50-1**	**8260B**	**1.7**		**1.0**	**0.33**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**11**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**79**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**0.31**	**J**	**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**320**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**1.9**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**1.9**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**0.17**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**1.4**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1830**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/19/2011 0608	LBS		55303

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**21**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1830**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0002	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2146	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020A**	**0.78**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**120**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.20**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**86**		**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.4**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.43**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**5.0**		**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.0**		**1.0**	**0.25**	**ug/L**	**1**
Silver	**7440-22-4**	**6020A**	**0.012**	**J**	**1.0**	**0.011**	**ug/L**	**2**
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**8.1**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **03/14/2011 1830**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1523	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/14/2011 1900**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1918	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-005**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1900**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1918	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
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H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/14/2011 1900**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0030	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2214	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**1.1**		**1.0**	**0.097**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**0.28**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**57**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.14**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.24**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.6**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.20**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.60**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020A**	**0.085**	**J**	**1.0**	**0.011**	**ug/L**	**2**
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**4.0**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-005**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1900**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1525	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
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N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1515**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1940	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1515**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 1940	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1515**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0037	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2221	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**82**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.13**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**2.7**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	7440-50-8	6020A	ND		1.0	0.15	ug/L	1
Lead	**7439-92-1**	**6020A**	**0.053**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.56**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.38**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**3.0**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL.
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **03/14/2011 1515**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1527	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1600**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2002	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.4**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**1.4**	**J**	**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**0.55**	**J**	**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**6.8**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**19**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**4.3**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**4.9**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1600**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2002	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**1.9**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1600**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0044	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2228	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**57**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.20**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**1.2**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.1**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.59**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.68**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020A**	**0.018**	**J**	**1.0**	**0.011**	**ug/L**	**2**
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.0**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**5.6**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1600**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1530	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.000057**	**J**	**0.00010**	**0.000053**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-008**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1615**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/18/2011 1717	BM		55257

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**5.3**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**3.4**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**2.3**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**21**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**0.20**	**J**	**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**43**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**0.22**	**J**	**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**5.8**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**13**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-008**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1615**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/18/2011 1717	BM		55257

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**4.1**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-008**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1615**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0052	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2235	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**130**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.21**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.51**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.89**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.071**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**2.1**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.29**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**5.7**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-008**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1615**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1532	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00015**		**0.00010**	**0.000053**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-009**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1645**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2025	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-009**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1645**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2025	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-009**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1645**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0059	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2242	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**13**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.13**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.063**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.22**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.22**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	7440-02-0	6020A	ND		5.0	0.28	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**1.9**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-009**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1645**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1540	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-010**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1700**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2047	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-010**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1700**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2047	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	70-130
Bromofluorobenzene		104	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-010**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1700**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0106	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2249	FTS	03/18/2011 1700	55282
3	3005A	6020A	5	03/21/2011 2353	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020A**	**1.6**	**J**	**5.0**	**1.3**	**ug/L**	**3**
Barium	**7440-39-3**	**6020A**	**65**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.17**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.23**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**0.83**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**2.4**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.3**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**1.4**	**B**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.53**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		5.0	1.3	ug/L	3
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**5.2**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**24**		**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-010**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1700**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1543	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-011**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1500**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2109	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-011**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1500**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2109	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/14/2011 1500**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0113	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2256	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**46**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.095**	**J**	**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**5.2**		**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.53**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.11**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**1.6**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**3.4**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-011**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1500**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1547	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

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ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-012**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1530**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2131	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-012**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1530**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2131	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
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H = Out of holding time

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-012**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1530**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0120	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2303	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020A**	**0.36**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**28**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Chromium	**7440-47-3**	**6020A**	**0.49**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**0.37**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.7**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.54**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.41**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.4**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**4.0**	**J**	**10**	**1.5**	**ug/L**	**1**

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-012**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1530**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1550	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.000079**	**J**	**0.00010**	**0.000053**	**mg/L**	**1**

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ND = Not detected at or above the MDL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-013**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1815**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2152	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	**75-25-2**	**8260B**	**0.84**	**J**	**1.0**	**0.66**	**ug/L**	**1**
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.31**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	**100-42-5**	**8260B**	**0.12**	**J**	**1.0**	**0.12**	**ug/L**	**1**
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

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B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-013**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1815**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/17/2011 2152	BM		55088

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		110	70-130

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ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-013**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1815**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	03/19/2011 0127	KJC	03/18/2011 1700	55282
2	3005A	6020A	1	03/21/2011 2311	FTS	03/18/2011 1700	55282

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**28**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Chromium	**7440-47-3**	**6020A**	**0.62**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**0.39**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.3**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.99**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.58**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	2
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.7**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**4.3**	**J**	**10**	**1.5**	**ug/L**	**1**

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CVAA

Client: **Buxton Environmental**
Laboratory ID: **MC15043-013**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **03/14/2011 1815**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/18/2011 1554	BNW	03/18/2011 0900	55232

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **03/14/2011**
Date Received: **03/15/2011**

Laboratory ID: **MC15043-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/23/2011 0119	LBS		55434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **MC15043-014**
Description: **Trip Blank**
Matrix: **Aqueous**
Date Sampled: **03/14/2011**
Date Received: **03/15/2011**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/23/2011 0119	LBS		55434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		102	70-130

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SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Level 1 Report v2.1

SHEALY

Chain of Custody Record

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com

Number 02922

Client: Bayou Environmental	Report to Contact: Ross Klingman	Sampler (Printed Name): Ross Klingman	Quote No.
Address: 1101 South Blvd Ste 101	Telephone No. / Fax No. / Email: 704-344-1150	Waybill No.	Page 1 of
City: Charlotte; State: NC; Zip Code: 28203	Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4 4. HNO3 5. HCL 6. Na Thio. 7. NaOH		Number of Containers
Project Name: Alamance Co - Sutphenville Landfill			Bottle (See Instructions on back)
			Preservative
Project Number	P.O Number		Lot No. MC15043

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	Matrix: GW	DW	WW	S	Other	Analysis: Appt Voc's	ADD'L metals w/ Hg	Remarks / Cooler ID
MW-1	3-14-11	11:30	G	✓					X	X	
MW-2	"	17:30	G	✓					X	X	
MW-3	"	18:00	G	✓					X	X	
MW-4	"	18:30	G	✓					X	X	
MW-5	"	19:00	G	✓					X	X	
MW-6	"	15:15	G	✓					X	X	
MW-7A	"	16:00	G	✓					X	X	
MW-7B	"	16:15	G	✓					X	X	
MW-8A	"	16:45	G	✓					X	X	
MW-8B	"	17:00	G	✓					X	X	
MW-9	"	15:00	G	✓					X	X	
SW-1	"	15:30	G	✓					X	X	
SW-2	"	18:15	G	✓					X	X	
TRIP BLANK	—	—	G	✓					X		

Turn Around Time Required (Prior lab approval required for expedited TAT): ☐ Standard ☐ Rush (Please Specify) 7 DAY TAT

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

QC Requirements (Specify):

Possible Hazard Identification: ☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

	Date	Time		Date	Time
1. Relinquished by / Sampler	3-15-11	8:30	1. Received by	3.15.11	0925
2. Relinquished by	3.15.11	1450	2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory Received by	3-15-11	1420

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

LAB USE ONLY: Received on Ice (Check) ☐ Yes ☐ No ☐ Ice Pack; Receipt Temp. 1.0 °C; Temp. Blank ☐ Y / ☐ N

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Receipt Checklist (SRC)

Client: Guxton Cooler Inspected by/date: MAC 13/15/11 Lot #: MC1543

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☐	NA ☑	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 1.0 °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☒	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☑	NA ☐	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐
SESI employee:_____ Date of response:_____
Comments: