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).

RECEIVED SEP 27 2012 SOLID WASTE SECTION

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.

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 County - Closed Swepsonville Landfill	Alfred Road Graham, NC 27253		.0500	September 6, 2012

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 9-24-12 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

1101 South Blvd. Ste 101 Charlotte NC 28203

Facility Representative Address

C-278

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

Revised 6/2009

SECOND SEMI-ANNUAL 2012
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

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SECOND SEMI-ANNUAL 2012
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 second semi-annual 2012 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. In addition, the North Carolina Ground Water Protection Standards (NCGPS's) presented in this report have been updated to reflect current standards.

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 September 6, 2012, Buxton Environmental, Inc. conducted the second semi-annual 2012 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at ten monitor wells MW-1, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-7B, MW-8A, MW-8B and MW-9. Monitor well MW-2 was dry due to recent drought conditions, therefore, was unable to be sampled. 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 second semi-annual 2012 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-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 1.5 micrograms per liter (ug/l) tetrachloroethene.

Groundwater sample MW-4 indicated the presence of 13 ug/l 1,4-dichlorobenzene, 95 ug/l 1,1-dichloroethane, 1.5 ug/l 1,2-dichloroethane, 320 ug/l cis-1,2-dichlroethene, 2.2 ug/l 1,2-dichloropropane, 25 ug/l vinyl chloride and 77B ug/l cobalt. A B-flag denotes the constituent was also detected in the method blank.

Groundwater sample MW-7A indicated the presence of 2.7 ug/l benzene, 13 ug/l 1,1-dichloroethane, 9.7 ug/l tetrachloroethene, 7 ug/l trichloroethene and 2.4 ug/l vinyl chloride.

Groundwater sample MW-7B indicated the presence of 6.1 ug/l benzene, 30 ug/l 1,1-dichloroethane, 75 ug/l cis-1,2-dichloroethene, 8.7 ug/l tetrachloroethene, 24 ug/l trichloroethene and 5.6 ug/l vinyl chloride.

Groundwater sample MW-8B indicated the presence of 12B ug/l chromium, 19B ug/l cobalt and 31 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 indicated the presence of Appendix I constituents above established North Carolina Surface Water and Wetland Standards (15A NCAC 02B) for Haw Creek (Class WS-V water) or EPA National Criteria standards (utilized by North Carolina Division of Water Quality as default standards for non listed parameters) (NCSWWS's).

Quality Control Analytical Results

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

5.0 CONCLUSIONS

On September 6, 2012, Buxton Environmental, Inc. conducted the second semi-annual 2012 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-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 NCSWWS'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 March 2013.

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

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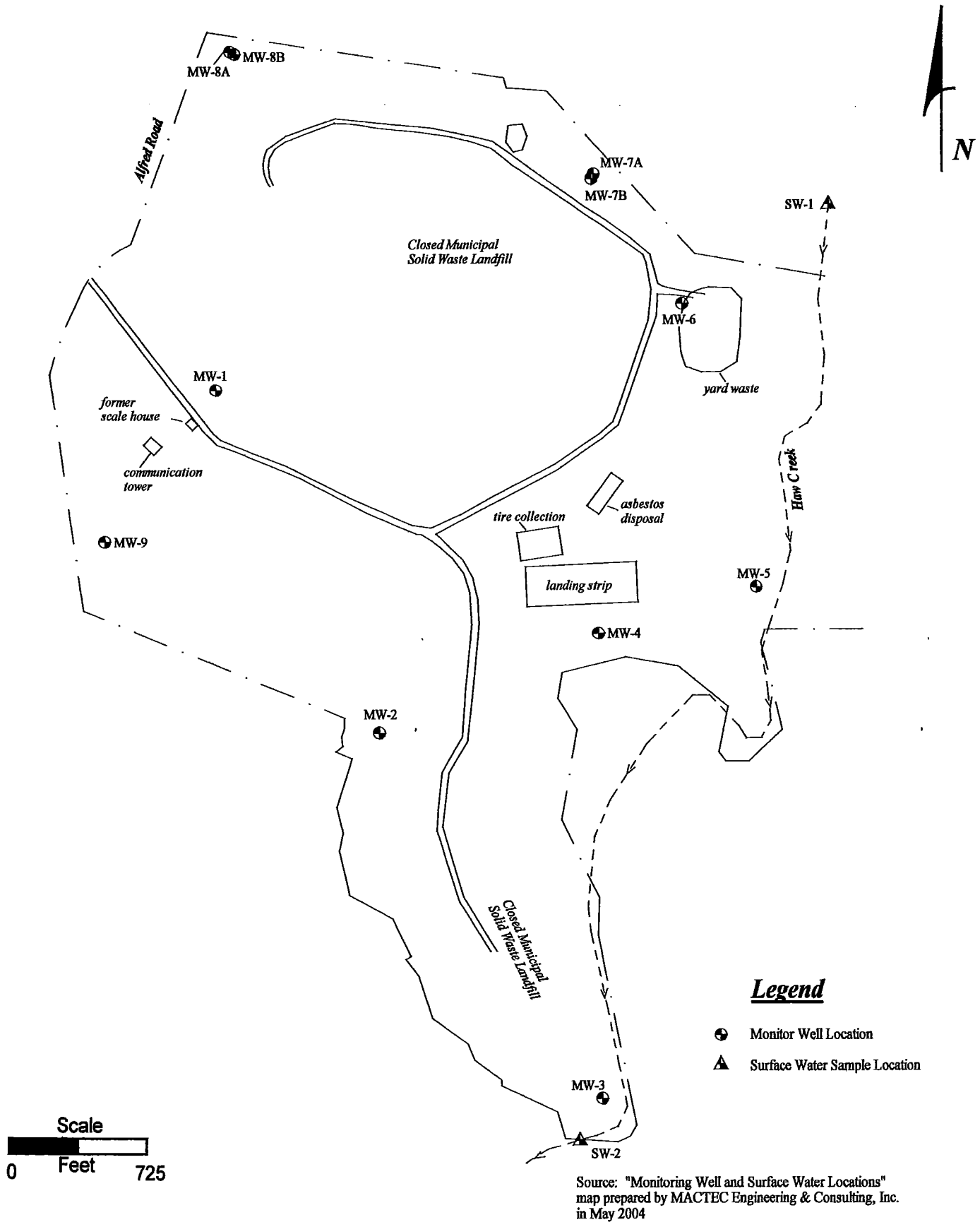
FIGURES



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
SEPTEMBER 6, 2012

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	33.00	574.67	27.00	547.67
MW-2	29.90	510.67	dry	dry
MW-3	24.10	466.63	9.76	456.87
MW-4	50.00	497.57	31.16	466.41
MW-5	19.00	476.56	13.98	462.58
MW-6	50.00	529.50	24.07	505.43
MW-7A	31.05	554.12	23.97	530.15
MW-7B	64.02	553.09	25.19	527.90
MW-8A	65.00	591.08	28.97	562.11
MW-8B	26.00	591.25	25.60	565.65
MW-9	27.50	568.78	25.23	543.55

Notes:
Depth to water measurements obtained on September 6, 2012 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
SEPTEMBER 6, 2012

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	5.50	114	65.6
MW-2	dry	dry	dry
MW-3	6.09	116	64.1
MW-4	6.13	1,009	63.7
MW-5	6.30	201	67.0
MW-6	6.33	156	63.2
MW-7A	6.10	160	61.4
MW-7B	5.91	247	63.5
MW-8A	6.38	61	64.3
MW-8B	dry	dry	dry
MW-9	5.90	65	62.3
SW-1	6.96	74	73.3
SW-2	6.02	72	73.8

Notes:
Field parameters collected on September 6, 2012 by Buxton Environmental, Inc. utilizing EXTECH ExStik and ExStik II meters. Field parameters at monitor wells collected after purging 3 well volumes of water. Leachate 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
SEPTEMBER 6, 2012

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	NT	BDL	0.86J	BDL	BDL	**2.7**	**6.1**	BDL	BDL	BDL	1
Chlorobenzene	BDL	NT	BDL	1.7	BDL	BDL	BDL	0.51J	BDL	BDL	BDL	50
Chloroethane	BDL	NT	BDL	10	BDL	BDL	1.9J	BDL	BDL	BDL	BDL	3,000
1,2-Dichlorobenzene	BDL	NT	BDL	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
1,4-Dichlorobenzene	BDL	NT	BDL	**13**	BDL	BDL	BDL	4.2	BDL	BDL	BDL	6
1,1-Dichloroethane	BDL	NT	0.4J	**95**	BDL	BDL	**13**	**30**	BDL	BDL	BDL	6
1,2-Dichloroethane	BDL	NT	BDL	**1.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.4
1,1-Dichloroethene	BDL	NT	BDL	0.49J	BDL	BDL	BDL	0.34J	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	BDL	NT	2.1	**320**	BDL	BDL	33	**75**	BDL	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	NT	BDL	2.3	BDL	BDL	BDL	0.47J	BDL	BDL	BDL	100
1,2-Dichloropropane	BDL	NT	BDL	**2.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
Methylene Chloride	BDL	NT	BDL	0.42J	BDL	BDL	0.65J	BDL	BDL	BDL	BDL	5
Tetrachloroethene	**1.5**	NT	0.16J	BDL	BDL	BDL	**97**	**8.7**	BDL	BDL	BDL	0.7
Trichloroethene	BDL	NT	BDL	1.2	BDL	BDL	**7**	**24**	BDL	BDL	BDL	3
Vinyl Chloride	BDL	NT	BDL	**25**	BDL	BDL	**2.4**	**5.6**	BDL	BDL	BDL	0.03
Metals												
Arsenic	BDL	NT	BDL	1B	BDL	0.55BJ	BDL	BDL	BDL	32BJ	BDL	10
Barium	120B	NT	43B	120B	51B	91B	68B	160B	15B	600B	58B	700
Beryllium	0.32BJ	NT	BDL	BDL	BDL	0.084BJ	BDL	BDL	BDL	2.4B	BDL	4
Cadmium	0.16B	NT	0.77B	0.7B	0.51B	0.19B	0.69B	0.18B	0.38B	**12B**	1B	2
Chromium	BDL	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.3J	0.73J	10
Cobalt	1.2BJ	NT	0.64BJ	**7.7B**	0.15BJ	3.5BJ	0.74BJ	0.45BJ	0.11BJ	**19B**	3.3BJ	1
Copper	2.3B	NT	0.79BJ	1.5B	1.7B	0.82BJ	1.6B	0.95BJ	0.73BJ	8.9B	2.9B	1,000
Lead	0.12BJ	NT	0.064BJ	0.13BJ	0.16BJ	0.082BJ	0.23BJ	BDL	BDL	7.2B	0.45BJ	15
Mercury	0.15	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Nickel	0.82J	NT	0.98J	7.1	0.65J	0.94J	1.2J	1.7J	0.32J	3.2J	1.9J	100
Selenium	0.49J	NT	BDL	8.3	BDL	1.9	0.47J	BDL	BDL	7.5	0.69J	20
Silver	BDL	NT	0.015J	BDL	0.019J	BDL	0.07J	BDL	BDL	BDL	0.13J	20
Thallium	BDL	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.33BJ	BDL	0.2
Vanadium	BDL	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**31**	2.2J	0.3
Zinc	8.7J	NT	6.2J	11	3.9J	6.7J	4.3J	3.3J	4.3J	170	12	1,000

Notes:
Groundwater samples collected on September 6, 2012 and 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 (J-flagged data not considered)
BDL=below detection limit
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
SEPTEMBER 6, 2012

Sample ID	***SW-1***	***SW-2***	***NCSWWS***
Volatile Organic Compounds	BDL	BDL	NA
Metals			
Arsenic	0.44BJ	0.47BJ	10
Barium	31B	29B	1,000
Cadmium	0.34B	0.064BJ	2
Cobalt	0.56BJ	0.4BJ	3
Copper	3B	2.6B	7
Lead	0.57BJ	0.34BJ	25
Mercury	BDL	BDL	0.012
Nickel	0.61J	0.65J	25
Selenium	1.2	BDL	5
Vanadium	3.3J	2.7J	NS
Zinc	5.8J	4.3J	50

Notes:
Surface water samples collected on September 6, 2012 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
NCSWWS = North Carolina Surface Water and Wetland Standards (15A NCAC 02B) for Haw Creek (Class WS-V Water) or are EPA National Criteria.
Bold and shade denotes above established NCSWWS (J-flagged data not considered)
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL
NS = no standard
NA = not applicable

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APPENDIX A
LABORATORY DATA SHEETS

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

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

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

Lot Number: **NI07067**
Date Completed: **09/17/2012**

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: NI07067

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.

All results listed in this report relate only to the samples that are contained within this report.

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.

Volatiles

Samples -008, -009, -010 and -011 had the surrogate 1,2-dichloroethane recovered above the acceptance range. There were no target compounds detected in the samples. Results are reported with a "Q" qualifier.

Carbon tetrachloride, trichlorofluoromethane and and chloromethane were recovered outside the acceptance criteria in the LCS and/or LCSD associated with batch 93185 and samples -007, -008, -009, -010 and -013. These compounds were not detected in the associated samples. Results are reported with a "L" qualifier.

Metals

A matrix spike was performed on sample -003. Silver was recovered outside the acceptance criteria. The LCS and LCSD was within range confirming matrix interference. The silver result is reported with a "S" qualifier.

Sample Summary
Buxton Environmental
Lot Number: NI07067

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	09/06/2012 1530	09/07/2012
002	MW-3	Aqueous	09/06/2012 1800	09/07/2012
003	MW-4	Aqueous	09/06/2012 1900	09/07/2012
004	MW-5	Aqueous	09/06/2012 1930	09/07/2012
005	MW-6	Aqueous	09/06/2012 1630	09/07/2012
006	MW-7A	Aqueous	09/06/2012 1715	09/07/2012
007	MW-7B	Aqueous	09/06/2012 1730	09/07/2012
008	MW-8A	Aqueous	09/06/2012 1445	09/07/2012
009	MW-8B	Aqueous	09/06/2012 1515	09/07/2012
010	MW-9	Aqueous	09/06/2012 1600	09/07/2012
011	SW-1	Aqueous	09/06/2012 1645	09/07/2012
012	SW-2	Aqueous	09/06/2012 1815	09/07/2012
013	Trip Blank	Aqueous	09/06/2012	09/07/2012

(13 samples)

Executive Summary
Buxton Environmental
Lot Number: NI07067

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Tetrachloroethene	8260B	1.5		ug/L	8
001	MW-1	Aqueous	Barium	6020A	120	B	ug/L	10
001	MW-1	Aqueous	Beryllium	6020A	0.32	BJ	ug/L	10
001	MW-1	Aqueous	Cadmium	6020A	0.16	B	ug/L	10
001	MW-1	Aqueous	Cobalt	6020A	1.2	BJ	ug/L	10
001	MW-1	Aqueous	Copper	6020A	2.3	B	ug/L	10
001	MW-1	Aqueous	Lead	6020A	0.12	BJ	ug/L	10
001	MW-1	Aqueous	Nickel	6020A	0.82	J	ug/L	10
001	MW-1	Aqueous	Selenium	6020A	0.49	J	ug/L	10
001	MW-1	Aqueous	Zinc	6020A	8.7	J	ug/L	10
001	MW-1	Aqueous	Mercury	7470A	0.00015		mg/L	11
002	MW-3	Aqueous	1,1-Dichloroethane	8260B	0.40	J	ug/L	12
002	MW-3	Aqueous	cis-1,2-Dichloroethene	8260B	2.1		ug/L	12
002	MW-3	Aqueous	Tetrachloroethene	8260B	0.16	J	ug/L	12
002	MW-3	Aqueous	Barium	6020A	43	B	ug/L	14
002	MW-3	Aqueous	Cadmium	6020A	0.77	B	ug/L	14
002	MW-3	Aqueous	Cobalt	6020A	0.64	BJ	ug/L	14
002	MW-3	Aqueous	Copper	6020A	0.79	BJ	ug/L	14
002	MW-3	Aqueous	Lead	6020A	0.064	BJ	ug/L	14
002	MW-3	Aqueous	Nickel	6020A	0.98	J	ug/L	14
002	MW-3	Aqueous	Silver	6020A	0.015	J	ug/L	14
002	MW-3	Aqueous	Zinc	6020A	6.2	J	ug/L	14
003	MW-4	Aqueous	Benzene	8260B	0.86	J	ug/L	16
003	MW-4	Aqueous	Chlorobenzene	8260B	1.7		ug/L	16
003	MW-4	Aqueous	Chloroethane	8260B	10		ug/L	16
003	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	2.3		ug/L	16
003	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	13		ug/L	16
003	MW-4	Aqueous	1,1-Dichloroethane	8260B	95		ug/L	16
003	MW-4	Aqueous	1,2-Dichloroethane	8260B	1.5		ug/L	16
003	MW-4	Aqueous	1,1-Dichloroethene	8260B	0.49	J	ug/L	16
003	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	320		ug/L	16
003	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	2.3		ug/L	16
003	MW-4	Aqueous	1,2-Dichloropropane	8260B	2.2		ug/L	16
003	MW-4	Aqueous	Methylene chloride	8260B	0.42	J	ug/L	16
003	MW-4	Aqueous	Trichloroethene	8260B	1.2		ug/L	16
003	MW-4	Aqueous	Vinyl chloride	8260B	25		ug/L	17
003	MW-4	Aqueous	Arsenic	6020A	1.0	B	ug/L	18
003	MW-4	Aqueous	Barium	6020A	120	B	ug/L	18
003	MW-4	Aqueous	Cadmium	6020A	0.70	B	ug/L	18
003	MW-4	Aqueous	Cobalt	6020A	77	B	ug/L	18
003	MW-4	Aqueous	Copper	6020A	1.5	B	ug/L	18
003	MW-4	Aqueous	Lead	6020A	0.13	BJ	ug/L	18
003	MW-4	Aqueous	Nickel	6020A	7.1		ug/L	18
003	MW-4	Aqueous	Selenium	6020A	8.3		ug/L	18
003	MW-4	Aqueous	Zinc	6020A	11		ug/L	18

Executive Summary (Continued)

Lot Number: NI07067

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
004	MW-5	Aqueous	Barium	6020A	51	B	ug/L	22
004	MW-5	Aqueous	Cadmium	6020A	0.51	B	ug/L	22
004	MW-5	Aqueous	Cobalt	6020A	0.15	BJ	ug/L	22
004	MW-5	Aqueous	Copper	6020A	1.7	B	ug/L	22
004	MW-5	Aqueous	Lead	6020A	0.16	BJ	ug/L	22
004	MW-5	Aqueous	Nickel	6020A	0.65	J	ug/L	22
004	MW-5	Aqueous	Silver	6020A	0.019	J	ug/L	22
004	MW-5	Aqueous	Zinc	6020A	3.9	J	ug/L	22
005	MW-6	Aqueous	Arsenic	6020A	0.55	BJ	ug/L	26
005	MW-6	Aqueous	Barium	6020A	91	B	ug/L	26
005	MW-6	Aqueous	Beryllium	6020A	0.084	BJ	ug/L	26
005	MW-6	Aqueous	Cadmium	6020A	0.19	B	ug/L	26
005	MW-6	Aqueous	Cobalt	6020A	3.5	BJ	ug/L	26
005	MW-6	Aqueous	Copper	6020A	0.82	BJ	ug/L	26
005	MW-6	Aqueous	Lead	6020A	0.082	BJ	ug/L	26
005	MW-6	Aqueous	Nickel	6020A	0.94	J	ug/L	26
005	MW-6	Aqueous	Selenium	6020A	1.9		ug/L	26
005	MW-6	Aqueous	Zinc	6020A	6.7	J	ug/L	26
006	MW-7A	Aqueous	Benzene	8260B	2.7		ug/L	28
006	MW-7A	Aqueous	Chloroethane	8260B	1.9	J	ug/L	28
006	MW-7A	Aqueous	1,1-Dichloroethane	8260B	13		ug/L	28
006	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	33		ug/L	28
006	MW-7A	Aqueous	Methylene chloride	8260B	0.65	J	ug/L	28
006	MW-7A	Aqueous	Tetrachloroethene	8260B	9.7		ug/L	28
006	MW-7A	Aqueous	Trichloroethene	8260B	7.0		ug/L	28
006	MW-7A	Aqueous	Vinyl chloride	8260B	2.4		ug/L	29
006	MW-7A	Aqueous	Barium	6020A	68	B	ug/L	30
006	MW-7A	Aqueous	Cadmium	6020A	0.69	B	ug/L	30
006	MW-7A	Aqueous	Cobalt	6020A	0.74	BJ	ug/L	30
006	MW-7A	Aqueous	Copper	6020A	1.6	B	ug/L	30
006	MW-7A	Aqueous	Lead	6020A	0.23	BJ	ug/L	30
006	MW-7A	Aqueous	Nickel	6020A	1.2	J	ug/L	30
006	MW-7A	Aqueous	Selenium	6020A	0.47	J	ug/L	30
006	MW-7A	Aqueous	Silver	6020A	0.070	J	ug/L	30
006	MW-7A	Aqueous	Zinc	6020A	4.3	J	ug/L	30
007	MW-7B	Aqueous	Benzene	8260B	6.1		ug/L	32
007	MW-7B	Aqueous	Chlorobenzene	8260B	0.51	J	ug/L	32
007	MW-7B	Aqueous	1,4-Dichlorobenzene	8260B	4.2		ug/L	32
007	MW-7B	Aqueous	1,1-Dichloroethane	8260B	30		ug/L	32
007	MW-7B	Aqueous	1,1-Dichloroethene	8260B	0.34	J	ug/L	32
007	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	75		ug/L	32
007	MW-7B	Aqueous	trans-1,2-Dichloroethene	8260B	0.47	J	ug/L	32
007	MW-7B	Aqueous	Tetrachloroethene	8260B	8.7		ug/L	32
007	MW-7B	Aqueous	Trichloroethene	8260B	24		ug/L	32
007	MW-7B	Aqueous	Vinyl chloride	8260B	5.6		ug/L	33
007	MW-7B	Aqueous	Barium	6020A	160	B	ug/L	34
007	MW-7B	Aqueous	Cadmium	6020A	0.18	B	ug/L	34
007	MW-7B	Aqueous	Cobalt	6020A	0.45	BJ	ug/L	34

Executive Summary (Continued)

Lot Number: NI07067

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-7B	Aqueous	Copper	6020A	0.95	BJ	ug/L	34
007	MW-7B	Aqueous	Nickel	6020A	1.7	J	ug/L	34
007	MW-7B	Aqueous	Zinc	6020A	3.3	J	ug/L	34
008	MW-8A	Aqueous	Barium	6020A	15	B	ug/L	38
008	MW-8A	Aqueous	Cadmium	6020A	0.38	B	ug/L	38
008	MW-8A	Aqueous	Cobalt	6020A	0.11	BJ	ug/L	38
008	MW-8A	Aqueous	Copper	6020A	0.73	BJ	ug/L	38
008	MW-8A	Aqueous	Nickel	6020A	0.32	J	ug/L	38
008	MW-8A	Aqueous	Zinc	6020A	4.3	J	ug/L	38
009	MW-8B	Aqueous	Arsenic	6020A	32	BJ	ug/L	42
009	MW-8B	Aqueous	Barium	6020A	600	B	ug/L	42
009	MW-8B	Aqueous	Beryllium	6020A	2.4	B	ug/L	42
009	MW-8B	Aqueous	Cadmium	6020A	12	B	ug/L	42
009	MW-8B	Aqueous	Chromium	6020A	2.3	J	ug/L	42
009	MW-8B	Aqueous	Cobalt	6020A	19	B	ug/L	42
009	MW-8B	Aqueous	Copper	6020A	8.9	B	ug/L	42
009	MW-8B	Aqueous	Lead	6020A	7.2	B	ug/L	42
009	MW-8B	Aqueous	Nickel	6020A	3.2	J	ug/L	42
009	MW-8B	Aqueous	Selenium	6020A	7.5		ug/L	42
009	MW-8B	Aqueous	Thallium	6020A	0.33	BJ	ug/L	42
009	MW-8B	Aqueous	Vanadium	6020A	31		ug/L	42
009	MW-8B	Aqueous	Zinc	6020A	170		ug/L	42
010	MW-9	Aqueous	Barium	6020A	58	B	ug/L	46
010	MW-9	Aqueous	Cadmium	6020A	1.0	B	ug/L	46
010	MW-9	Aqueous	Chromium	6020A	0.73	J	ug/L	46
010	MW-9	Aqueous	Cobalt	6020A	3.3	BJ	ug/L	46
010	MW-9	Aqueous	Copper	6020A	2.9	B	ug/L	46
010	MW-9	Aqueous	Lead	6020A	0.45	BJ	ug/L	46
010	MW-9	Aqueous	Nickel	6020A	1.9	J	ug/L	46
010	MW-9	Aqueous	Selenium	6020A	0.69	J	ug/L	46
010	MW-9	Aqueous	Silver	6020A	0.13	J	ug/L	46
010	MW-9	Aqueous	Vanadium	6020A	2.2	J	ug/L	46
010	MW-9	Aqueous	Zinc	6020A	12		ug/L	46
011	SW-1	Aqueous	Arsenic	6020A	0.44	BJ	ug/L	50
011	SW-1	Aqueous	Barium	6020A	31	B	ug/L	50
011	SW-1	Aqueous	Cadmium	6020A	0.34	B	ug/L	50
011	SW-1	Aqueous	Cobalt	6020A	0.56	BJ	ug/L	50
011	SW-1	Aqueous	Copper	6020A	3.0	B	ug/L	50
011	SW-1	Aqueous	Lead	6020A	0.57	BJ	ug/L	50
011	SW-1	Aqueous	Nickel	6020A	0.61	J	ug/L	50
011	SW-1	Aqueous	Selenium	6020A	1.2		ug/L	50
011	SW-1	Aqueous	Vanadium	6020A	3.3	J	ug/L	50
011	SW-1	Aqueous	Zinc	6020A	5.8	J	ug/L	50
012	SW-2	Aqueous	Arsenic	6020A	0.47	BJ	ug/L	54
012	SW-2	Aqueous	Barium	6020A	29	B	ug/L	54
012	SW-2	Aqueous	Cadmium	6020A	0.064	BJ	ug/L	54
012	SW-2	Aqueous	Cobalt	6020A	0.40	BJ	ug/L	54
012	SW-2	Aqueous	Copper	6020A	2.6	B	ug/L	54

Executive Summary (Continued)

Lot Number: NI07067

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
012	SW-2	Aqueous	Lead	6020A	0.34	BJ	ug/L	54
012	SW-2	Aqueous	Nickel	6020A	0.65	J	ug/L	54
012	SW-2	Aqueous	Vanadium	6020A	2.7	J	ug/L	54
012	SW-2	Aqueous	Zinc	6020A	4.3	J	ug/L	54

(145 detections)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1530**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0402	DD		93021

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**	**1.5**		**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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1530**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0402	DD		93021

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		93	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1530**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1837	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1711	FTS	09/10/2012 1150	92951

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**	**120**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.32**	**BJ**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.16**	**B**	**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**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.3**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.12**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.82**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.49**	**J**	**1.0**	**0.25**	**ug/L**	**2**
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**	**8.7**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1530**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1359	COH	09/10/2012 0918	92944

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 | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-002**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1800**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0426	DD		93021

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**	**0.40**	**J**	**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**	**2.1**		**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**	**0.16**	**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	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-002**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1800**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0426	DD		93021

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		95	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		97	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-002**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1800**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1844	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1718	FTS	09/10/2012 1150	92951

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**	**43**	**B**	**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**	**0.77**	**B**	**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**	**0.64**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.79**	**BJ**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.064**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.98**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	2
Silver	**7440-22-4**	**6020A**	**0.015**	**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**	**6.2**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-002**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1800**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1410	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
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J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-003**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1900**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0449	DD		93021

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**	**0.86**	**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**	**1.7**		**1.0**	**0.33**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**10**		**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**	**2.3**		**1.0**	**0.33**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**13**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**95**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.5**		**1.0**	**0.15**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**0.49**	**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**	**2.3**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**2.2**		**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**	**0.42**	**J**	**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**	**1.2**		**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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-003**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1900**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0449	DD		93021

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**	**25**		**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		94	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-003**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1900**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1851	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1725	FTS	09/10/2012 1150	92951

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**	**1.0**	**B**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**120**	**B**	**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**	**0.70**	**B**	**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**	**77**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.5**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.13**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**7.1**		**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**8.3**		**1.0**	**0.25**	**ug/L**	**2**
Silver	7440-22-4	6020A	ND	S	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**	**11**		**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-003**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1900**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1416	COH	09/10/2012 0918	92944

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
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%
H = Out of holding time
N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-004**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1930**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0513	DD		93021

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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-004**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1930**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0513	DD		93021

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		98	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-004**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1930**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1934	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1808	FTS	09/10/2012 1150	92951

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**	**51**	**B**	**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**	**0.51**	**B**	**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**	**0.15**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.7**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.16**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.65**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	2
Silver	**7440-22-4**	**6020A**	**0.019**	**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**	**3.9**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-004**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1930**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1423	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-005**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1630**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0536	DD		93021

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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-005**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1630**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0536	DD		93021

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		98	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-005**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1630**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1948	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1822	FTS	09/10/2012 1150	92951

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**	**0.55**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**91**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.084**	**BJ**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.19**	**B**	**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**	**3.5**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.82**	**BJ**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.082**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.94**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.9**		**1.0**	**0.25**	**ug/L**	**2**
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**	**6.7**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-005**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1630**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1426	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
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Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-006**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1715**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0559	DD		93021

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**	**2.7**		**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**	**1.9**	**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	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**13**		**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**	**33**		**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**	**0.65**	**J**	**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**	**9.7**		**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**	**7.0**		**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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-006**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1715**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/11/2012 0559	DD		93021

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**	**2.4**		**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		97	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-006**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1715**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 1955	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1829	FTS	09/10/2012 1150	92951

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**	**68**	**B**	**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**	**0.69**	**B**	**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**	**0.74**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.6**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.23**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**1.2**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.47**	**J**	**1.0**	**0.25**	**ug/L**	**2**
Silver	**7440-22-4**	**6020A**	**0.070**	**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**	**4.3**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-006**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1715**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1428	COH	09/10/2012 0918	92944

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
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%
H = Out of holding time
N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental** | Laboratory ID: **NI07067-007**
Description: **MW-7B** | Matrix: **Aqueous**
Date Sampled: **09/06/2012 1730**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0315	DD		93185

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**	**6.1**		**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	L	1.0	0.14	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**0.51**	**J**	**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	L	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**	**4.2**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**30**		**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**	**0.34**	**J**	**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**75**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**0.47**	**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**	**8.7**		**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**	**24**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND	L	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-007**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1730**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0315	DD		93185

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**	**5.6**		**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		124	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-007**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1730**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2003	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1837	FTS	09/10/2012 1150	92951

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**	**160**	**B**	**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**	**0.18**	**B**	**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**	**0.45**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.95**	**BJ**	**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.047	ug/L	1
Nickel	**7440-02-0**	**6020A**	**1.7**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	2
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**	**3.3**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-007**
Description: **MW-7B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1730**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1431	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-008**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1445**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0340	DD		93185

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND	Q	20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND	Q	20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND	Q	1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	Q	1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	Q	1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND	Q	1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	Q	2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	Q	10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND	Q	1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	QL	1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	Q	1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND	Q	2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND	Q	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	QL	1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	Q	1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	Q	1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND	Q	1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND	Q	2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	Q	1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	Q	1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	Q	1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	Q	1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	Q	1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	Q	1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	Q	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	Q	1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	Q	1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	Q	1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND	Q	10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND	Q	5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND	Q	10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND	Q	1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND	Q	1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND	Q	1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	Q	1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND	Q	1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND	Q	1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND	Q	1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND	Q	1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND	Q	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND	QL	1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND	Q	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-008**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1445**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0340	DD		93185

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	132	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-008**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1445**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2010	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1844	FTS	09/10/2012 1150	92951

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**	**15**	**B**	**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**	**0.38**	**B**	**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**	**0.11**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.73**	**BJ**	**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.047	ug/L	1
Nickel	**7440-02-0**	**6020A**	**0.32**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	2
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**	**4.3**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-008**
Description: **MW-8A**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1445**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1433	COH	09/10/2012 0918	92944

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
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%
H = Out of holding time
N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-009**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1515**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0404	DD		93185

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND	Q	20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND	Q	20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND	Q	1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	Q	1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	Q	1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND	Q	1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	Q	2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	Q	10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND	Q	1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	QL	1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	Q	1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND	Q	2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND	Q	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	QL	1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	Q	1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	Q	1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND	Q	1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND	Q	2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	Q	1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	Q	1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	Q	1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	Q	1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	Q	1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	Q	1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	Q	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	Q	1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	Q	1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	Q	1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND	Q	10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND	Q	5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND	Q	10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND	Q	1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND	Q	1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND	Q	1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	Q	1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND	Q	1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND	Q	1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND	Q	1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND	Q	1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND	Q	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND	QL	1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND	Q	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-009**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1515**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0404	DD		93185

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	133	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-009**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1515**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2017	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1851	FTS	09/10/2012 1150	92951
3	3005A	6020A	50	09/11/2012 2038	FTS	09/10/2012 1150	92951

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**	**32**	**BJ**	**50**	**13**	**ug/L**	**3**
Barium	**7440-39-3**	**6020A**	**600**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**2.4**	**B**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**12**	**B**	**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**2.3**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**19**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**8.9**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**7.2**	**B**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**3.2**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**7.5**		**1.0**	**0.25**	**ug/L**	**2**
Silver	7440-22-4	6020A	ND		50	0.55	ug/L	3
Thallium	**7440-28-0**	**6020A**	**0.33**	**BJ**	**0.50**	**0.076**	**ug/L**	**1**
Vanadium	**7440-62-2**	**6020A**	**31**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**170**		**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-009**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1515**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1436	COH	09/10/2012 0918	92944

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
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%
H = Out of holding time
N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-010**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1600**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0429	DD		93185

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND	Q	20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND	Q	20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND	Q	1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	Q	1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	Q	1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND	Q	1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	Q	2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	Q	10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND	Q	1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	QL	1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	Q	1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND	Q	2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND	Q	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	QL	1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	Q	1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	Q	1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND	Q	1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND	Q	2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	Q	1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	Q	1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	Q	1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	Q	1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	Q	1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	Q	1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	Q	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	Q	1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	Q	1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	Q	1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND	Q	10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND	Q	5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND	Q	10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND	Q	1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND	Q	1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND	Q	1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	Q	1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND	Q	1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND	Q	1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND	Q	1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND	Q	1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND	Q	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND	QL	1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND	Q	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-010**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1600**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0429	DD		93185

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	136	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-010**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1600**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2024	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1858	FTS	09/10/2012 1150	92951

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**	**58**	**B**	**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**	**1.0**	**B**	**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**0.73**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**3.3**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.9**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.45**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**1.9**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**0.69**	**J**	**1.0**	**0.25**	**ug/L**	**2**
Silver	**7440-22-4**	**6020A**	**0.13**	**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**	**2.2**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**12**		**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-010**
Description: **MW-9**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1600**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1438	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-011**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1645**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0453	DD		93185

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND	Q	20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND	Q	20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND	Q	1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	Q	1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	Q	1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND	Q	1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	Q	2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	Q	10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND	Q	1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	QL	1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	Q	1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND	Q	2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND	Q	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	QL	1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	Q	1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	Q	1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND	Q	1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND	Q	2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	Q	1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	Q	1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	Q	1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	Q	1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	Q	1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	Q	1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	Q	1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	Q	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	Q	1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	Q	1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	Q	1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND	Q	10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND	Q	5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND	Q	10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND	Q	1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND	Q	1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND	Q	1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	Q	1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND	Q	1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND	Q	1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND	Q	1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND	Q	1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND	Q	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND	QL	1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND	Q	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-011**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1645**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0453	DD		93185

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	136	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-011**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1645**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2046	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1920	FTS	09/10/2012 1150	92951

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**	**0.44**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**31**	**B**	**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**	**0.34**	**B**	**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**	**0.56**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**3.0**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.57**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.61**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.2**		**1.0**	**0.25**	**ug/L**	**2**
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**	**3.3**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**5.8**	**J**	**10**	**1.5**	**ug/L**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-011**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1645**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1441	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
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Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-012**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1815**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/14/2012 0346	DD		93270

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

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-012**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1815**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/14/2012 0346	DD		93270

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-012**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1815**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	09/10/2012 2053	BNW	09/10/2012 1150	92951
2	3005A	6020A	1	09/11/2012 1927	FTS	09/10/2012 1150	92951

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**	**0.47**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**29**	**B**	**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**	**0.064**	**BJ**	**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**	**0.40**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.6**	**B**	**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.34**	**BJ**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.65**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	2
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**	**2**

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

CVAA

Client: **Buxton Environmental**
Laboratory ID: **NI07067-012**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **09/06/2012 1815**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/10/2012 1443	COH	09/10/2012 0918	92944

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
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
Q = Surrogate failure
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-013**
Description: **Trip Blank**
Matrix: **Aqueous**
Date Sampled: **09/06/2012**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0251	DD		93185

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	L	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	L	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	L	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 | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **NI07067-013**
Description: **Trip Blank**
Matrix: **Aqueous**
Date Sampled: **09/06/2012**
Date Received: **09/07/2012**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/13/2012 0251	DD		93185

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		123	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time | Q = Surrogate failure
ND = Not detected at or above the MDL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | * = Reportable result (only when report all runs) | S = MS/MSD failure

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

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 29709

Client: Buxton Environmental, Inc	Report to Contact: Ross Klingman	Sampler (Printed Name): Ross Klingman	Quote No.
Address: 1101 South Blvd, Ste M	Telephone No. / Fax No. / Email: 704-344-1450	Waybill No.	Page 1 of 1
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 - Swepsonville Landfill			Bottle (See Instructions on back)
			Preservative
Project Number: NC; P.O Number:			Lot No. N E 0 7 0 6 7

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: APP II VOCs	APP II METALS + Hg										Remarks / Cooler ID
MW-1	9-6-12		G	✓					X	X										
MW-3	"		G	✓					X	X										
MW-4	"		G	✓					X	X										
MW-5	"		G	✓					X	X										
MW-6	"		G	✓					X	X										
MW-7A	"		G	✓					X	X										
MW-7B	"		G	✓					X	X										
MW-8A	"		G	✓					X	X										
MW-8B	"		G	✓					X	X										
MW-9	"		G	✓					X	X										
SW-1	"		G	✓					X	X										
SW-2	"		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): USE NC SWP DUPLICATE Rules of Two Detection + 3 + 5 FLASH

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

	Date	Time		Date	Time
1. Relinquished by / Sampler	9-7-12	10:00	1. Received by	9-7-12	1106
2. Relinquished by	9-7-12	1300	2. Received by: Allen Pickard	9-7-12	1300
3. Relinquished by: Allen Pickard	9-7-12	1600	3. Received by	9-7-12	1600
4. Relinquished by	Date	Time	4. Laboratory Received by	9-7-12	1600

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 4.0 °C; Temp. Blank ☐ Y / ☐ N

Level 1 Report v2.1

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Receipt Checklist (SRC)

Client: Buxton Environ. Cooler Inspected by/date: [illegible] 5/7/12 Lot #: NE 07067

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other			
Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☑		2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon receipt 1.0 °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 ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☐	No ☐	NA ☑	5a Were samples relinquished by client to commercial courier?
Yes ☑	No ☐		6. Were sample IDs listed? taken from container labels
Yes ☑	No ☑		7. Was collection date ~~& time~~ listed? ~~not listed on COC or labels~~
Yes ☑	No ☐		8. Were tests to be performed listed on the COC? BUL 5/7/12
Yes ☑	No ☐		9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		12. Was adequate sample volume available?
Yes ☑	No ☐		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		14. Were any samples containers missing?
Yes ☐	No ☑		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) samples free of residual chlorine?
Yes ☐	No ☑	NA ☐	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?

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.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: