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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

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	0101	.0500	March 31, 2015

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

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

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

Signature | 5/4/15 Date

Affix NC Licensed Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

Buxton Environmental, Inc.; 1101 South Blvd., Suite 101; Charlotte, NC 28203

Facility Representative Address

C-278

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

Revised 6/2009

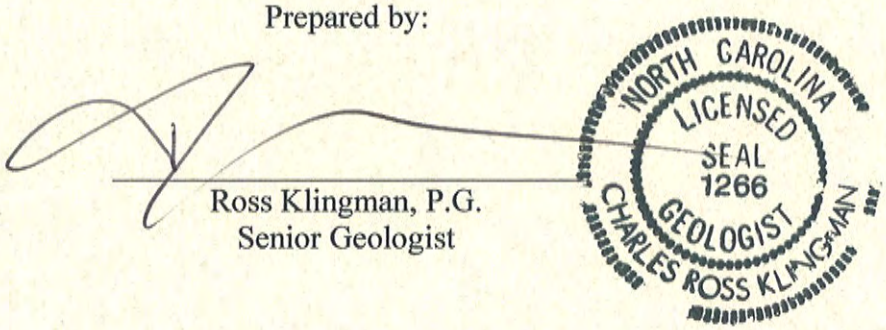
FIRST SEMI-ANNUAL 2015
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

Prepared for:

Mr. Greg Thomas
Solid Waste Director
Alamance County Landfill
2701 Austin Quarter Road
Graham, North Carolina 27253
Ph: 336-376-8902

May 4, 2015

Prepared by:



Ross Klingman, P.G.
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FIRST SEMI-ANNUAL 2015
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

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FIRST SEMI-ANNUAL 2015
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the first semi-annual 2015 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 current North Carolina Department of Environment and Natural Resources, Division of Waste Management-Solid Waste Section (NCSWS rules), NCSWS memorandums dated October 27, 2006, February 23, 2007 and October 16, 2007 concerning changes to laboratory detection limits and reporting requirements; the NCSWS groundwater and surface water sampling guidelines dated April 2008; and the NCSWS memorandum dated November 5, 2014 concerning groundwater, surface water and electronic document submittal. In addition, the North Carolina Ground Water Protection Standards (NCGPS's) 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 NCSWS rules, semi-annual groundwater and surface water monitoring has been conducted at the site since October 1995. Water samples have been analyzed for Appendix I volatile organic compounds (VOC's) and metals plus mercury. Historical groundwater samples have indicated VOC's and metals above the North Carolina Groundwater Protection Standards (NCGPS's).

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On March 31, 2015, Buxton Environmental, Inc. conducted the first semi-annual 2015 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at eleven monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-7B, MW-8A, MW-8B and MW-9. Two surface water samples SW-1 and SW-2 were collected from Haw Creek located to the east the landfill.

Prior to conducting the sampling activities, groundwater levels were obtained from each monitor well with a depth-to-water electrode to the nearest 0.01 foot. Following the gauging activities, each well was purged of three well bore volumes of water or until dryness with a disposable

Teflon bailer attached to new nylon rope. Field parameters including pH, conductivity and temperature were collected at each well following purging and at surface water sample locations. Purge water was poured on the ground surface at respective well heads. Groundwater gauging and field parameter data are provided in Tables 1 and 2, respectively.

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

4.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the first semi-annual 2015 event are presented in Tables 2 and 3, respectively. Laboratory data sheets are presented in Appendix A.

Groundwater Analytical Results

Groundwater samples MW-1, MW-2, MW-4, MW-5, MW-6, 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 1.2 micrograms per liter (ug/l) tetrachloroethene and 2.7 ug/l cobalt.

Groundwater sample MW-2 indicated the presence of 140 ug/l 1,1-dichloroethane, 2.4 ug/l 1,2-dichloroethane, 9.8 ug/l 1,1-dichloroethene, 87 ug/l cis-1,2-dichlroethene, 4.7 ug/l 1,2-dichloropropane, 18 ug/l tetrachloroethene, 53 ug/l trichloroethene, 8.7 ug/l vinyl chloride, 5.1 ug/l cobalt and 12 ug/l vanadium.

Groundwater sample MW-4 indicated the presence of 12 ug/l 1,4-dichlorobenzene, 61 ug/l 1,1-dichloroethane, 260 ug/l cis-1,2-dichlroethene, 1.5 ug/l 1,2-dichloropropane, 13 ug/l vinyl chloride and 59 ug/l cobalt.

Groundwater sample MW-5 indicated the presence of 1.1 ug/l antimony.

Groundwater sample MW-6 indicated the presence of 6.1 ug/l cobalt.

Groundwater sample MW-7A indicated the presence of 3.2 ug/l benzene, 15 ug/l 1,1-dichloroethane, 6.8 ug/l tetrachloroethene, 12 ug/l trichloroethene and 3.4 ug/l vinyl chloride.

Groundwater sample MW-7B indicated the presence of 4 ug/l benzene, 20 ug/l 1,1-dichloroethane, 9 ug/l tetrachloroethene, 14 ug/l trichloroethene and 4.2 ug/l vinyl chloride.

Groundwater sample MW-8B indicated the presence of 2.1 ug/l cadmium.

The remaining groundwater samples collected at monitor wells MW-3, 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 constituents above method detection limits.

5.0 CONCLUSIONS

On March 31, 2015, Buxton Environmental, Inc. conducted the first semi-annual 2015 groundwater and surface water monitoring activities at the closed Swepsonville Landfill located in Alamance County, North Carolina. A summary of the findings of this investigation is provided below.

- Groundwater samples collected at MW-1, MW-2, MW-4, MW-5, MW-6, 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 September 2015.
- A copy of this report should be forwarded to the NCSWS for their review.

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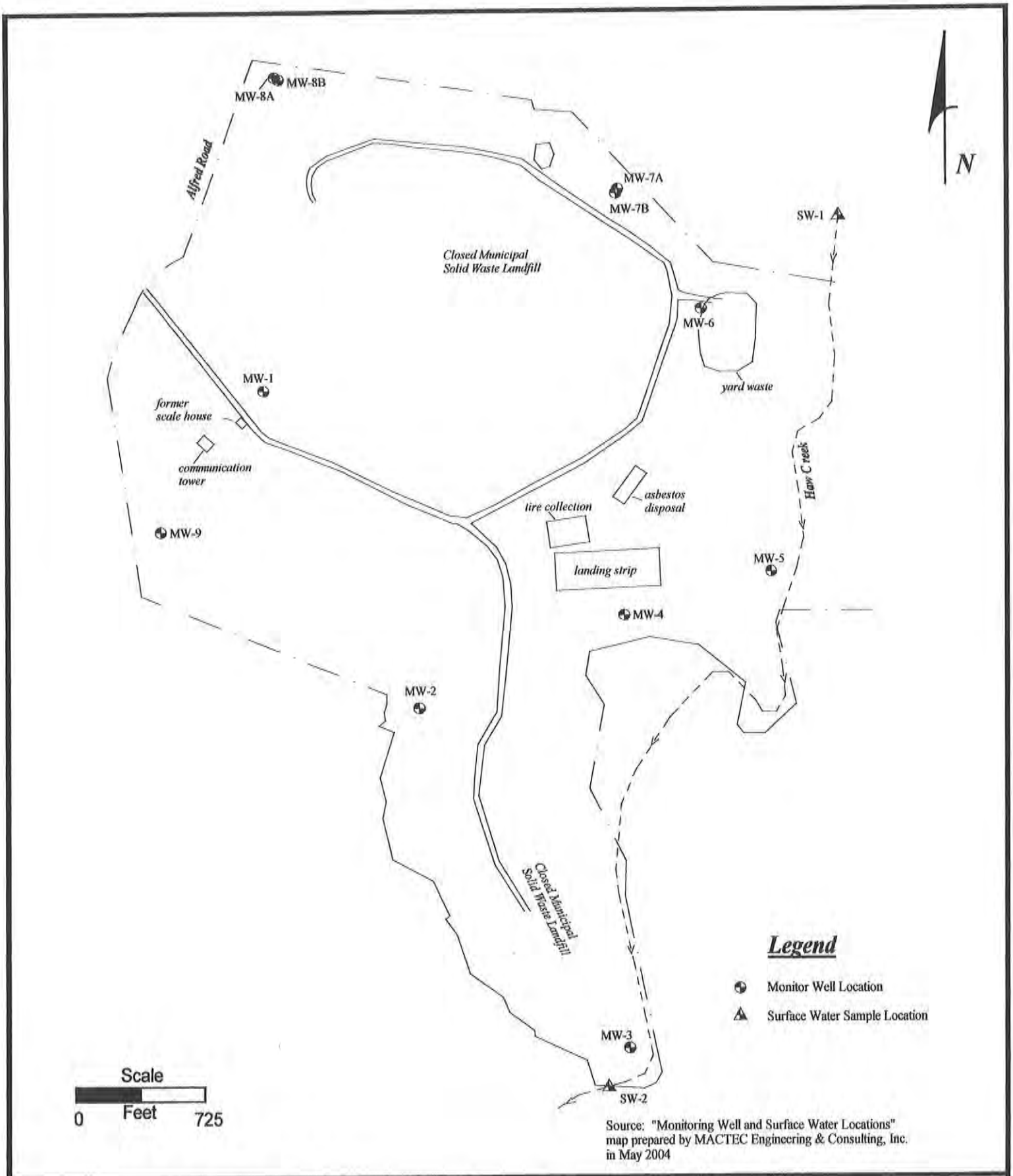
FIGURES



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

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

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 31, 2015

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	33.00	574.67	21.56	553.11
MW-2	29.90	510.67	26.65	484.02
MW-3	24.10	466.63	7.60	459.03
MW-4	50.00	497.57	28.90	468.67
MW-5	19.00	476.56	7.33	469.23
MW-6	50.00	529.50	20.78	508.72
MW-7A	31.05	554.12	19.00	535.12
MW-7B	64.02	553.09	21.22	531.87
MW-8A	65.00	591.08	23.44	567.64
MW-8B	26.00	591.25	22.82	568.43
MW-9	27.50	568.78	19.35	549.43

Notes:
Depth to water measurements obtained on March 31, 2015 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, Swepsonvi Landfill, Graham, Alamance Co., North Carolina" report prepared by MACTEC in April 2005

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TABLE 2
GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 31, 2015

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	6.35	125	61.2
MW-2	6.34	365	62.3
MW-3	6.00	114	62.8
MW-4	6.58	962	62.0
MW-5	6.41	199	64.5
MW-6	6.50	187	62.8
MW-7A	5.98	198	64.5
MW-7B	6.34	315	62.8
MW-8A	6.48	65	64.4
MW-8B	6.15	175	61.8
MW-9	5.97	89	60.7
SW-1	7.41	80	59.5
SW-2	7.20	72	59.8

Notes:
Field parameters collected on March 31, 2015 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
MARCH 31, 2015

Sample ID	*SWSL*	*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	1	BDL	0.58J	BDL	0.95J	BDL	BDL	3.2	4	BDL	BDL	BDL	1
Carbon Disulfide	100	BDL	BDL	0.24J	0.6J	BDL	BDL	0.39J	0.37J	0.4J	BDL	0.24J	700
Chlorobenzene	3	BDL	1.6	BDL	1.9	BDL	BDL	BDL	0.45J	BDL	BDL	BDL	50
Chloroethane	10	BDL	2.3	BDL	6.5	BDL	BDL	1.7J	2.3	BDL	BDL	BDL	3,000
1,2-Dichlorobenzene	5	BDL	0.7J	BDL	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
1,4-Dichlorobenzene	1	BDL	5.4	BDL	12	BDL	BDL	2.6	4.1	BDL	BDL	BDL	6
1,1-Dichloroethane	5	BDL	140	BDL	61	BDL	BDL	15	20	BDL	BDL	BDL	6
1,2-Dichloroethane	1	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.4
1,1-Dichloroethene	5	BDL	9.8	BDL	0.4J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	5	BDL	87	BDL	260	0.46J	0.17J	44	61	0.18J	BDL	BDL	70
trans-1,2-Dichloroethene	5	BDL	2.8	BDL	1.4	BDL	BDL	0.26J	0.29J	BDL	BDL	BDL	100
1,2-Dichloropropane	1	BDL	4.7	BDL	1.5	BDL	BDL	BDL	0.32J	BDL	BDL	BDL	0.6
Tetrachloroethene	1	1.2	18	BDL	BDL	BDL	BDL	6.8	9	BDL	BDL	BDL	0.7
1,1,2-Trichloroethane	1	BDL	0.28J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
Trichloroethene	1	BDL	53	BDL	0.98J	BDL	BDL	12	14	BDL	BDL	BDL	3
Vinyl Chloride	1	BDL	8.7	BDL	13	BDL	BDL	3.4	4.2	BDL	BDL	BDL	0.03
Metals													
Antimony	6	BDL	0.21J	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	1
Arsenic	10	BDL	BDL	BDL	1.2B	BDL	BDL	BDL	BDL	0.46BJ	3.2BJ	BDL	10
Barium	100	130	230B	57B	150B	82B	99B	92B	160B	14B	130B	47B	700
Beryllium	1	0.38J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.41	BDL	4
Cadmium	10	0.57	0.32	0.33	0.46	0.24	0.52	0.48	0.57	0.45	2.1	0.29	2
Chromium	10	BDL	3.7J	BDL	BDL	0.67J	BDL	BDL	BDL	BDL	BDL	0.63J	10
Cobalt	10	1.4J	5.1	BDL	59	BDL	6.1	4.1J	0.61J	0.55J	4.7J	0.64J	1
Copper	10	1.4B	5.1B	0.52BJ	1.3B	3.9B	0.69BJ	0.82BJ	1.4B	1.1B	2.8BJ	0.84BJ	1,000
Lead	10	0.5J	9.9	BDL	0.21J	0.16J	0.23J	BDL	BDL	BDL	BDL	0.15J	15
Mercury	0.2	0.14	BDL	BDL	0.036J	BDL	BDL	0.048J	0.044J	BDL	BDL	BDL	1
Nickel	50	BDL	13	1J	6	1.4J	1.1J	1.3J	1.9J	BDL	BDL	1.1J	100
Selenium	10	BDL	1.7	BDL	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
Silver	10	0.17J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
Vanadium	25	BDL	12	BDL	BDL	BDL	2.3J	1.9J	BDL	BDL	BDL	BDL	0.3
Zinc	10	23B	38B	8.9J	27B	12B	20B	15B	24B	8.2BJ	59BJ	8.9BJ	1,000

Notes:
Groundwater samples collected on March 31, 2015 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)
SWSL = Solid Waste Section Limits
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
MARCH 31, 2015

Sample ID	***SWSL***	SW-1	SW-2	***NCSWWS***
Volatile Organic Compounds	NS	BDL	BDL	NS
Metals				
Barium	100	26B	26B	1,000
Cadmium	10	BDL	0.051J	2
Cobalt	10	BDL	0.3J	3
Copper	10	1.5B	1.3B	7
Lead	10	0.34J	0.23J	25
Mercury	0.2	BDL	BDL	0.012
Vanadium	25	1.8J	1.9J	NS
Zinc	10	5.8BJ	4.9BJ	50

Notes:
Surface water samples collected on March 31, 2015 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**

Project Number: **NC**

Lot Number: **QD01081**

Date Completed: **04/13/2015**

N. Saikaly

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: QD01081

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.

Sample Summary
Buxton Environmental
Lot Number: QD01081

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	03/31/2015 1630	04/01/2015
002	MW-2	Aqueous	03/31/2015 1830	04/01/2015
003	MW-3	Aqueous	03/31/2015 1845	04/01/2015
004	MW-4	Aqueous	03/31/2015 1915	04/01/2015
005	MW-5	Aqueous	03/31/2015 1930	04/01/2015
006	MW-6	Aqueous	03/31/2015 1700	04/01/2015
007	MW-7A	Aqueous	03/31/2015 1745	04/01/2015
008	MW-7B	Aqueous	03/31/2015 1730	04/01/2015
009	MW-8A	Aqueous	03/31/2015 1800	04/01/2015
010	MW-8B	Aqueous	03/31/2015 1815	04/01/2015
011	MW-9	Aqueous	03/31/2015 1645	04/01/2015
012	SW-1	Aqueous	03/31/2015 1715	04/01/2015
013	SW-2	Aqueous	03/31/2015 1900	04/01/2015
014	TRIP BLANK	Aqueous	03/31/2015	04/01/2015

(14 samples)

Executive Summary
Buxton Environmental
Lot Number: QD01081

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Tetrachloroethene	8260B	1.2		ug/L	8
001	MW-1	Aqueous	Barium	6020A	130		ug/L	10
001	MW-1	Aqueous	Beryllium	6020A	0.38	J	ug/L	10
001	MW-1	Aqueous	Cadmium	6020A	0.57		ug/L	10
001	MW-1	Aqueous	Cobalt	6020A	1.4	J	ug/L	10
001	MW-1	Aqueous	Copper	6020A	1.4	B	ug/L	10
001	MW-1	Aqueous	Lead	6020A	0.50	J	ug/L	10
001	MW-1	Aqueous	Silver	6020A	0.17	J	ug/L	10
001	MW-1	Aqueous	Zinc	6020A	23	B	ug/L	10
001	MW-1	Aqueous	Mercury	7470A	0.00014		mg/L	11
002	MW-2	Aqueous	Benzene	8260B	0.58	J	ug/L	12
002	MW-2	Aqueous	Chlorobenzene	8260B	1.6		ug/L	12
002	MW-2	Aqueous	Chloroethane	8260B	2.3		ug/L	12
002	MW-2	Aqueous	1,2-Dichlorobenzene	8260B	0.70	J	ug/L	12
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	5.4		ug/L	12
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	140		ug/L	12
002	MW-2	Aqueous	1,2-Dichloroethane	8260B	2.4		ug/L	12
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	9.8		ug/L	12
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	87		ug/L	12
002	MW-2	Aqueous	trans-1,2-Dichloroethene	8260B	2.8		ug/L	12
002	MW-2	Aqueous	1,2-Dichloropropane	8260B	4.7		ug/L	12
002	MW-2	Aqueous	Tetrachloroethene	8260B	18		ug/L	12
002	MW-2	Aqueous	1,1,2-Trichloroethane	8260B	0.28	J	ug/L	12
002	MW-2	Aqueous	Trichloroethene	8260B	53		ug/L	12
002	MW-2	Aqueous	Vinyl chloride	8260B	8.7		ug/L	13
002	MW-2	Aqueous	Antimony	6020A	0.21	J	ug/L	14
002	MW-2	Aqueous	Barium	6020A	230	B	ug/L	14
002	MW-2	Aqueous	Cadmium	6020A	0.32		ug/L	14
002	MW-2	Aqueous	Chromium	6020A	3.7	J	ug/L	14
002	MW-2	Aqueous	Cobalt	6020A	5.1		ug/L	14
002	MW-2	Aqueous	Copper	6020A	5.1	B	ug/L	14
002	MW-2	Aqueous	Lead	6020A	9.9		ug/L	14
002	MW-2	Aqueous	Nickel	6020A	13		ug/L	14
002	MW-2	Aqueous	Selenium	6020A	1.7		ug/L	14
002	MW-2	Aqueous	Vanadium	6020A	12		ug/L	14
002	MW-2	Aqueous	Zinc	6020A	38	B	ug/L	14
003	MW-3	Aqueous	Carbon disulfide	8260B	0.24	J	ug/L	16
003	MW-3	Aqueous	Barium	6020A	57	B	ug/L	18
003	MW-3	Aqueous	Cadmium	6020A	0.33		ug/L	18
003	MW-3	Aqueous	Copper	6020A	0.52	BJ	ug/L	18
003	MW-3	Aqueous	Nickel	6020A	1.0	J	ug/L	18
003	MW-3	Aqueous	Zinc	6020A	8.9	BJ	ug/L	18
004	MW-4	Aqueous	Benzene	8260B	0.95	J	ug/L	20
004	MW-4	Aqueous	Carbon disulfide	8260B	0.60	J	ug/L	20
004	MW-4	Aqueous	Chlorobenzene	8260B	1.9		ug/L	20

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
004	MW-4	Aqueous	Chloroethane	8260B	6.5		ug/L	20
004	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	2.1		ug/L	20
004	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	12		ug/L	20
004	MW-4	Aqueous	1,1-Dichloroethane	8260B	61		ug/L	20
004	MW-4	Aqueous	1,1-Dichloroethene	8260B	0.40	J	ug/L	20
004	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	260		ug/L	20
004	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	1.4		ug/L	20
004	MW-4	Aqueous	1,2-Dichloropropane	8260B	1.5		ug/L	20
004	MW-4	Aqueous	Trichloroethene	8260B	0.98	J	ug/L	20
004	MW-4	Aqueous	Vinyl chloride	8260B	13		ug/L	21
004	MW-4	Aqueous	Arsenic	6020A	1.2	B	ug/L	22
004	MW-4	Aqueous	Barium	6020A	150	B	ug/L	22
004	MW-4	Aqueous	Cadmium	6020A	0.46		ug/L	22
004	MW-4	Aqueous	Cobalt	6020A	59		ug/L	22
004	MW-4	Aqueous	Copper	6020A	1.3	B	ug/L	22
004	MW-4	Aqueous	Lead	6020A	0.21	J	ug/L	22
004	MW-4	Aqueous	Nickel	6020A	6.0		ug/L	22
004	MW-4	Aqueous	Selenium	6020A	3.3		ug/L	22
004	MW-4	Aqueous	Zinc	6020A	27	B	ug/L	22
004	MW-4	Aqueous	Mercury	7470A	0.000036	J	mg/L	23
005	MW-5	Aqueous	cis-1,2-Dichloroethene	8260B	0.46	J	ug/L	24
005	MW-5	Aqueous	Antimony	6020A	1.1		ug/L	26
005	MW-5	Aqueous	Barium	6020A	82	B	ug/L	26
005	MW-5	Aqueous	Cadmium	6020A	0.24		ug/L	26
005	MW-5	Aqueous	Chromium	6020A	0.67	J	ug/L	26
005	MW-5	Aqueous	Copper	6020A	3.9	B	ug/L	26
005	MW-5	Aqueous	Lead	6020A	0.16	J	ug/L	26
005	MW-5	Aqueous	Nickel	6020A	1.4	J	ug/L	26
005	MW-5	Aqueous	Zinc	6020A	12	B	ug/L	26
006	MW-6	Aqueous	cis-1,2-Dichloroethene	8260B	0.17	J	ug/L	28
006	MW-6	Aqueous	Barium	6020A	99	B	ug/L	30
006	MW-6	Aqueous	Cadmium	6020A	0.52		ug/L	30
006	MW-6	Aqueous	Cobalt	6020A	6.1		ug/L	30
006	MW-6	Aqueous	Copper	6020A	0.69	BJ	ug/L	30
006	MW-6	Aqueous	Lead	6020A	0.23	J	ug/L	30
006	MW-6	Aqueous	Nickel	6020A	1.1	J	ug/L	30
006	MW-6	Aqueous	Vanadium	6020A	2.3	J	ug/L	30
006	MW-6	Aqueous	Zinc	6020A	20	B	ug/L	30
007	MW-7A	Aqueous	Benzene	8260B	3.2		ug/L	32
007	MW-7A	Aqueous	Carbon disulfide	8260B	0.39	J	ug/L	32
007	MW-7A	Aqueous	Chloroethane	8260B	1.7	J	ug/L	32
007	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	2.6		ug/L	32
007	MW-7A	Aqueous	1,1-Dichloroethane	8260B	15		ug/L	32
007	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	44		ug/L	32
007	MW-7A	Aqueous	trans-1,2-Dichloroethene	8260B	0.26	J	ug/L	32
007	MW-7A	Aqueous	Tetrachloroethene	8260B	6.8		ug/L	32
007	MW-7A	Aqueous	Trichloroethene	8260B	12		ug/L	32
007	MW-7A	Aqueous	Vinyl chloride	8260B	3.4		ug/L	33

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-7A	Aqueous	Barium	6020A	92	B	ug/L	34
007	MW-7A	Aqueous	Cadmium	6020A	0.48		ug/L	34
007	MW-7A	Aqueous	Cobalt	6020A	4.1	J	ug/L	34
007	MW-7A	Aqueous	Copper	6020A	0.82	BJ	ug/L	34
007	MW-7A	Aqueous	Nickel	6020A	1.3	J	ug/L	34
007	MW-7A	Aqueous	Vanadium	6020A	1.9	J	ug/L	34
007	MW-7A	Aqueous	Zinc	6020A	15	B	ug/L	34
007	MW-7A	Aqueous	Mercury	7470A	0.000048	J	mg/L	35
008	MW-7B	Aqueous	Benzene	8260B	4.0		ug/L	36
008	MW-7B	Aqueous	Carbon disulfide	8260B	0.37	J	ug/L	36
008	MW-7B	Aqueous	Chlorobenzene	8260B	0.45	J	ug/L	36
008	MW-7B	Aqueous	Chloroethane	8260B	2.3		ug/L	36
008	MW-7B	Aqueous	1,4-Dichlorobenzene	8260B	4.1		ug/L	36
008	MW-7B	Aqueous	1,1-Dichloroethane	8260B	20		ug/L	36
008	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	61		ug/L	36
008	MW-7B	Aqueous	trans-1,2-Dichloroethene	8260B	0.29	J	ug/L	36
008	MW-7B	Aqueous	1,2-Dichloropropane	8260B	0.32	J	ug/L	36
008	MW-7B	Aqueous	Tetrachloroethene	8260B	9.0		ug/L	36
008	MW-7B	Aqueous	Trichloroethene	8260B	14		ug/L	36
008	MW-7B	Aqueous	Vinyl chloride	8260B	4.2		ug/L	37
008	MW-7B	Aqueous	Barium	6020A	160	B	ug/L	38
008	MW-7B	Aqueous	Cadmium	6020A	0.57		ug/L	38
008	MW-7B	Aqueous	Cobalt	6020A	0.61	J	ug/L	38
008	MW-7B	Aqueous	Copper	6020A	1.4	B	ug/L	38
008	MW-7B	Aqueous	Nickel	6020A	1.9	J	ug/L	38
008	MW-7B	Aqueous	Zinc	6020A	24	B	ug/L	38
008	MW-7B	Aqueous	Mercury	7470A	0.000044	J	mg/L	39
009	MW-8A	Aqueous	Carbon disulfide	8260B	0.40	J	ug/L	40
009	MW-8A	Aqueous	cis-1,2-Dichloroethene	8260B	0.18	J	ug/L	40
009	MW-8A	Aqueous	Arsenic	6020A	0.46	BJ	ug/L	42
009	MW-8A	Aqueous	Barium	6020A	14	B	ug/L	42
009	MW-8A	Aqueous	Cadmium	6020A	0.45		ug/L	42
009	MW-8A	Aqueous	Cobalt	6020A	0.55	J	ug/L	42
009	MW-8A	Aqueous	Copper	6020A	1.1	B	ug/L	42
009	MW-8A	Aqueous	Zinc	6020A	8.2	BJ	ug/L	42
010	MW-8B	Aqueous	Arsenic	6020A	3.2	BJ	ug/L	46
010	MW-8B	Aqueous	Barium	6020A	130	B	ug/L	46
010	MW-8B	Aqueous	Beryllium	6020A	0.41		ug/L	46
010	MW-8B	Aqueous	Cadmium	6020A	2.1		ug/L	46
010	MW-8B	Aqueous	Cobalt	6020A	4.7	J	ug/L	46
010	MW-8B	Aqueous	Copper	6020A	2.8	BJ	ug/L	46
010	MW-8B	Aqueous	Zinc	6020A	59	BJ	ug/L	46
011	MW-9	Aqueous	Carbon disulfide	8260B	0.24	J	ug/L	48
011	MW-9	Aqueous	Barium	6020A	47	B	ug/L	50
011	MW-9	Aqueous	Cadmium	6020A	0.29		ug/L	50
011	MW-9	Aqueous	Chromium	6020A	0.63	J	ug/L	50
011	MW-9	Aqueous	Cobalt	6020A	0.64	J	ug/L	50
011	MW-9	Aqueous	Copper	6020A	0.84	BJ	ug/L	50

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
011	MW-9	Aqueous	Lead	6020A	0.15	J	ug/L	50
011	MW-9	Aqueous	Nickel	6020A	1.1	J	ug/L	50
011	MW-9	Aqueous	Zinc	6020A	8.9	BJ	ug/L	50
012	SW-1	Aqueous	Barium	6020A	26	B	ug/L	54
012	SW-1	Aqueous	Copper	6020A	1.5	B	ug/L	54
012	SW-1	Aqueous	Lead	6020A	0.34	J	ug/L	54
012	SW-1	Aqueous	Vanadium	6020A	1.8	J	ug/L	54
012	SW-1	Aqueous	Zinc	6020A	5.8	BJ	ug/L	54
013	SW-2	Aqueous	Barium	6020A	26	B	ug/L	58
013	SW-2	Aqueous	Cadmium	6020A	0.051	J	ug/L	58
013	SW-2	Aqueous	Cobalt	6020A	0.30	J	ug/L	58
013	SW-2	Aqueous	Copper	6020A	1.3	B	ug/L	58
013	SW-2	Aqueous	Lead	6020A	0.23	J	ug/L	58
013	SW-2	Aqueous	Vanadium	6020A	1.9	J	ug/L	58
013	SW-2	Aqueous	Zinc	6020A	4.9	BJ	ug/L	58

(156 detections)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/31/2015 1630**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 0512	PMM2		72037

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	0.070	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**	**1.2**		**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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/31/2015 1630**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 0512	PMM2		72037

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		98	70-130
Toluene-d8		100	70-130

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

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/31/2015 1630**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2158	CDF	04/02/2015 1700	71661
2	3005A	6020A	1	04/07/2015 1929	BNW	04/02/2015 1700	71661

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	2
Barium	**7440-39-3**	**6020A**	**130**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.38**	**J**	**0.40**	**0.12**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.57**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**1.4**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.4**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.50**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	**7440-22-4**	**6020A**	**0.17**	**J**	**1.0**	**0.17**	**ug/L**	**1**
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**23**	**B**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental** Laboratory ID: **QD01081-001**

Description: **MW-1** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1630**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1522	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00014**		**0.00010**	**0.000028**	**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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-002**

Description: **MW-2** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1830**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 0535	PMM2		72037

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**	**0.58**	**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**	**1.6**		**1.0**	**0.33**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**2.3**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.070	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**	**0.70**	**J**	**1.0**	**0.33**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**5.4**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**140**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.4**		**1.0**	**0.15**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**9.8**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**87**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**2.8**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**4.7**		**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**	**18**		**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**	**0.28**	**J**	**1.0**	**0.21**	**ug/L**	**1**
Trichloroethene	**79-01-6**	**8260B**	**53**		**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **03/31/2015 1830**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 0535	PMM2		72037

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**	**8.7**		**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		97	70-130
Toluene-d8		99	70-130

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

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **03/31/2015 1830**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2237	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/07/2015 2354	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0107	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.21**	**J**	**1.0**	**0.17**	**ug/L**	**2**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**230**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.32**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**3.7**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**5.1**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**5.1**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**9.9**		**1.0**	**0.15**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**13**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.7**		**1.0**	**0.95**	**ug/L**	**2**
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**12**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**38**	**B**	**10**	**1.6**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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P = The RPD between two GC columns exceeds 40%
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N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** Laboratory ID: **QD01081-002**

Description: **MW-2** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1830**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1523	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
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P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-003**

Description: **MW-3** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1845**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1528	PAP		72077

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**	**0.24**	**J**	**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	0.070	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
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E = Quantitation of compound exceeded the calibration range
H = Out of holding time
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **03/31/2015 1845**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1528	PAP		72077

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		94	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		94	70-130

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-003**

Description: **MW-3** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1845**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2259	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0016	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0129	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**57**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.33**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	0.26	ug/L	1
Copper	**7440-50-8**	**6020A**	**0.52**	**BJ**	**1.0**	**0.15**	**ug/L**	**3**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	2
Nickel	**7440-02-0**	**6020A**	**1.0**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**8.9**	**BJ**	**10**	**1.6**	**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **03/31/2015 1845**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1525	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-004**

Description: **MW-4** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1915**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1550	PAP		72077
2	5030B	8260B	5	04/10/2015 1827	EH1		72290

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**	**0.95**	**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**	**0.60**	**J**	**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**	**1.9**		**1.0**	**0.33**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**6.5**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.070	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**	**2.1**		**1.0**	**0.33**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**12**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**61**		**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**	**0.40**	**J**	**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**260**		**5.0**	**0.61**	**ug/L**	**2**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**1.4**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**1.5**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	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**	**0.98**	**J**	**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **03/31/2015 1915**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1550	PAP		72077
2	5030B	8260B	5	04/10/2015 1827	EH1		72290

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**13**		**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	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130		94	70-130
Bromofluorobenzene		109	70-130		96	70-130
Toluene-d8		98	70-130		93	70-130

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

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **03/31/2015 1915**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2305	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0022	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0135	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	**7440-38-2**	**6020A**	**1.2**	**B**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**150**	**B**	**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.46**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**59**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.3**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.21**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**6.0**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**3.3**		**1.0**	**0.95**	**ug/L**	**2**
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**27**	**B**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental** Laboratory ID: **QD01081-004**

Description: **MW-4** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1915**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1527	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000036	J	0.00010	0.000028	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-005**

Description: **MW-5** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1930**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1611	PAP		72077

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	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.46**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/31/2015 1930**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1611	PAP		72077

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		105	70-130
Toluene-d8		93	70-130

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-005**

Description: **MW-5** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1930**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2310	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0027	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0140	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**1.1**		**1.0**	**0.17**	**ug/L**	**2**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**82**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.24**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**0.67**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	7440-48-4	6020A	ND		5.0	0.26	ug/L	1
Copper	**7440-50-8**	**6020A**	**3.9**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.16**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**1.4**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**12**	**B**	**10**	**1.6**	**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/31/2015 1930**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1533	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-006**

Description: **MW-6** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1700**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1632	PAP		72077

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	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.17**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **03/31/2015 1700**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1632	PAP		72077

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		107	70-130
Toluene-d8		93	70-130

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

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **03/31/2015 1700**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2316	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0033	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0146	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**99**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.52**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**6.1**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.69**	**BJ**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.23**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**1.1**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**2.3**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**20**	**B**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental** Laboratory ID: **QD01081-006**

Description: **MW-6** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1700**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1535	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **03/31/2015 1745**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1654	PAP		72077

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**	**3.2**		**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**	**0.39**	**J**	**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**	**1.7**	**J**	**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**2.6**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**15**		**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**	**44**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**0.26**	**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**	**6.8**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**12**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **03/31/2015 1745**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1654	PAP		72077

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**	**3.4**		**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		101	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		100	70-130

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-007**

Description: **MW-7A** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1745**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2333	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0050	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0203	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**92**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.48**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**4.1**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.82**	**BJ**	**1.0**	**0.15**	**ug/L**	**3**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	2
Nickel	**7440-02-0**	**6020A**	**1.3**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**1.9**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**15**	**B**	**10**	**1.6**	**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **03/31/2015 1745**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1536	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000048	J	0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-008**

Description: **MW-7B** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1730**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1715	PAP		72077

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**	**4.0**		**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**	**0.37**	**J**	**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**	**0.45**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**2.3**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**4.1**		**1.0**	**0.33**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**20**		**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**	**61**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**0.29**	**J**	**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**0.32**	**J**	**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**	**9.0**		**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**	**14**		**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **03/31/2015 1730**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1715	PAP		72077

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**4.2**		**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		100	70-130
Bromofluorobenzene		109	70-130
Toluene-d8		96	70-130

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

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **03/31/2015 1730**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2338	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0055	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0208	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**160**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.57**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.61**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.4**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	2
Nickel	**7440-02-0**	**6020A**	**1.9**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**24**	**B**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **03/31/2015 1730**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1538	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.000044**	**J**	**0.00010**	**0.000028**	**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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-009**
Description: **MW-8A** | Matrix: **Aqueous**
Date Sampled: **03/31/2015 1800**
Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1737	PAP		72077

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**	**0.40**	**J**	**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	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.18**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **03/31/2015 1800**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1737	PAP		72077

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		96	70-130
Bromofluorobenzene		109	70-130
Toluene-d8		95	70-130

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

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **03/31/2015 1800**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2344	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0101	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0214	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	**7440-38-2**	**6020A**	**0.46**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**14**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.45**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.55**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.1**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	2
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	2
Zinc	**7440-66-6**	**6020A**	**8.2**	**BJ**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **03/31/2015 1800**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1540	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8B**
Date Sampled: **03/31/2015 1815**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1758	PAP		72077

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	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

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

Client: **Buxton Environmental**
Description: **MW-8B**
Date Sampled: **03/31/2015 1815**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1758	PAP		72077

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		94	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		95	70-130

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-010**

Description: **MW-8B** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1815**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2349	CDF	04/03/2015 0923	71710
2	3005A	6020A	10	04/08/2015 0112	CDF	04/03/2015 0923	71710
3	3005A	6020A	10	04/09/2015 0225	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		10	1.7	ug/L	2
Arsenic	**7440-38-2**	**6020A**	**3.2**	**BJ**	**10**	**2.6**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**130**	**B**	**50**	**5.3**	**ug/L**	**2**
Beryllium	**7440-41-7**	**6020A**	**0.41**		**0.40**	**0.12**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**2.1**		**1.0**	**0.44**	**ug/L**	**2**
Chromium	7440-47-3	6020A	ND		50	6.3	ug/L	2
Cobalt	**7440-48-4**	**6020A**	**4.7**	**J**	**50**	**2.6**	**ug/L**	**2**
Copper	**7440-50-8**	**6020A**	**2.8**	**BJ**	**10**	**1.5**	**ug/L**	**3**
Lead	7439-92-1	6020A	ND		10	1.5	ug/L	2
Nickel	7440-02-0	6020A	ND		50	6.3	ug/L	2
Selenium	7782-49-2	6020A	ND		10	9.5	ug/L	2
Silver	7440-22-4	6020A	ND		10	1.7	ug/L	2
Thallium	7440-28-0	6020A	ND		5.0	0.75	ug/L	2
Vanadium	7440-62-2	6020A	ND		50	15	ug/L	2
Zinc	**7440-66-6**	**6020A**	**59**	**BJ**	**100**	**16**	**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** Laboratory ID: **QD01081-010**

Description: **MW-8B** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1815**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1542	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-011**

Description: **MW-9** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1645**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1819	PAP		72077

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**	**0.24**	**J**	**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	0.070	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/31/2015 1645**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1819	PAP		72077

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		103	70-130
Bromofluorobenzene		114	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/31/2015 1645**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/06/2015 2355	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0118	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0230	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**47**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.29**		**0.10**	**0.044**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**0.63**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**0.64**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.84**	**BJ**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.15**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**1.1**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**8.9**	**BJ**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/31/2015 1645**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1548	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **03/31/2015 1715**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1202	EH1		72086

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	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-012**

Description: **SW-1** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1715**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1202	EH1		72086

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		94	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		95	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **03/31/2015 1715**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/07/2015 0000	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0123	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0236	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**26**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.044	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	0.26	ug/L	1
Copper	**7440-50-8**	**6020A**	**1.5**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.34**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**1.8**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**5.8**	**BJ**	**10**	**1.6**	**ug/L**	**1**

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

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **03/31/2015 1715**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1550	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental** | Laboratory ID: **QD01081-013**

Description: **SW-2** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1900**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1225	EH1		72086

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	0.070	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental** | Laboratory ID: **QD01081-013**

Description: **SW-2** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1900**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1225	EH1		72086

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		97	70-130
Bromofluorobenzene		98	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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** | Laboratory ID: **QD01081-013**

Description: **SW-2** | Matrix: **Aqueous**

Date Sampled: **03/31/2015 1900**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/07/2015 0006	CDF	04/03/2015 0923	71710
2	3005A	6020A	1	04/08/2015 0129	CDF	04/03/2015 0923	71710
3	3005A	6020A	1	04/09/2015 0242	BNW	04/03/2015 0923	71710

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**26**	**B**	**5.0**	**0.53**	**ug/L**	**2**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.051**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.30**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.3**	**B**	**1.0**	**0.15**	**ug/L**	**3**
Lead	**7439-92-1**	**6020A**	**0.23**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**1.9**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**4.9**	**BJ**	**10**	**1.6**	**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

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

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Buxton Environmental** Laboratory ID: **QD01081-013**

Description: **SW-2** Matrix: **Aqueous**

Date Sampled: **03/31/2015 1900**

Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/02/2015 1555	COH	04/02/2015 1119	71602

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

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

Client: **Buxton Environmental** | Laboratory ID: **QD01081-014**
Description: **TRIP BLANK** | Matrix: **Aqueous**
Date Sampled: **03/31/2015**
Date Received: **04/01/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1140	EH1		72086

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	0.070	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
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
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **TRIP BLANK**
Date Sampled: **03/31/2015**
Date Received: **04/01/2015**

Laboratory ID: **QD01081-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2015 1140	EH1		72086

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		94	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		97	70-130

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

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 16

Replaces Date: 07/15/14
Effective Date: 11/07/14

Sample Receipt Checklist (SRC)

Client: Buxton Cooler Inspected by/date: mcm/040115 Lot #: 0501021

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other			
Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?
Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt: AM/AM °C / / °C / / °C / / °C Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: #4 IR Gun Correction Factor: 0.0 °C Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None			
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 on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		13. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		14. Was adequate sample volume available?
Yes ☑	No ☐		15. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		16. Were any samples containers missing?
Yes ☐	No ☑		17. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	18. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	19. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	20. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	21. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	22. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	23. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☐	No ☑		24. Was the quote number used taken from the container label?
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) using SR # _____.			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L (If #21 is No)			
SC Drinking Water Project Sample(s) pH verified to be > 2 by _____ Date: _____ Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____			
Sample labels applied by: mcm Verified by: _____ Date: 4/1/15			

Comments:

SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 47108

Client: Buxton Environmental, Inc	Report to Contact: Ross Klingman	Telephone No. / E-mail: 704-344-1450	Quote No.
Address: 1101 South Blvd Ste 101	Sampler's Signature: X [signature]	Analysis (Attach list if more space is needed)	Page 1 of
City: Charlotte; State: NC; Zip Code: 28203	Printed Name		QD01081
Project Name: Alamance Co-Swepsonville Landfill			
Project No.: NC; P.O. No.			

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Cu. Grab Cu. Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No of Containers by Preservative Type: Unpres.	HCl	HNO3	H2SO4	NaOH	NaOH/Zn		APPI VOCs	APPI METALS w/ Hg	Remarks / Cooler I.D.
MW-1	3-31-15	16:30	6		✓									X	X	
MW-2	"	18:30	6		✓									X	X	
MW-3	"	18:45	6		✓									X	X	
MW-4	"	19:15	6		✓									X	X	
MW-5	"	19:30	6		✓									X	X	
MW-6	"	17:00	6		✓									X	X	
MW-7A	"	17:45	6		✓									X	X	
MW-7B	"	17:30	6		✓									X	X	
MW-8A	"	18:00	6		✓									X	X	
MW-8B	"	18:15	6		✓									X	X	
MW-9	"	16:45	6		✓									X	X	
SW-1	"	17:15	6		✓									X	X	
SW-2	"	19:00	6		✓									X	X	
TRIP BLANK	"	—	6		✓									X		

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

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

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

QC Requirements (Specify): PER NC SOLID WASTE

	Date	Time		Date	Time
1. Relinquished by [signature]	4-1-15	12:00	1. Received by [signature]	4/1/15	1200
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by [signature]	4/1/15	1200	4. Laboratory received by [signature]	4/1/15	1700

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

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack Receipt Temp. 1.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014