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NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner): Buxton Environmental, Inc
1101 South Blvd Ste 101
Charlotte, NC 28203

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)
Gaston Co - Closed Cramerton Landfill	Cramerton Rd.	NA	—	11-20-07

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 or explosive methane gas limits 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 — President — 704-344-1450

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

Signature — 1-21-08 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

Revised 10/2006

SECOND SEMI-ANNUAL 2007
GROUNDWATER AND SURFACE WATER MONITORING EVENT
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

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SECOND SEMI-ANNUAL 2007
GROUNDWATER AND SURFACE WATER MONITORING EVENT
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the second semi-annual 2007 groundwater and surface water monitoring activities conducted at the Gaston County Closed Cramerton Landfill located in Gaston County, North Carolina. The purpose for conducting the assessment was to monitor groundwater, surface water and hydrogeologic conditions at the subject site. A site location map and site layout map are provided in Figures 1 and 2, respectively.

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

2.0 *BACKGROUND INFORMATION*

Based on review of aerial photographs and discussions with Gaston County personnel, the subject facility operated from approximately 1966 until it closed in 1984. The subject property consists of approximately 44 acres and contains a Colonial Pipeline (petroleum) easement across the central portion of the site. Two landfill areas, one located northwest of the pipeline and one located southeast of the pipeline, were filled during operation.

To comply with NCSWM guidelines, semi-annual groundwater monitoring was initiated in April 1997 at eight shallow monitor wells MW-1 through MW-8. The groundwater samples were analyzed for Appendix I volatile organic compounds (VOC's) and RCRA metals. Groundwater samples collected at the site during these activities indicated several VOC's and metals above the North Carolina Groundwater Protection Standards (NCGPS).

Due to the presence of target constituents above the NCGPS, the NCSWM requested that additional assessment be conducted to determine the extent of affected groundwater and the existence of surrounding water supply wells. According to a March 22, 2001 *Site Assessment Activities for Cramerton Closed Landfill* report prepared by Resolve Environmental Services, P.A., two deep monitor wells MW-2D and MW-6D and one shallow monitor well MW-7A were installed at the site. The three wells were installed immediately adjacent to monitor wells MW-2, MW-6 and MW-7, respectively. Groundwater sample MW-2D indicated the presence of 68 micrograms per liter (ug/l) lead, which is above the NCGPS. Groundwater sample MW-6D indicated the presence of 20 ug/l lead and 9 ug/l benzene, which are above the NCGPS. Groundwater sample MW-7A indicated the presence of 22 ug/l lead and 6 ug/l 1,2-dichloroethane, which are above the NCGPS. During the assessment, 34 water supply wells were identified within a 0.5 mile radius of the former landfill. According to the report, these water supply wells were either located upgradient of the landfill or were separated by a shallow groundwater divide.

In response to the March 2001 report, the NCSWM requested in a November 8, 2001 letter that additional assessment activities be conducted in the area of monitor well MW-6D and MW-7A to determine the extent of affected groundwater. Gaston County Public Works is currently evaluating the purchase of immediately adjacent property to serve as a buffer for affected groundwater detected at the site.

Gaston County recently purchased 2.44 acres of property on the eastern corner of the site located immediately adjacent to monitor well MW-7A.

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On November 20, 2007, Buxton Environmental, Inc. conducted the second semi-annual 2007 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at seven shallow monitor wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7A and MW-8, and two deep monitor wells MW-2D and MW-6D. Monitor well MW-5 was dry during the monitoring event and was unable to be sampled, due to recent drought conditions. Surface water sampling was conducted at the Upstream location, however, was not conducted that the Downstream due to dry conditions.

Prior to conducting the sampling activities, groundwater levels were obtained from each 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 with a disposable Teflon bailer attached to new nylon rope. Purge water was poured on the ground surface at respective well heads. Field parameters including pH, conductivity and temperature were collected following purging at each well and at each surface water sample location. 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, and 8 RCRA metals by EPA Methods 6010B and 7470A. Monitor well MW-3 was only analyzed for Appendix I VOC's, due to limited water. For quality control purposes, one trip blank and one equipment blank were analyzed for Appendix I VOC's. The trip blank was prepared by the laboratory and the de-ionized water utilized for the equipment blank was supplied 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.

The monitor wells were locked and appeared to be in good condition during the sampling event.

4.0 GROUNDWATER FLOW DIRECTION

Based on groundwater levels obtained on November 20, 2007, shallow groundwater flow at the site is to the south, southwest, northwest and southeast. A shallow groundwater flow direction map is provided in Figure 3.

A horizontal hydraulic gradient of 0.03 feet per feet (ft/ft) was observed between shallow monitor wells MW-1 and MW-3. An upward vertical gradient of 0.03 ft/ft was observed at nested monitor wells MW-2 and MW-2D, and a downward gradient of 0.04 ft/ft was observed at nested monitor wells MW-6 and MW-6D. Upward vertical gradients are generally associated with groundwater discharge zones and downward gradients are generally associated with groundwater recharge zones.

5.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the second semi-annual 2007 event are presented in Tables 3 and 4, respectively, and are illustrated in Figure 4. Laboratory data sheets are presented in Appendix A. Historical groundwater analytical results are presented in Appendix B.

Groundwater samples collected at monitor wells MW-2, MW-3, MW-4, MW-6, MW-6D and MW-7A indicated the presence of target constituents above the NCGPS, which are summarized below. Groundwater sample MW-2 indicated the presence of 3.4 ug/l 1,4-dichlorobenzene and 1.8 ug/l vinyl chloride. Groundwater sample MW-3 indicated the presence of 0.54J ug/l 1,2,3-trichloropropane (J=estimated result (<Solid Waste Section Limit (SWSL) or Practical Quantitation Limit (PQL) and >=Method Detection Limit (MDL)). Groundwater sample MW-4 indicated the presence of 1 ug/l benzene and 9.7 ug/l 1,4-dichlorobenzene. Groundwater sample MW-6 indicated 6.2 ug/l benzene, 18 ug/l 1,4-dichlorobenzene and 0.92J ug/l vinyl chloride. Groundwater sample MW-6D indicated 5 ug/l benzene, 6.3 ug/l 1,4-dichlorobenzene, 3.6 ug/l trichloroethene and 2.7 ug/l vinyl chloride. Groundwater sample MW-7A indicated the presence of 4.7 ug/l benzene and 10 ug/l 1,4-dichlorobenzene. The remaining groundwater samples did not indicate target constituents above the NCGPS.

The Upstream surface water sample did not indicate target constituents above the NCGPS.

The trip blank indicated the presence of 0.5BJ ug/l methylene chloride (B=detected in method blank) and appears to be the result of laboratory contamination. The equipment blank did not indicate target constituents above method detection limits.

6.0 CONCLUSIONS

On November 20, 2007, Buxton Environmental, Inc. conducted the second semi-annual 2007 groundwater monitoring activities at the Closed Cramerton Landfill located in Gaston County, North Carolina. A summary of the findings of this investigation is provided below.

- Shallow groundwater flow at the site is to the south, southwest, northwest and southeast.
- Groundwater samples collected at MW-2, MW-3, MW-4, MW-6, MW-6D and MW-7A indicated target constituents above the NCGPS.
- The Upstream surface water sample did not indicate target constituents above the NCGPS.

7.0 RECOMMENDATIONS

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

- Semi-annual groundwater monitoring should continue to be conducted at the Closed Cramerton Landfill. The next sampling event is anticipated to be conducted in May 2008.

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

rk:reports:cramertonrpt..1107

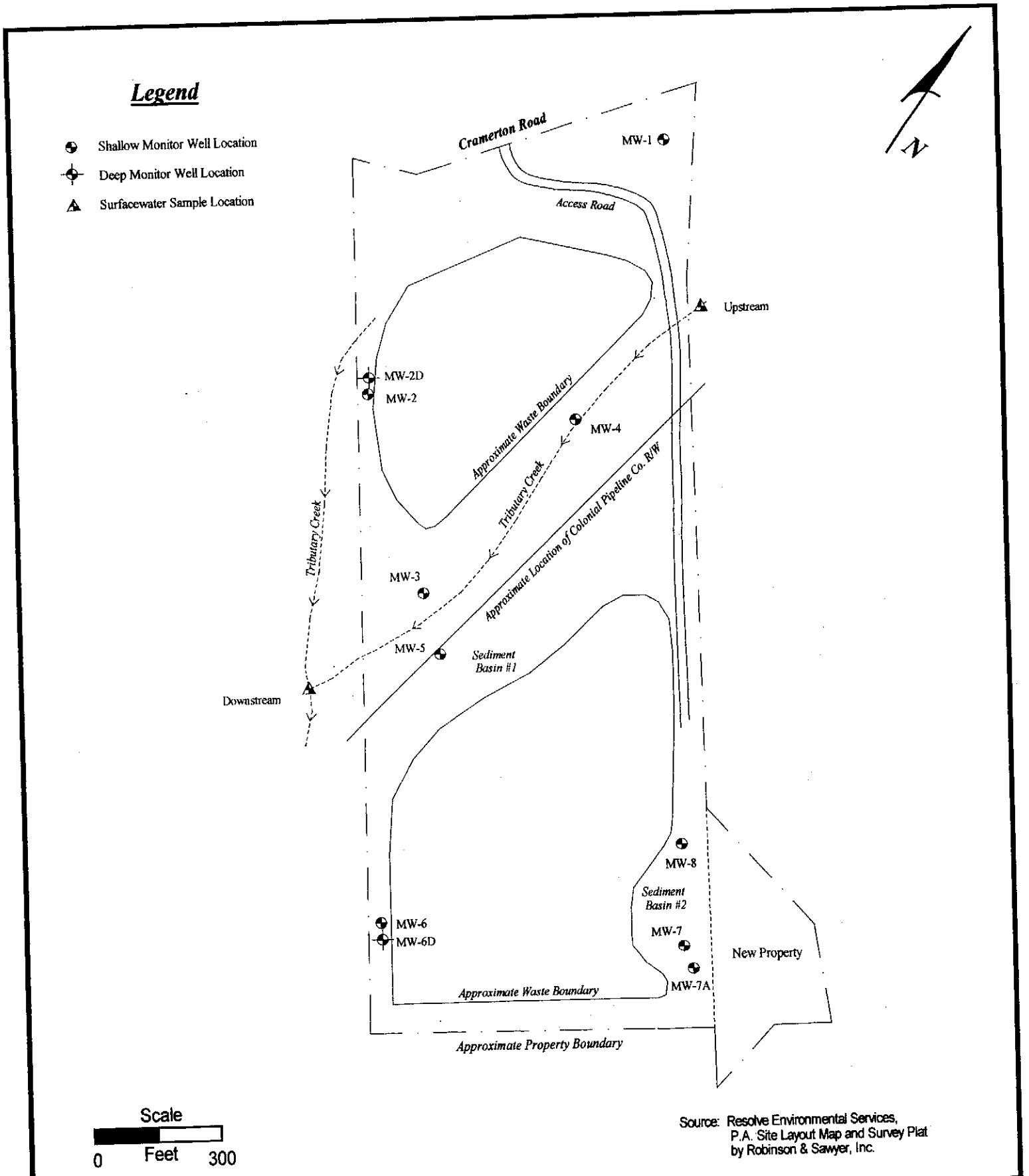
FIGURES

Scale

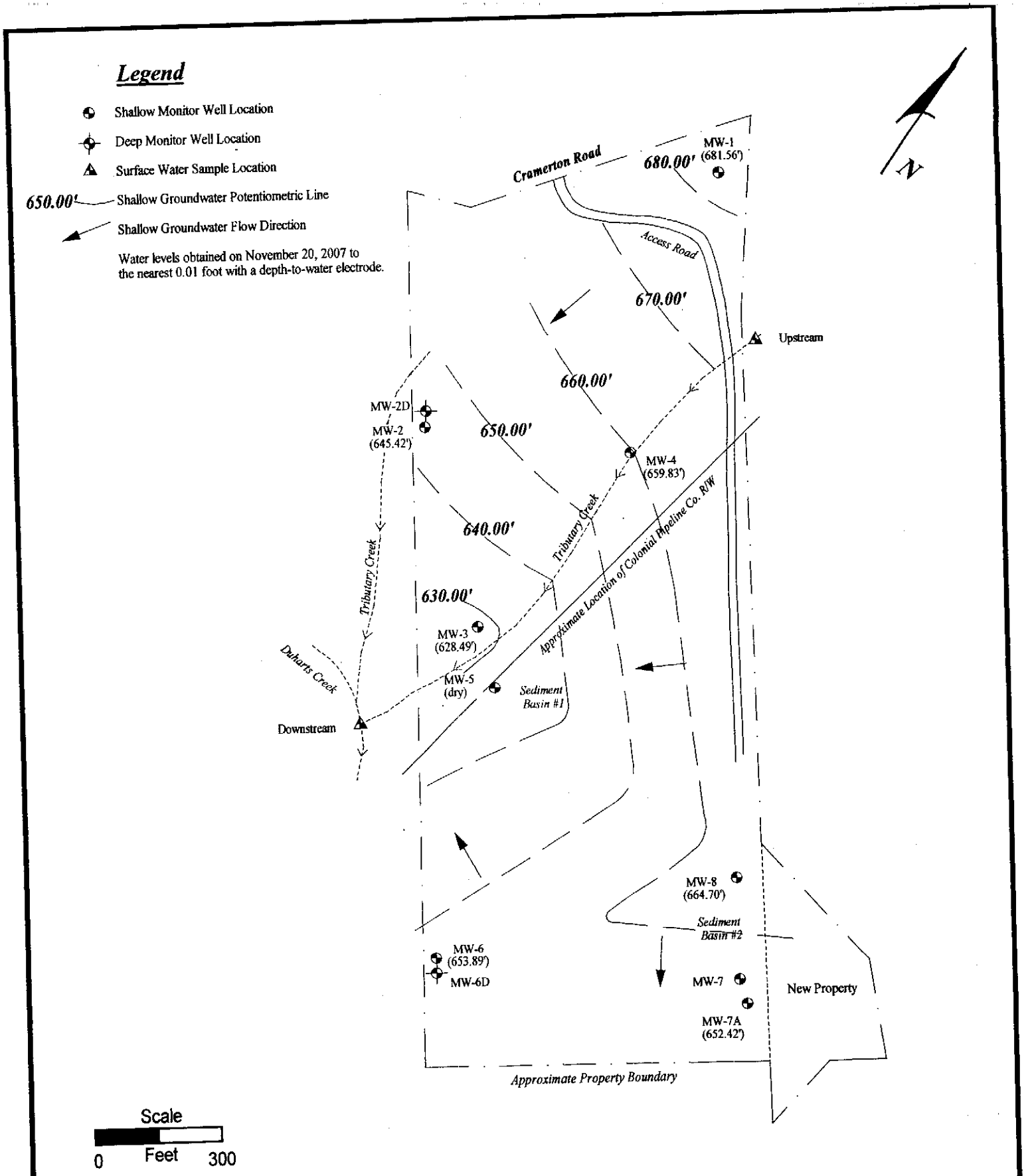
0 Feet 2,000

Source: United States Geological Survey, 1993 Mount Holly, 1997 Belmont, North and South Carolina Quadrangles

Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 1. Site Location Map



Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 2. Site Layout Map



Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 3. Shallow Groundwater Flow Second Semi-Annual 2007

Legend

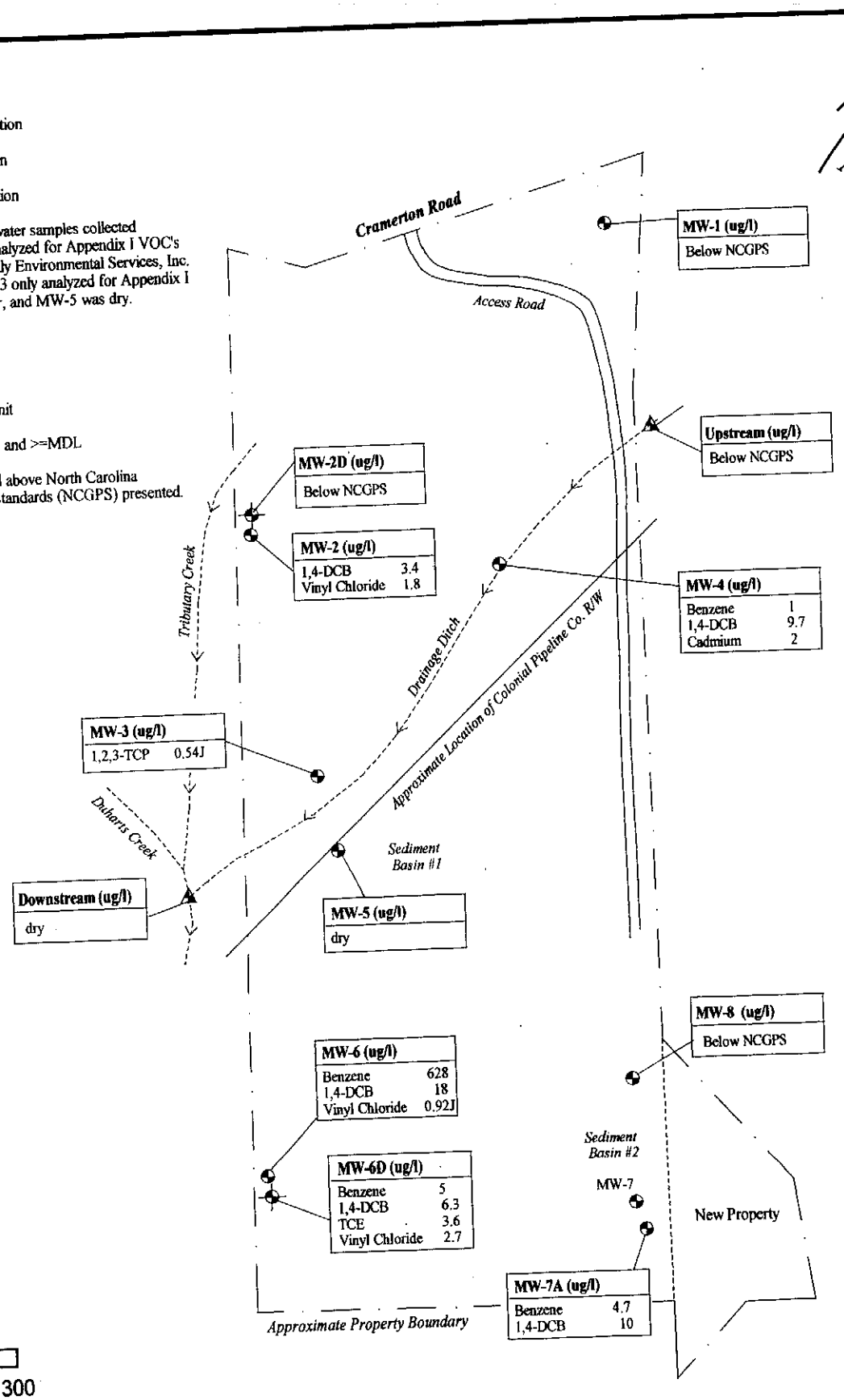
- Shallow Monitor Well Location
- Deep Monitor Well Location
- Surfacewater Sample Location

Groundwater and surface water samples collected November 20, 2007 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. Groundwater sample MW-3 only analyzed for Appendix I VOC's due to limited water, and MW-5 was dry.

DCB = Dichlorobenzene
TCE = Trichloroethene
TCP = Trichlorpropane

BDL = below detection limit
ug/l = microgram per liter
J = estimated result <PQL and >=MDL

Only constituents detected above North Carolina Groundwater Protection Standards (NCGPS) presented.



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Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 4. Groundwater Analytical Results Second Semi-Annual 2007

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 20, 2007

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	23.90	702.23	20.67	681.56
MW-2	17.50	652.34	6.92	645.42
MW-2D	53.00	656.54	10.07	646.47
MW-3	15.50	643.73	15.24	628.49
MW-4	10.00	667.20	7.37	659.83
MW-5	11.70	646.88	dry	dry
MW-6	29.00	682.36	28.47	653.89
MW-6D	56.00	685.74	32.89	652.85
MW-7A	38.00	680.03	27.61	652.42
MW-8	26.00	671.01	6.31	664.70

Notes:
Depth to water measurements collected on November 20, 2007 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

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TABLE 2
FIELD PARAMETER DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 20, 2007

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	7.0	90	69
MW-2	6.8	250	64
MW-2D	6.9	370	66
MW-3	--	--	--
MW-4	6.6	520	66
MW-5	dry	dry	dry
MW-6	6.5	470	67
MW-6D	6.6	420	66
MW-7A	6.6	440	68
MW-8	7.0	160	69
Upstream	7.3	120	55
Downstream	dry	dry	dry

Notes:
Field parameters collected on November 20, 2007.
SU = standard units
uS = mho's per second
K = conductivity; T = temperature
"--" = no data, limited water

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 20, 2007

Sample ID	*MW-1*	*MW-2*	*MW-2D*	*MW-3*	*MW-4*	*MW-5*	*MW-6*	*MW-6D*	*MW-7A*	*MW-8*	*NCGPS*
Appendix I VOC's											
Acetone	BDL	BDL	BDL	8.6	BDL	NT	2J	BDL	BDL	BDL	700
Benzene	BDL	0.8J	BDL	BDL	**[illegible]**	NT	**[illegible]**	**[illegible]**	**[illegible]**	BDL	1
Carbon Disulfide	BDL	BDL	BDL	0.61J	BDL	NT	BDL	BDL	BDL	BDL	700
Chlorobenzene	BDL	5	BDL	BDL	8.1	NT	1.1	0.76J	3.2	BDL	50
Chloroethane	BDL	BDL	BDL	BDL	BDL	NT	3	BDL	BDL	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	1.1	NT	0.49J	0.48J	0.3J	BDL	24
1,4-Dichlorobenzene	BDL	**[illegible]**	0.32J	BDL	**[illegible]**	NT	**[illegible]**	**[illegible]**	**[illegible]**	BDL	1.4
1,1-Dichloroethane	BDL	2	3.4	BDL	0.72J	NT	5.9	18	1.7	0.63J	70
1,1-Dichloroethene	BDL	2	1.4	BDL	BDL	NT	BDL	BDL	BDL	BDL	7
cis-1,2 Dichloroethene	BDL	2.3	2	BDL	0.18J	NT	50	55	1.6	BDL	70
trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	NT	0.36J	BDL	BDL	BDL	100
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	NT	0.18J	BDL	BDL	BDL	550
Methylene Chloride	BDL	BDL	0.58BJ	BDL	BDL	NT	BDL	BDL	BDL	BDL	4.6
Tetrachloroethene	BDL	BDL	0.45J	BDL	BDL	NT	0.19J	BDL	BDL	BDL	0.7
Toluene	BDL	BDL	BDL	BDL	BDL	NT	0.38J	0.29J	0.71J	BDL	1,000
Trichloroethene	BDL	BDL	0.3J	BDL	BDL	NT	0.92J	**[illegible]**	BDL	BDL	2.8
1,2,3-Trichloropropane	BDL	BDL	BDL	**[illegible]**	BDL	NT	BDL	BDL	BDL	BDL	0.005
Xylenes	BDL	BDL	BDL	BDL	BDL	NT	6.2	0.59J	0.42J	BDL	530
Vinyl Chloride	BDL	**[illegible]**	BDL	BDL	BDL	NT	**[illegible]**	**[illegible]**	BDL	BDL	0.015
RCRA Metals											
Arsenic	BDL	BDL	BDL	NT	BDL	NT	BDL	BDL	16	BDL	50
Barium	70	420	30	NT	690	NT	1,200	140	420	46	2,000
Cadmium	1.2J	1.7J	BDL	NT	**[illegible]**	NT	1.2J	1.3J	1.2J	1.1J	1.75
Chromium	3.6J	14	3.7J	NT	2.6J	NT	2.5J	BDL	2.8J	BDL	50
Lead	BDL	12	4.3	NT	BDL	NT	BDL	BDL	BDL	BDL	15
Mercury	BDL	0.21	BDL	NT	BDL	NT	BDL	BDL	BDL	BDL	1.05
Selenium	BDL	BDL	BDL	NT	BDL	NT	BDL	2.7BJ	BDL	BDL	50
Silver	BDL	BDL	BDL	NT	BDL	NT	BDL	0.87J	BDL	BDL	17.5

Notes:
Groundwater samples were collected on November 20, 2007 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in W. Columbia, SC.
BDL = below detection limit; NS = no standard;
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
Bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL
NT = not tetsted, limited water or dry well

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TABLE 4
SURFACE WATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 20, 2007

Sample ID	***Upstream***	***Downstream***	***NCGPS***
Appendix I VOC's			
Acetone	4.5J	NT	700
RCRA Metals			
Barium	46	NT	2,000
Cadmium	1.3J	NT	1.75
Chromium	2.4J	NT	50

Notes:
Surface water samples collected November 20, 2007 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in W. Columbia, SC.
BDL = below detection limit
NA = not applicable
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL
NT = not tested, dry

rk:tables:cramsw.1107

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: **Gaston Co. Landfill- Cramerton**

Lot Number: **IK21042**
Date Completed: **12/05/2007**

Michael Casalena
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: IK21042

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

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

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

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

Sample Summary
Buxton Environmental
Lot Number: IK21042

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	11/20/2007 1130	11/21/2007
002	MW-2	Aqueous	11/20/2007 1145	11/21/2007
003	MW-2D	Aqueous	11/20/2007 1200	11/21/2007
004	MW-3	Aqueous	11/20/2007 1030	11/21/2007
005	MW-4	Aqueous	11/20/2007 1245	11/21/2007
006	MW-6	Aqueous	11/20/2007 1400	11/21/2007
007	MW-6D	Aqueous	11/20/2007 1445	11/21/2007
008	MW-7A	Aqueous	11/20/2007 1345	11/21/2007
009	MW-8	Aqueous	11/20/2007 1320	11/21/2007
010	UPSTREAM	Aqueous	11/20/2007 0930	11/21/2007
011	TRIP BLANK	Aqueous	10/31/2007 1430	11/21/2007

(11 samples)

Executive Summary
Buxton Environmental
Lot Number: IK21042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Barium	6010B	0.070		mg/L	8
001	MW-1	Aqueous	Cadmium	6010B	0.0012	J	mg/L	8
001	MW-1	Aqueous	Chromium	6010B	0.0036	J	mg/L	8
002	MW-2	Aqueous	Benzene	8260B	0.80	J	ug/L	9
002	MW-2	Aqueous	Chlorobenzene	8260B	5.0		ug/L	9
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	3.4		ug/L	9
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	2.0		ug/L	9
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	2.0		ug/L	9
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	2.3		ug/L	9
002	MW-2	Aqueous	Vinyl chloride	8260B	1.8		ug/L	10
002	MW-2	Aqueous	Barium	6010B	0.42		mg/L	11
002	MW-2	Aqueous	Cadmium	6010B	0.0017	J	mg/L	11
002	MW-2	Aqueous	Chromium	6010B	0.014		mg/L	11
002	MW-2	Aqueous	Lead	6010B	0.012		mg/L	11
002	MW-2	Aqueous	Mercury	7470A	0.00021		mg/L	11
003	MW-2D	Aqueous	1,4-Dichlorobenzene	8260B	0.32	J	ug/L	12
003	MW-2D	Aqueous	1,1-Dichloroethane	8260B	3.4		ug/L	12
003	MW-2D	Aqueous	1,1-Dichloroethene	8260B	1.4		ug/L	12
003	MW-2D	Aqueous	cis-1,2-Dichloroethene	8260B	2.0		ug/L	12
003	MW-2D	Aqueous	Methylene chloride	8260B	0.58	BJ	ug/L	12
003	MW-2D	Aqueous	Tetrachloroethene	8260B	0.45	J	ug/L	12
003	MW-2D	Aqueous	Trichloroethene	8260B	0.30	J	ug/L	12
003	MW-2D	Aqueous	Barium	6010B	0.030		mg/L	14
003	MW-2D	Aqueous	Chromium	6010B	0.0037	J	mg/L	14
003	MW-2D	Aqueous	Lead	6010B	0.0043		mg/L	14
004	MW-3	Aqueous	Acetone	8260B	8.6	J	ug/L	15
004	MW-3	Aqueous	Carbon disulfide	8260B	0.61	J	ug/L	15
004	MW-3	Aqueous	1,2,3-Trichloropropane	8260B	0.54	J	ug/L	15
005	MW-4	Aqueous	Benzene	8260B	1.0		ug/L	17
005	MW-4	Aqueous	Chlorobenzene	8260B	8.1		ug/L	17
005	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.1		ug/L	17
005	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	9.7		ug/L	17
005	MW-4	Aqueous	1,1-Dichloroethane	8260B	0.72	J	ug/L	17
005	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	0.18	J	ug/L	17
005	MW-4	Aqueous	Barium	6010B	0.69		mg/L	19
005	MW-4	Aqueous	Cadmium	6010B	0.0020		mg/L	19
005	MW-4	Aqueous	Chromium	6010B	0.0026	J	mg/L	19
006	MW-6	Aqueous	Acetone	8260B	2.0	J	ug/L	20
006	MW-6	Aqueous	Benzene	8260B	6.2		ug/L	20
006	MW-6	Aqueous	Chlorobenzene	8260B	1.1		ug/L	20
006	MW-6	Aqueous	Chloroethane	8260B	3.0		ug/L	20
006	MW-6	Aqueous	1,2-Dichlorobenzene	8260B	0.49	J	ug/L	20
006	MW-6	Aqueous	1,4-Dichlorobenzene	8260B	18		ug/L	20
006	MW-6	Aqueous	1,1-Dichloroethane	8260B	5.9		ug/L	20
006	MW-6	Aqueous	cis-1,2-Dichloroethene	8260B	50		ug/L	20

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Executive Summary (Continued)

Lot Number: IK21042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
006	MW-6	Aqueous	trans-1,2-Dichloroethene	8260B	0.36	J	ug/L	20
006	MW-6	Aqueous	Ethylbenzene	8260B	0.18	J	ug/L	20
006	MW-6	Aqueous	Tetrachloroethene	8260B	0.19	J	ug/L	20
006	MW-6	Aqueous	Toluene	8260B	0.38	J	ug/L	20
006	MW-6	Aqueous	Trichloroethene	8260B	0.92	J	ug/L	20
006	MW-6	Aqueous	Vinyl chloride	8260B	6.2		ug/L	21
006	MW-6	Aqueous	Xylenes (total)	8260B	0.92	J	ug/L	21
006	MW-6	Aqueous	Barium	6010B	1.2		mg/L	22
006	MW-6	Aqueous	Cadmium	6010B	0.0012	J	mg/L	22
006	MW-6	Aqueous	Chromium	6010B	0.0025	J	mg/L	22
007	MW-6D	Aqueous	Benzene	8260B	5.0		ug/L	23
007	MW-6D	Aqueous	Chlorobenzene	8260B	0.76	J	ug/L	23
007	MW-6D	Aqueous	1,2-Dichlorobenzene	8260B	0.48	J	ug/L	23
007	MW-6D	Aqueous	1,4-Dichlorobenzene	8260B	6.3		ug/L	23
007	MW-6D	Aqueous	1,1-Dichloroethane	8260B	18		ug/L	23
007	MW-6D	Aqueous	cis-1,2-Dichloroethene	8260B	55		ug/L	23
007	MW-6D	Aqueous	Toluene	8260B	0.29	J	ug/L	23
007	MW-6D	Aqueous	Trichloroethene	8260B	3.6		ug/L	23
007	MW-6D	Aqueous	Vinyl chloride	8260B	2.7		ug/L	24
007	MW-6D	Aqueous	Xylenes (total)	8260B	0.59	J	ug/L	24
007	MW-6D	Aqueous	Barium	6010B	0.14		mg/L	25
007	MW-6D	Aqueous	Cadmium	6010B	0.0013	J	mg/L	25
007	MW-6D	Aqueous	Selenium	6010B	0.0027	BJ	mg/L	25
007	MW-6D	Aqueous	Silver	6010B	0.00087	J	mg/L	25
008	MW-7A	Aqueous	Benzene	8260B	4.7		ug/L	26
008	MW-7A	Aqueous	Chlorobenzene	8260B	3.2		ug/L	26
008	MW-7A	Aqueous	1,2-Dichlorobenzene	8260B	0.30	J	ug/L	26
008	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	10		ug/L	26
008	MW-7A	Aqueous	1,1-Dichloroethane	8260B	1.7		ug/L	26
008	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	1.6		ug/L	26
008	MW-7A	Aqueous	Toluene	8260B	0.71	J	ug/L	26
008	MW-7A	Aqueous	Xylenes (total)	8260B	0.42	J	ug/L	27
008	MW-7A	Aqueous	Arsenic	6010B	0.016		mg/L	28
008	MW-7A	Aqueous	Barium	6010B	0.42		mg/L	28
008	MW-7A	Aqueous	Cadmium	6010B	0.0012	J	mg/L	28
008	MW-7A	Aqueous	Chromium	6010B	0.0028	J	mg/L	28
009	MW-8	Aqueous	1,1-Dichloroethane	8260B	0.63	J	ug/L	29
009	MW-8	Aqueous	Barium	6010B	0.046		mg/L	31
009	MW-8	Aqueous	Cadmium	6010B	0.0011	J	mg/L	31
010	UPSTREAM	Aqueous	Acetone	8260B	4.5	J	ug/L	32
010	UPSTREAM	Aqueous	Barium	6010B	0.046		mg/L	34
010	UPSTREAM	Aqueous	Cadmium	6010B	0.0013	J	mg/L	34
010	UPSTREAM	Aqueous	Chromium	6010B	0.0024	J	mg/L	34
011	TRIP BLANK	Aqueous	Methylene chloride	8260B	0.50	BJ	ug/L	35

(89 detections)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **11/20/2007 1130**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1242	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	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	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

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

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

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **11/20/2007 1130**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1242	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		106	76-125

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

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RCRA Metals

Client: **Buxton Environmental**
Laboratory ID: **IK21042-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1130**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/26/2007 2317	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1808	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2106	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.070**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0012**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010B**	**0.0036**	**J**	**0.0050**	**0.0021**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **11/20/2007 1145**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1304	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.80**	**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	0.15	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	0.81	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**	**5.0**		**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**3.4**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**2.0**		**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**	**2.0**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**2.3**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

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

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J = Estimated result < PQL and ≥ MDL

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **11/20/2007 1145**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1304	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**1.8**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		107	76-125

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

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

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

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RCRA Metals

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **11/20/2007 1145**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/26/2007 2335	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1809	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2113	KJC	11/23/2007 1630	68364
3	3005A	6010B	1	12/04/2007 2141	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.42**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0017**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010B**	**0.014**		**0.0050**	**0.0021**	**mg/L**	**1**
Lead	**7439-92-1**	**6010B**	**0.012**		**0.0030**	**0.0019**	**mg/L**	**3**
Mercury	**7439-97-6**	**7470A**	**0.00021**		**0.00010**	**0.000053**	**mg/L**	**1**
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

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

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

Shealy Environmental Services, Inc.
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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-003**
Description: **MW-2D**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1200**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1327	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**0.32**	**J**	**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**3.4**		**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**	**1.4**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**2.0**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.58**	**BJ**	**1.0**	**0.13**	**ug/L**	**1**
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**0.45**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.17	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**	**0.30**	**J**	**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	0.27	ug/L	1

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

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

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-003**
Description: **MW-2D**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1200**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1327	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		108	76-125

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RCRA Metals

Client: **Buxton Environmental**
Laboratory ID: **IK21042-003**
Description: **MW-2D**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1200**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/26/2007 2341	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1810	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2119	KJC	11/23/2007 1630	68364
3	3005A	6010B	1	12/04/2007 2147	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.030**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.0037**	**J**	**0.0050**	**0.0021**	**mg/L**	**1**
Lead	**7439-92-1**	**6010B**	**0.0043**		**0.0030**	**0.0019**	**mg/L**	**3**
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

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N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **11/20/2007 1030**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/26/2007 1757	DLB		68477

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**8.6**	**J**	**20**	**1.2**	**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	0.15	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	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	**75-15-0**	**8260B**	**0.61**	**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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	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	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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**	**0.54**	**J**	**1.0**	**0.27**	**ug/L**	**1**

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **11/20/2007 1030**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/26/2007 1757	DLB		68477

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		99	76-125

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ND = Not detected at or above the MDL
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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-005**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1245**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1349	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.0**		**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	0.15	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	0.81	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**	**8.1**		**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	**95-50-1**	**8260B**	**1.1**		**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**9.7**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**0.72**	**J**	**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.18**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **11/20/2007 1245**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1349	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		109	76-125

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

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

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

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

RCRA Metals

Client: **Buxton Environmental**
Laboratory ID: **IK21042-005**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1245**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/26/2007 2348	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1811	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2125	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.69**		**0.025**	**0.0075**	**mg/L**	1
Cadmium	**7440-43-9**	**6010B**	**0.0020**		**0.0020**	**0.00060**	**mg/L**	1
Chromium	**7440-47-3**	**6010B**	**0.0026**	**J**	**0.0050**	**0.0021**	**mg/L**	1
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1400**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1411	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**2.0**	**J**	**20**	**1.2**	**ug/L**	**1**
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**6.2**		**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	0.15	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	0.81	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**	**1.1**		**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**3.0**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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**	**0.49**	**J**	**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**18**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**5.9**		**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**	**50**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**0.36**	**J**	**1.0**	**0.20**	**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	0.10	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**0.18**	**J**	**1.0**	**0.17**	**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	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**0.19**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**0.38**	**J**	**1.0**	**0.17**	**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**	**0.92**	**J**	**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	0.27	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **11/20/2007 1400**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1411	LH		68414

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**	**6.2**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**0.92**	**J**	**1.0**	**0.22**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	52-138
Bromofluorobenzene		101	70-147
Toluene-d8		110	76-125

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

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

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

RCRA Metals

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **11/20/2007 1400**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/26/2007 2354	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1815	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2132	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**1.2**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0012**	**J**	**0.0020**	**0.00060**	**mg/L**	**2**
Chromium	**7440-47-3**	**6010B**	**0.0025**	**J**	**0.0050**	**0.0021**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-6D**
Date Sampled: **11/20/2007 1445**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1434	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**5.0**		**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	0.15	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	0.81	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**	**0.76**	**J**	**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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**	**0.48**	**J**	**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**6.3**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**18**		**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**	**55**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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**	**0.29**	**J**	**1.0**	**0.17**	**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**	**3.6**		**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	0.27	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-6D**
Date Sampled: **11/20/2007 1445**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1434	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**2.7**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**0.59**	**J**	**1.0**	**0.22**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		109	76-125

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

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

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

RCRA Metals

Client: **Buxton Environmental**
Description: **MW-6D**
Date Sampled: **11/20/2007 1445**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/27/2007 0000	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1816	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2138	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.14**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0013**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	**7782-49-2**	**6010B**	**0.0027**	**BJ**	**0.0050**	**0.0026**	**mg/L**	**1**
Silver	**7440-22-4**	**6010B**	**0.00087**	**J**	**0.0050**	**0.00040**	**mg/L**	**2**

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **11/20/2007 1345**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1456	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**4.7**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	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	0.81	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**	**3.2**		**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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**	**0.30**	**J**	**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**10**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**1.7**		**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**	**1.6**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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**	**0.71**	**J**	**1.0**	**0.17**	**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	0.27	ug/L	1

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

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

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **11/20/2007 1345**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1456	LH		68414

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**	**0.42**	**J**	**1.0**	**0.22**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		107	76-125

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

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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
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RCRA Metals

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **11/20/2007 1345**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/27/2007 0006	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1818	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2144	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	**7440-38-2**	**6010B**	**0.016**		**0.0050**	**0.0040**	**mg/L**	**1**
Barium	**7440-39-3**	**6010B**	**0.42**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0012**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010B**	**0.0028**	**J**	**0.0050**	**0.0021**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8**
Date Sampled: **11/20/2007 1320**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1518	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**0.63**	**J**	**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

PQL = Practical quantitation limit
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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8**
Date Sampled: **11/20/2007 1320**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1518	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		110	76-125

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

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RCRA Metals

Client: **Buxton Environmental**

Laboratory ID: **IK21042-009**

Description: **MW-8**

Matrix: **Aqueous**

Date Sampled: **11/20/2007 1320**

Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/27/2007 0012	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1819	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2203	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.046**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0011**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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E = Quantitation of compound exceeded the calibration range
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N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **UPSTREAM**
Date Sampled: **11/20/2007 0930**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1540	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**4.5**	**J**	**20**	**1.2**	**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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	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	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **UPSTREAM**
Date Sampled: **11/20/2007 0930**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1540	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		109	76-125

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

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RCRA Metals

Client: **Buxton Environmental**
Description: **UPSTREAM**
Date Sampled: **11/20/2007 0930**
Date Received: **11/21/2007**

Laboratory ID: **IK21042-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	11/27/2007 0018	KJC	11/23/2007 1630	68364
1		7470A	1	11/26/2007 1821	FLW	11/26/2007 1432	68359
2	3005A	6010B	1	12/01/2007 2210	KJC	11/23/2007 1630	68364

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.046**		**0.025**	**0.0075**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0013**	**J**	**0.0020**	**0.00060**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010B**	**0.0024**	**J**	**0.0050**	**0.0021**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	2

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-011**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **10/31/2007 1430**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1602	LH		68414

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	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	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.50**	**BJ**	**1.0**	**0.13**	**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	0.17	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	0.27	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **IK21042-011**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **10/31/2007 1430**
Date Received: **11/21/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/23/2007 1602	LH		68414

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	52-138
Bromofluorobenzene		102	70-147
Toluene-d8		111	76-125

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

Shealy Environmental Services, Inc.
Document Number: F-A.0-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 09/20/07

Sample Receipt Checklist

Client: Buxton Cooler Inspected by/date: CB / 11/21/10 Lot #: TK21042

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

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

Cooler ID/temperature upon receipt 4.2 °C ___ / ___ °C ___ / ___ °C ___ / ___ °C
___ / ___ °C ___ / ___ °C ___ / ___ °C ___ / ___ °C

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

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

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by ___ (e.g., phone, note).
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☑ CB 11/21/10	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

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

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

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

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

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

Corrective Action taken, if necessary:

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

SESI employee: ___ Date of response: ___

Comments: ___

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 81282

Client: Buxton Environmental Tax	Report to Contact: Joss Bowman	Telephone No. / Fax No. / E-mail: 704-344-1400	Quote No.
Address: 1101 South Blvd Ste 101	Sampler's Signature: X	Waybill No.	Page 1 of 1
City: Charlotte; State: NC; Zip Code: 28203	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: Gaston Co. Landfill - Quarterly			
Project No.	P.O. No.		Lot No.

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit					Analysis: Appl Uses	RCRA Metals								Remarks / Cooler I.D.
MW-1	11-20-07	11:30	G	-													X	X								
MW-2	"	11:45	G	-													X	X								
MW-2D	"	12:00	G	-													X	X								
MW-3	"	10:30	G	-													X	-								
MW-4	"	12:45	G	-													X	X								
MW-6	"	11:00	G	-													X	X								
MW-6D	"	11:45	G	-													X	X								
MW-7A	"	13:45	G	-													X	X								
MW-8	"	13:20	G	-													X	X								
Upstream	"	9:30	G	-													X	X								
Trip Blank	11-21-07	11:30	G	-													X	-								

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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

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

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

QC Requirements (Specify): Analyze per NC Solid Waste Rules w/ 8+3 sig. & limit determination

	Date	Time		Date	Time
1. Relinquished by	11-21-07	8:30	1. Received by	11-21-07	11:30
2. Relinquished by			2. Received by		
3. Relinquished by			3. Laboratory received by		

Comments

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp. _____ °C

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

Document Number: F-AD-012 Effective Date: 08-04-02

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **Equipment Blank**
Date Sampled: **11/13/2007 0900**
Date Received: **11/15/2007**

Laboratory ID: **IK15059-025**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/19/2007 1809	LH		68139

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	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	0.15	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	0.81	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	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	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	0.11	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	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	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	0.20	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	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	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	0.13	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	0.17	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	0.27	ug/L	1

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **Equipment Blank**
Date Sampled: **11/13/2007 0900**
Date Received: **11/15/2007**

Laboratory ID: **IK15059-025**
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/19/2007 1809	LH		68139

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	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		108	76-125

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

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

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

SHEALY *Chain of Custody Record*

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 81273

Client: [illegible] Environmental Inc	Report to Contact: [illegible]	Telephone No. / Fax No. / E-mail: [illegible]	Quote No.
Address: 1101 South Blvd [illegible]	Sampler's Signature: X [illegible]	Waybill No.	Page 3 of 3
City: [illegible] / State: NC / Zip Code: [illegible]	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: [illegible]			Lot No.
Project No. / P.O. No.			

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	App I VOC									Remarks / Cooler I.D.
Equipment Blank	11-13-07	9:00	G										X									

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

Sample Disposal
☐ Return to Client ☐ Disposal by Lab

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

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

QC Requirements (Specify): Analyze per new NC Solid Waste [illegible] w/ B+J flags [illegible]

	Date	Time		Date	Time
1. Relinquished by: [illegible]	11-15-07	15:00	1. Received by: [illegible]	11/15/07	1500
2. Relinquished by			2. Received by		
3. Relinquished by			3. Laboratory received by		

Comments

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

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

APPENDIX B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

MW-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9J	BDL	700
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	BDL	BDL	BDL	BDL	700
RCRA Metals																							
Barium	460	770	680	1,100	530	1,200	BDL	BDL	BDL	126	93	40	66	240	110	110	220	290	130	470	32	70	2,000
Cadmium	BDL	BDL	BDL	1.1	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.71J	1.2J	1.75
Chromium	BDL	18	8	26	BDL	21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	BDL	BDL	BDL	7.8	BDL	16	16	3.6J	50
Lead	7	[illegible]	[illegible]	[illegible]	13	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Mercury	0.31	0.3	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
NA = not applicable
bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw1

MW-2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

GASTON COUNTY - CLOSED CRAMERTON LANDFILL

GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.5J	BDL	700
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	1.1	BDL	BDL	BDL	BDL	0.87J	0.8J	1
Chlorobenzene	BDL	5.1	5.2	BDL	7	8	7	6	7.8	6.8	6.2	8.4	7.5	2.2	4.2	5	3.4	4	4.1	BDL	4.9	5	50
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	35	BDL	BDL	BDL	BDL	8.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.12J	BDL	700
1,2-Dichlorobenzene	BDL	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24
1,4-Dichlorobenzene	5	BDL	5.4	BDL	6	7	BDL	BDL	BDL	4.1	3.6	4.9	BDL	BDL	3.6	3.6	2.8	3.5	3.7	BDL	3.4	3.1	1.4
1,1-Dichloroethane	6.8	5	BDL	BDL	6	8	BDL	5	5.2	3.5	2.8	2.7	1.8	BDL	2.4	2.3	1.9	2	1.7	1.7	1.8	2	70
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	7	BDL	BDL	BDL	3.4	2.7	3.2	2.8	2.5	3.6	3	2.2	3.6	2.8	3	2.8	2	7
cis-1,2-Dichloroethene	11	8.8	BDL	6.6	7	11	BDL	7	5.6	3.9	3.2	3.2	2.9	1	1	3.7	3	BDL	2.8	2.3	2.6	2.3	70
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18J	BDL	700
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	11	12	BDL	BDL	5	5	4.3	3.6	BDL	4.1	2.9	2.5	3.7	2	2	[illegible]	[illegible]	0.015
RCRA Metals																							
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.1	BDL	6.1	BDL	6	BDL	BDL	BDL	50
Barium	420	520	300	490	BDL	BDL	BDL	BDL	BDL	175	262	180	200	260	300	640	220	300	370	230	220	420	2,000
Cadmium	BDL	BDL	BDL	BDL	BDL	5	5	2	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	6.1	BDL	2.1	1.7J	1.75
Chromium	BDL	11	2	2.9	BDL	12	BDL	BDL	BDL	BDL	9	BDL	BDL	BDL	7.4	14	BDL	6.5	11	BDL	3.7J	14	50
Lead	7	16	18	19	BDL	23	BDL	BDL	BDL	BDL	7	5.7	BDL	7.1	14	34	4.8	9.9	16	BDL	2.2J	12	15
Mercury	BDL	0.4	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.13	0.11	0.12	BDL	0.22	BDL	0.11	0.21	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2BJ	BDL	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw2

MW-2D

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

GASTON COUNTY - CLOSED CRAMERTON LANDFILL

GASTON COUNTY, NORTH CAROLINA

Date	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																
Acetone	BDL	94	29.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1J	BDL	700
Carbon Disulfide	BDL	BDL	BDL	BDL	2.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.73J	BDL	700
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36J	BDL	2.6
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.26J	0.32J	1.4
1,1-Dichloroethane	BDL	BDL	2.7	3.4	3.4	2.6	BDL	2.6	3.2	3	2.7	2.7	2.8	2.2	3.4	70
1,1-Dichloroethene	BDL	BDL	BDL	BDL	1.1	1.5	BDL	1.1	1.3	1.1	1.5	1.3	1.7	1.2	1.4	7
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	1.7	1.7	BDL	1.8	2	1.9	BDL	1.8	1.9	1.6	2	70
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.23J	0.58BJ	4.6
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38J	0.45J	0.7
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.24J	0.3J	2.8
RCRA Metals																
Arsenic	BDL	BDL	13	11	BDL	BDL	BDL	7.7	BDL	7.1	BDL	BDL	BDL	4.7J	BDL	50
Barium	BDL	BDL	86	96	38	49	43	55	29	26	BDL	BDL	27	14J	30	2,000
Cadmium	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	1	BDL	1.6	BDL	BDL	1.75
Chromium	BDL	BDL	13	15	BDL	5.1	5.2	6.2	BDL	BDL	BDL	BDL	BDL	BDL	3.7J	50
Lead	BDL	BDL	[illegible]	[illegible]	[illegible]	10	8.7	14	9.5	4.5	5.4	BDL	4.8	BDL	4.3	15

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw2D

MW-3

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	110	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6J	8.6	700
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19J	BDL	1
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.82J	0.61J	700
Chlorobenzene	BDL	8.4	BDL	9.7	BDL	11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	1.4	3.5	BDL	3	BDL	3.4	BDL	50
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.47J	BDL	1.4
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	17	BDL	BDL	BDL	BDL	1,000
1,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	0.005
RCRA Metals																							
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	BDL	BDL	NT	50
Barium	230	1,200	280	2,200	BDL	1,200	BDL	BDL	BDL	263	177	140	120	190	130	240	170	570	260	100	140	NT	2,000
Cadmium	BDL	BDL	BDL	BDL	1	[illegible]	[illegible]	1	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	1.2	1.4J	NT	1.75
Chromium	BDL	[illegible]	9	42	BDL	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5	BDL	9	BDL	29	8.3	6.6	2.4J	NT	50
Lead	BDL	[illegible]	13	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	6.1	BDL	BDL	BDL	NT	15
Mercury	BDL	0.3	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5BJ	NT	17.5

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw-3

MW-4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

GASTON COUNTY - CLOSED CRAMERTON LANDFILL

GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5J	BDL	700
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	BDL	1.9	1.8	1.6	1.5	1.8	1.4	1.1	[illegible]	1
Carbon Disulfide	11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2J	BDL	700
Chlorobenzene	BDL	BDL	BDL	BDL	7	9	BDL	BDL	6.9	5.7	6.1	3.2	4.3	3.8	7	8.5	7	9	10	10	12	8.1	50
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	4	BDL	BDL	3	2	BDL	BDL	2.1	BDL	BDL	0.96J	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	BDL	1.4	1.4	1.1	1.4	1.5	1.3	1.7	1.1	24
1,4-Dichlorobenzene	11	12	6.6	13	21	21	9	7	19	14.3	15.8	8.4	11	11	13	13	11	13	13	11	14	9.7	1.4
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25J	0.72J	70
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.29J	0.18J	70
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18J	BDL	1,000
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530
RCRA Metals																							
Barium	690	830	590	850	BDL	530	BDL	BDL	BDL	665	652	340	400	660	420	840	780	890	640	700	94	690	2,000
Cadmium	1	1	BDL	BDL	1	2	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	3	1.6	1.6	2	1.75
Chromium	11	35	31	26	16	13	BDL	BDL	BDL	6	9	5	BDL	8.7	BDL	BDL	BDL	29	12	BDL	37	2.6J	50
Lead	14	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.6	BDL	BDL	BDL	BDL	4	8	BDL	BDL	[illegible]	BDL	15
Mercury	BDL	0.4	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9	18	7.4	BDL	6.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6BJ	BDL	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

MW-5
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	NT	BDL	BDL	2.9J	NT	700
Carbon Disulfide	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	NT	BDL	BDL	0.097J	NT	700
RCRA Metals																							
Arsenic	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	NT	14	BDL	BDL	NT	50
Barium	220	NT	320	NT	BDL	NT	BDL	NT	NT	NT	NT	42	220	610	32	25	220	NT	[illegible]	32	1,800	NT	2,000
Cadmium	BDL	NT	BDL	NT	1	NT	[illegible]	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	[illegible]	NT	[illegible]	BDL	[illegible]	NT	1.75
Chromium	BDL	NT	12	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	5.7	18	BDL	BDL	BDL	NT	[illegible]	BDL	[illegible]	NT	50
Lead	BDL	NT	[illegible]	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	7.3	BDL	BDL	BDL	NT	[illegible]	BDL	[illegible]	NT	15
Mercury	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	0.13	BDL	BDL	BDL	BDL	NT	0.36	0.13	0.17	NT	1.05
Selenium	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	5.8	BDL	BDL	BDL	BDL	BDL	NT	5.9	BDL	BDL	NT	50

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
NT = not tested, well dry
NA = not applicable
bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL
NT = not tested, well dry

rk:table:cramhistgw.mw5

MW-6
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4J	2J	700
Benzene	[illegible]	[illegible]	6.9	[illegible]	10	13	9	8	5.1	5.9	5.3	6.5	6.5	5.2	6.7	7.1	3.6	6.8	6.7	[illegible]	6.5	6.2	1
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.32J	BDL	0.56
Carbon Disulfide	5.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.67J	BDL	700
Chloroethane	BDL	BDL	BDL	BDL	12	15	BDL	BDL	12	5.6	8.3	6.5	8.6	7	4.6	4.3	4.6	4.4	4.8	4.4	3.6	3	2,800
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	BDL	BDL	1.1	1.1	1.2	1.1	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.56J	0.49J	24
1,4-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]	19	[illegible]	[illegible]	15	[illegible]	13.7	13.5	15	17	14	14	15	13	18	20	17	[illegible]	18	1.4
1,1-Dichloroethane	13	11	11	7.8	12	20	10	11	11	9.8	9	9.4	7.7	11	13	13	9.5	7.3	7.8	6.9	5.8	5.9	70
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	2.2	2	1.8	BDL	BDL	2.2	2.4	[illegible]	[illegible]	2	BDL	[illegible]	BDL	0.38
cis-1,2-Dichloroethene	[illegible]	[illegible]	[illegible]	[illegible]	66	[illegible]	[illegible]	66	66	61.4	66.8	62	54	57	54	64	40	55	60	47	47	50	70
trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36J	100
1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.45J	BDL	0.51
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31J	0.18J	550
2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5J	BDL	280
Methlene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21J	BDL	4.6
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19J	0.7
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.57J	0.38J	1,000
Trichloroethene	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	1.4	2.6	BDL	BDL	BDL	BDL	1.2	BDL	1	1	0.92J	2.8
Vinyl Chloride	BDL	BDL	BDL	BDL	[illegible]	[illegible]	[illegible]	BDL	BDL	[illegible]	6.3	5.5	6.6	BDL	7.6	5.8	[illegible]	[illegible]	6.2	[illegible]	[illegible]	0.92J	0.015
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	6.2	530
RCRA Metals																							
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7	5.3	BDL	BDL	BDL	BDL	50
Barium	810	1,500	1,200	1,800	1,600	950	830	800	660	845	745	720	1,200	1,100	1,400	910	1,100	1,100	1,100	1,100	1,300	1,200	2,000
Cadmium	BDL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	1.2J	1.75
Chromium	BDL	15	4	7.8	28	BDL	BDL	BDL	BDL	6	8	BDL	8.1	6.6	21	BDL	BDL	BDL	BDL	BDL	3J	2.5J	50
Lead	7	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	7.6	6.8	6.2	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Mercury	[illegible]	[illegible]	0.8	[illegible]	[illegible]	0.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.13	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9	14	7.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.76BJ	BDL	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw6

MW-6D
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																
Acetone	620	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8J	BDL	700
Benzene	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**3**	**[illegible]**	**3.6**	**[illegible]**	**[illegible]**	1
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5J	BDL	700
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.62J	0.76J	50
Chlorethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.55J	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.41J	0.48J	24
1,4-Dichlorobenzene	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	1.4
1,1-Dichloroethane	10	BDL	2.3	2.6	2.9	2.5	BDL	3	3.3	3	9.2	11	14	16	18	70
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	0.38
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.42J	BDL	7
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	1.7	2.7	BDL	2.1	1.7	2.6	23	31	32	44	55	70
1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	0.51
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**2.3**	**[illegible]**	BDL	**[illegible]**	BDL	0.7
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.4J	0.29J	1,000
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2	2.6	**[illegible]**	**[illegible]**	**[illegible]**	2.8
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	**[illegible]**	**[illegible]**	**[illegible]**	0.015
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.53J	0.59J	530
RCRA Metals																
Barium	BDL	BDL	58	33	30	40	45	49	42	48	100	110	140	140	140	2,000
Cadmium	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	1	BDL	BDL	BDL	1.3J	1.75
Lead	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1J	2.7BJ	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4BJ	0.87J	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGPS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

MW-7

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	***4/97***	***9/97***	***4/98***	***9/98***	***4/99***	***9/99***	***NCGPS***
Appendix I VOC's							
Carbon Disulfide	21	8.3	BDL	BDL	BDL	BDL	700
Chloroethane	BDL	BDL	BDL	BDL	11	BDL	2,800
1,4-Dichlorobenzene	BDL	BDL	5.5	BDL	6	7	75
1,1-Dichloroethane	28	24	26	9.6	26	41	700
1,2-Dichloroethane	[illegible]	7.5	BDL	5.3	BDL	12	0.38
cis-1,2-Dichloroethene	22	21	18	12	20	34	70
Methylene Chloride	BDL	BDL	BDL	[illegible]	BDL	BDL	5
RCRA Metals							
Barium	460	530	480	580	500	640	2,000
Cadmium	BDL	BDL	BDL	BDL	2	3	5
Chromium	BDL	3	BDL	BDL	BDL	13	50
Lead	BDL	9	8	BDL	BDL	BDL	15
Mercury	BDL	BDL	BDL	3.1	BDL	BDL	1.1

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)

rk:table:cramhistgw.mw7

MW-7A

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																
Acetone	96	BDL	BDL	BDL	BDL	120	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	5.1J	BDL	700
Benzene	BDL	**[illegible]**	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	9.1	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	1
2-Butanone	BDL	BDL	BDL	BDL	BDL	140	2,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4,200
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36J	BDL	700
Chloroethane	BDL	BDL	3.5	4	BDL	BDL	3.9	2.6	2	BDL	2.4	BDL	BDL	0.57J	BDL	2,800
Chlorobenzene	BDL	BDL	BDL	BDL	2.3	3.5	BDL	4	6.6	3.9	4.4	4.1	4.7	4.6	3.2	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36J	0.3J	24
1,4-Dichlorobenzene	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	1.4
1,1-Dichloroethane	13	5.2	10.6	7.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.24J	1.7	70
1,2-Dichloroethane	**[illegible]**	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	0.38
cis-1,2-Dichloroethene	9	BDL	7.6	6.1	3.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.45J	1.6	70
Ethylbenzene	15	7.3	BDL	BDL	13	22	48	31	32	8	BDL	BDL	BDL	BDL	BDL	550
2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	280
4-Methyl-2-pentanone	BDL	BDL	BDL	BDL	BDL	15	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	560
Toluene	BDL	BDL	BDL	BDL	1.4	2.3	41	3.2	1.8	1	BDL	BDL	BDL	0.65J	0.71J	1,000
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Xylenes	23	BDL	BDL	BDL	23	11	110	44	46	8.6	8.4	6.1	6.9	2.1	0.42J	530
RCRA Metals																
Arsenic	10	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL	BDL	5	BDL	BDL	BDL	16	50
Barium	BDL	BDL	312	252	300	410	440	420	390	390	420	420	420	420	420	2,000
Cadmium	**[illegible]**	BDL	BDL	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2J	1.75
Chromium	19	BDL	BDL	BDL	BDL	BDL	BDL	6.7	BDL	BDL	BDL	BDL	BDL	3.5J	2.8J	50
Lead	**[illegible]**	BDL	BDL	BDL	13	BDL	BDL	BDL	BDL	BDL	BDL	3.2	BDL	BDL	BDL	15
Selenium	BDL	BDL	BDL	6	9.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4BJ	BDL	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGPS = North Carolina Groundwater Protection Standard
VOC's = volatile organic compounds
bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

MW-8

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	*4/97*	*9/97*	*4/98*	*9/98*	*4/99*	*9/99*	*5/00*	*9/00*	*5/01*	*12/01*	*7/02*	*12/02*	*5/03*	*11/03*	*5/04*	*11/04*	*4/05*	*11/05*	*5/06*	*11/06*	*6/07*	*11/07*	*NCGPS*
Appendix I VOC's																							
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	86	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.23J	0.63J	70
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.15J	BDL	0.7
RCRA Metals																							
Barium	180	410	520	720	BDL	BDL	BDL	BDL	BDL	128	282	58	150	130	660	490	220	360	250	110	220	46	2,000
Cadmium	BDL	BDL	[illegible]	BDL	1	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	BDL	BDL	[illegible]	BDL	BDL	0.81J	1.1J	1.75
Chromium	BDL	19	16	26	BDL	14	BDL	22	BDL	6	21	BDL	BDL	5.6	[illegible]	16	7.3	21	12	6.2	16	BDL	50
Lead	7	13	[illegible]	[illegible]	BDL	BDL	BDL	12	BDL	BDL	4	BDL	BDL	BDL	11	11	3.7	3.1	BDL	BDL	2.8J	BDL	15
Mercury	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
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VOC's = volatile organic compounds
bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

rk:table:cramhistgw.mw8