ACC 2482

SECOND SEMI-ANNUAL 2006
GROUNDWATER AND SURFACE WATER MONITORING EVENT
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

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1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the second semi-annual 2006 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 groundwater and surface water monitoring activities were conducted in general accordance with the North Carolina Department of Environment and Natural Resources, Solid Waste Management Division (NCSWM) guidelines. 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 Quality Standards (NCGQS).

Due to the presence of target constituents above the NCGQS, 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 NCGQS. Groundwater sample MW-6D indicated the presence of 20 ug/l lead and 9 ug/l benzene, which are above the NCGQS. Groundwater sample MW-7A indicated the presence of 22 ug/l lead and 6 ug/l 1,2-dichloroethane, which are above the NCGQS. 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 26, 2006, Buxton Environmental, Inc. conducted the second semi-annual 2006 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at eight shallow monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A and MW-8, and two deep monitor wells MW-2D and MW-6D. Surface water samples Upstream and Downstream were also collected during these activities.

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. 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 Cayce, 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 26, 2006, 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 0.04 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 0.01 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 2006 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-4, MW-6, MW-6D and MW-7A indicated the presence of target constituents above the NCGQS, which are summarized below. Groundwater sample MW-2 indicated the presence of 2.7 ug/l vinyl chloride. groundwater sample MW-4 indicated the presence of 1.4ug/l benzene and 11 ug/l 1,4-dichlorobenzene. Groundwater sample MW-6 indicated 6.6 ug/l benzene, 17 ug/l 1,4-dichlorobenzene and 8.1 ug/l vinyl chloride. Groundwater sample MW-6D indicated 3.6 ug/l benzene, 3.5 ug/l 1,4-dichlorobenzene, 3.1 ug/l trichloroethene and 2.2 ug/l vinyl chloride. Groundwater sample MW-7A indicated the presence of 6.5 ug/l benzene and 14 ug/l 1,4-dichlorobenzene. The remaining groundwater samples did not indicate target constituents above the NCGQS.

The Upstream and Downstream surface water samples did not indicate target constituents above the NCGQS.

The equipment blank and trip blank did not indicate target constituents above method detection limits.

6.0 CONCLUSIONS

On November 26, 2006, Buxton Environmental, Inc. conducted the second semi-annual 2006 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-4, MW-6, MW-6D and MW-7A indicated target constituents above the NCGQS.
- The Upstream and Downstream sample did not indicate target constituents above the NCGQS.

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 2007.

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

rk:reports:cramertonrpt.1106

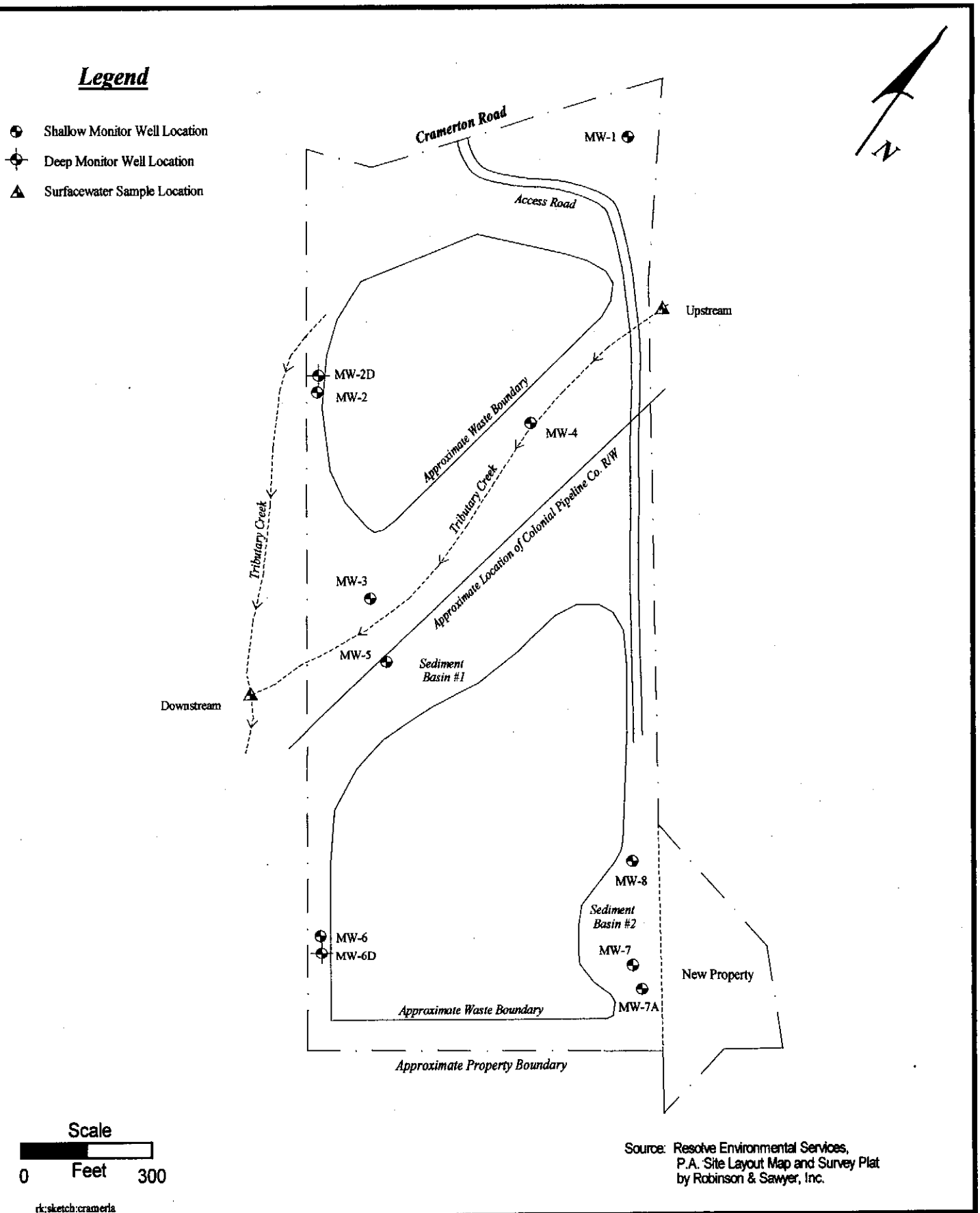
FIGURES

Scale

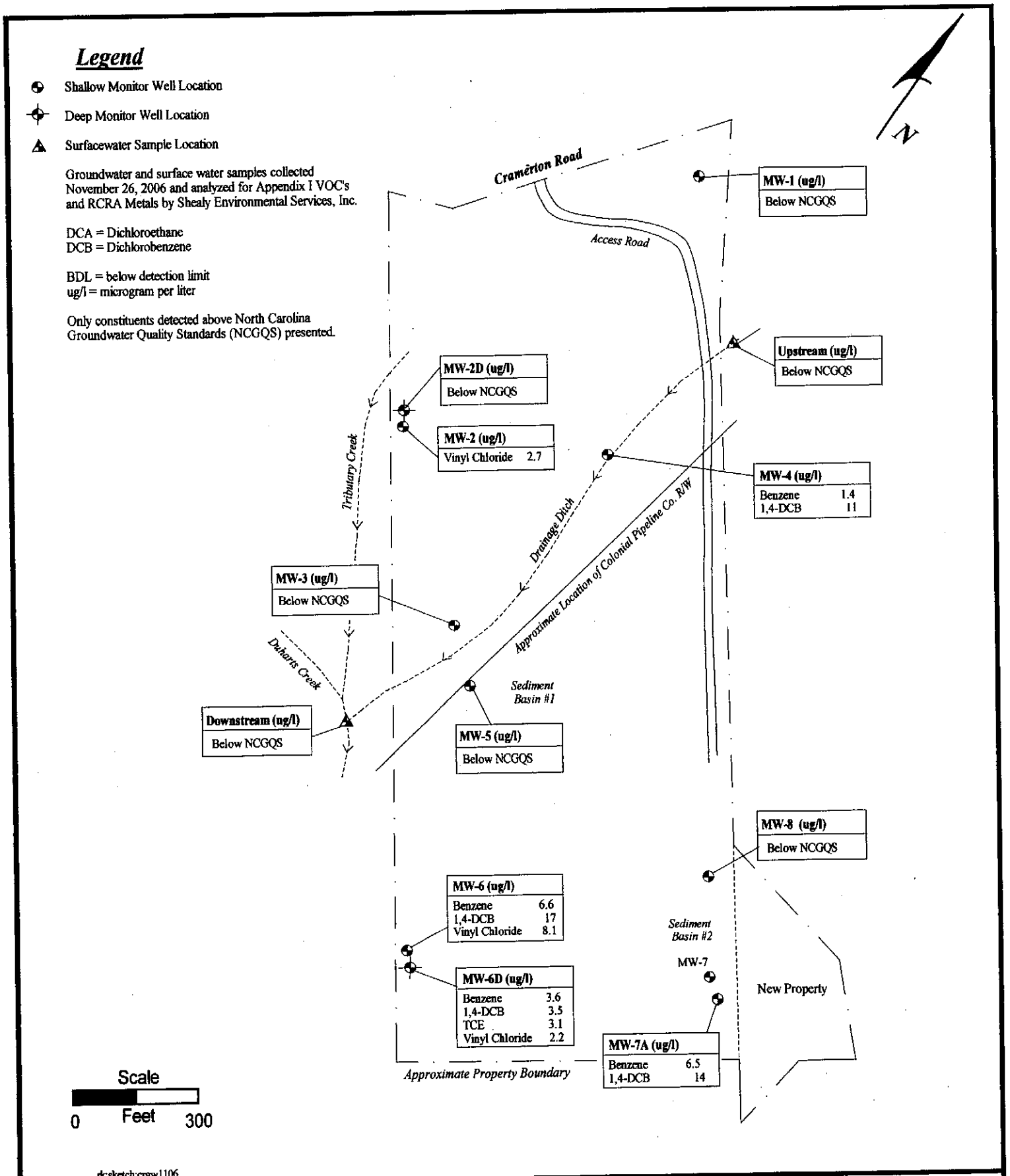
0 Feet 2,000

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



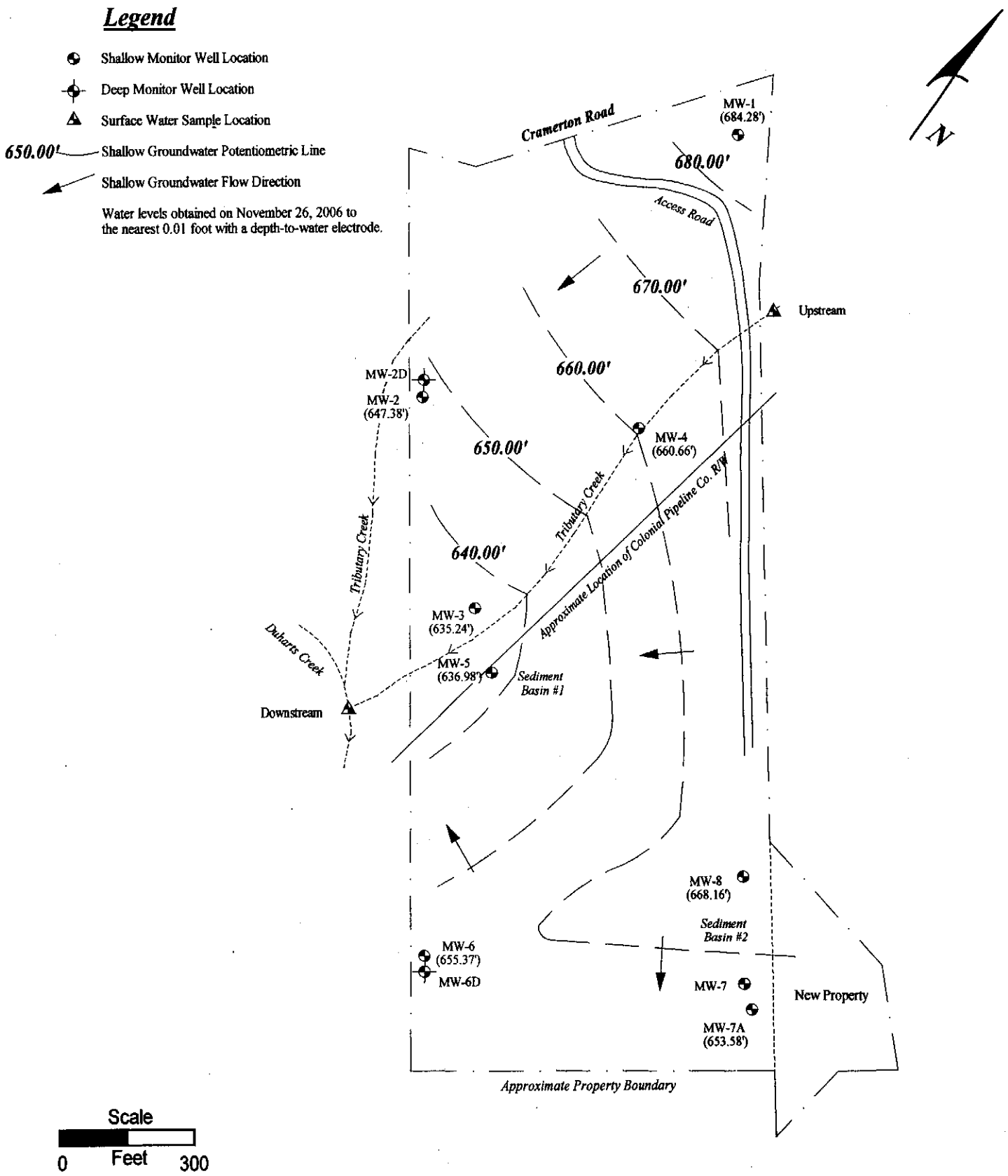
Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 2. Site Layout Map



Gaston County
Closed Cramerton Landfill
Gaston County, North Carolina

Buxton Environmental, Inc.

Figure 4.
Groundwater Analytical Results
Second Semi-Annual 2006



Gaston County Closed Cramerton Landfill Gaston County, North Carolina	Buxton Environmental, Inc.	Figure 3. Shallow Groundwater Flow Second Semi-Annual 2006

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 26, 2006

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	23.90	702.23	17.95	684.28
MW-2	17.50	652.34	4.96	647.38
MW-2D	53.00	656.54	8.19	648.35
MW-3	15.50	643.73	8.49	635.24
MW-4	10.00	667.20	6.54	660.66
MW-5	11.70	646.88	9.90	636.98
MW-6	29.00	682.36	26.99	655.37
MW-6D	56.00	685.74	30.62	655.12
MW-7A	38.00	680.03	26.45	653.58
MW-8	26.00	671.01	2.85	668.16

Notes:
Depth to water measurements collected on November 26, 2006 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

rk:table:cramgaug.1106

TABLE 2
FIELD PARAMETER DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 26, 2006

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	8.4	100	62
MW-2	8.2	270	59
MW-2D	9.5	390	61
MW-3	8.2	160	59
MW-4	7.7	360	59
MW-5	8.4	160	58
MW-6	7.7	390	60
MW-6D	7.6	370	62
MW-7A	8.2	320	60
MW-8	8.5	140	60
Upstream	8.5	150	48
Downstream	8.2	180	52

Notes:
Field parameters collected on November 26, 2006.
SU = standard units
uS = mho's per second
K = conductivity; T = temperature

rk:table:crampara.1106

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 26, 2006

Sample ID	***MW-1***	***MW-2***	***MW-2D***	***MW-3***	***MW-4***	***MW-5***	***MW-6***	***MW-6D***	***MW-7A***	***MW-8***	***NCGQS***
Appendix I VOC's											
Benzene	BDL	BDL	BDL	BDL	**1.4**	BDL	**6.6**	**3.0**	**6.5**	BDL	1
Chlorobenzene	BDL	BDL	BDL	BDL	10	BDL	1.1	BDL	4.7	BDL	50
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	4.4	BDL	BDL	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	24
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	**11**	BDL	**17**	**5.5**	**6.1**	BDL	1.4
1,1-Dichloroethane	BDL	1.7	2.8	BDL	BDL	BDL	6.9	14	BDL	BDL	70
1,1-Dichloroethene	BDL	3	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
cis-1,2 Dichloroethene	BDL	2.3	1.9	BDL	BDL	BDL	47	32	BDL	BDL	70
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	1	**3.1**	BDL	BDL	2.8
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	BDL	530
Vinyl Chloride	BDL	**2.7**	BDL	BDL	BDL	BDL	**3.1**	**2.5**	BDL	BDL	0.015
RCRA Metals											
Barium	470	230	27	100	700	32	1,100	140	420	110	2,000
Cadmium	BDL	BDL	1.6	1.2	1.6	BDL	BDL	BDL	BDL	BDL	1.75
Chromium	16	BDL	BDL	6.6	BDL	BDL	BDL	BDL	BDL	6.2	50
Lead	BDL	BDL	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Mercury	BDL	BDL	BDL	BDL	BDL	0.13	BDL	BDL	BDL	BDL	1.05

Notes:
Groundwater samples were collected on November 26, 2006 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in Cayce, SC.
BDL = below detection limit; NS = no standard;
NCGQS = North Carolina Groundwater Quality Standard
VOC's = volatile organic compounds
Bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

rk:table:cramgw.1106

TABLE 4
SURFACE WATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 26, 2006

Sample ID	***Upstream***	***Downstream***	***NCGQS***
Appendix I VOC's	BDL	BDL	NA
RCRA Metals			
Barium	41	57	2,000

Notes:
Surface water samples collected November 26, 2006 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in Cayce SC.
BDL = below detection limit
NA = not applicable
NCGQS = North Carolina Groundwater Quality Standard
VOC's = volatile organic compounds
data presented in micrograms per liter (ug/l)

rk:tables:cramsw.1106

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 County Landfills- Cramerton**

Lot Number: **HK28002**
Date Completed: **12/15/2006**

Alison Bragan Edwards
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: HK28002

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

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

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

Sample Summary
Buxton Environmental
Lot Number: HK28002

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	11/26/2006 0930	11/28/2006
002	MW-2	Aqueous	11/26/2006 1000	11/28/2006
003	MW-2D	Aqueous	11/26/2006 1045	11/28/2006
004	MW-3	Aqueous	11/26/2006 1100	11/28/2006
005	MW-4	Aqueous	11/26/2006 1130	11/28/2006
006	MW-5	Aqueous	11/26/2006 1145	11/28/2006
007	MW-6	Aqueous	11/26/2006 1320	11/28/2006
008	MW-6D	Aqueous	11/26/2006 1345	11/28/2006
009	MW-7A	Aqueous	11/26/2006 1300	11/28/2006
010	MW-8	Aqueous	11/26/2006 1230	11/28/2006
011	Upstream	Aqueous	11/26/2006 0900	11/28/2006
012	Downstream	Aqueous	11/26/2006 1200	11/28/2006
013	Trip Blank	Aqueous	11/10/2006 1230	11/28/2006

(13 samples)

Executive Summary
Buxton Environmental
Lot Number: HK28002

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Barium	6010B	0.47		mg/L	7
001	MW-1	Aqueous	Chromium	6010B	0.016		mg/L	7
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	1.7		ug/L	8
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	3.0		ug/L	8
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	2.3		ug/L	8
002	MW-2	Aqueous	Vinyl chloride	8260B	2.7		ug/L	9
002	MW-2	Aqueous	Barium	6010B	0.23		mg/L	9
003	MW-2D	Aqueous	1,1-Dichloroethane	8260B	2.8		ug/L	10
003	MW-2D	Aqueous	1,1-Dichloroethene	8260B	1.7		ug/L	10
003	MW-2D	Aqueous	cis-1,2-Dichloroethene	8260B	1.9		ug/L	10
003	MW-2D	Aqueous	Barium	6010B	0.027		mg/L	11
003	MW-2D	Aqueous	Cadmium	6010B	0.0016		mg/L	11
003	MW-2D	Aqueous	Lead	6010B	0.0048		mg/L	11
004	MW-3	Aqueous	Barium	6010B	0.10		mg/L	13
004	MW-3	Aqueous	Cadmium	6010B	0.0012		mg/L	13
004	MW-3	Aqueous	Chromium	6010B	0.0066		mg/L	13
005	MW-4	Aqueous	Benzene	8260B	1.4		ug/L	14
005	MW-4	Aqueous	Chlorobenzene	8260B	10		ug/L	14
005	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.3		ug/L	14
005	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	11		ug/L	14
005	MW-4	Aqueous	Barium	6010B	0.70		mg/L	15
005	MW-4	Aqueous	Cadmium	6010B	0.0016		mg/L	15
006	MW-5	Aqueous	Barium	6010B	0.032		mg/L	17
006	MW-5	Aqueous	Mercury	7470A	0.00013		mg/L	17
007	MW-6	Aqueous	Benzene	8260B	6.6		ug/L	18
007	MW-6	Aqueous	Chlorobenzene	8260B	1.1		ug/L	18
007	MW-6	Aqueous	Chloroethane	8260B	4.4		ug/L	18
007	MW-6	Aqueous	1,4-Dichlorobenzene	8260B	17		ug/L	18
007	MW-6	Aqueous	1,1-Dichloroethane	8260B	6.9		ug/L	18
007	MW-6	Aqueous	cis-1,2-Dichloroethene	8260B	47		ug/L	18
007	MW-6	Aqueous	Trichloroethene	8260B	1.0		ug/L	18
007	MW-6	Aqueous	Vinyl chloride	8260B	8.1		ug/L	19
007	MW-6	Aqueous	Barium	6010B	1.1		mg/L	19
008	MW-6D	Aqueous	Benzene	8260B	3.6		ug/L	20
008	MW-6D	Aqueous	1,4-Dichlorobenzene	8260B	3.5		ug/L	20
008	MW-6D	Aqueous	1,1-Dichloroethane	8260B	14		ug/L	20
008	MW-6D	Aqueous	cis-1,2-Dichloroethene	8260B	32		ug/L	20
008	MW-6D	Aqueous	Trichloroethene	8260B	3.1		ug/L	20
008	MW-6D	Aqueous	Vinyl chloride	8260B	2.2		ug/L	21
008	MW-6D	Aqueous	Barium	6010B	0.14		mg/L	21
009	MW-7A	Aqueous	Benzene	8260B	6.5		ug/L	22
009	MW-7A	Aqueous	Chlorobenzene	8260B	4.7		ug/L	22
009	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	14		ug/L	22
009	MW-7A	Aqueous	Xylenes (total)	8260B	6.9		ug/L	23

Executive Summary (Continued)

Lot Number: HK28002

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
009	MW-7A	Aqueous	Barium	6010B	0.42		mg/L	23
010	MW-8	Aqueous	Barium	6010B	0.11		mg/L	25
010	MW-8	Aqueous	Chromium	6010B	0.0062		mg/L	25
011	Upstream	Aqueous	Barium	6010B	0.041		mg/L	27
012	Downstream	Aqueous	Barium	6010B	0.057		mg/L	30

(49 detections)

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **11/28/2006 0930**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0041	CMS		49366

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **11/26/2006 0930**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0041	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		111	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2109	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2015	MNM	11/28/2006 1737	49127
3	3005A	6010B	1	12/04/2006 1717	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.47**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.016**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	mg/L	3
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **11/26/2006 1000**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-002**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0103	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**1.7**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**3.0**		**1.0**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**2.3**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental** | Laboratory ID: **HK28002-002**

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

Date Sampled: **11/26/2006 1000**

Date Received: **11/28/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0103	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**2.7**		**2.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		110	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2110	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2022	MNM	11/28/2006 1737	49127
2	3005A	6010B	1	12/01/2006 1644	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.23**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-2D**
Date Sampled: **11/26/2006 1045**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0124	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**2.8**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**1.7**		**1.0**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**1.9**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-2D**
Date Sampled: **11/28/2006 1045**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0124	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		110	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2111	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2028	MNM	11/28/2006 1737	49127
3	3005A	6010B	1	12/04/2006 1723	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.027**		**0.025**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0016**		**0.0010**	**mg/L**	**1**
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	**7439-92-1**	**6010B**	**0.0048**		**0.0030**	**mg/L**	**3**
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **11/26/2006 1100**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0146	CMS		49366

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **11/26/2006 1100**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0146	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		109	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2113	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2048	MNM	11/28/2006 1737	49127
3	3005A	6010B	1	12/04/2006 1729	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.10**		**0.025**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0012**		**0.0010**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010B**	**0.0066**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	mg/L	3
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **11/26/2006 1130**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0207	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.4**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**10**		**1.0**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	**95-50-1**	**8260B**	**1.3**		**1.0**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**11**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **11/26/2006 1130**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-005**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0207	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		91	70-147
Toluene-d8		109	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2114	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2055	MNM	11/28/2006 1737	49127
3	3005A	6010B	1	12/04/2006 1735	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.70**		**0.025**	**mg/L**	**1**
Cadmium	**7440-43-9**	**6010B**	**0.0016**		**0.0010**	**mg/L**	**1**
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	3
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **11/28/2006 1145**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0229	CMS		49366

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **11/26/2006 1145**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0229	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		110	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2115	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2101	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.032**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Mercury	**7439-97-6**	**7470A**	**0.00013**		**0.00010**	**mg/L**	**1**
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental** | Laboratory ID: **HK28002-007**
Description: **MW-6** | Matrix: **Aqueous**
Date Sampled: **11/26/2006 1320**
Date Received: **11/28/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0250	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**6.6**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**1.1**		**1.0**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**4.4**		**2.0**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**17**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**6.9**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**47**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**1.0**		**1.0**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**	Laboratory ID: **HK28002-007**
Description: **MW-6**	Matrix: **Aqueous**
Date Sampled: **11/26/2006 1320**	
Date Received: **11/28/2006**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0250	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**8.1**		**2.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		111	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2117	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2108	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**1.1**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-6D**
Date Sampled: **11/28/2006 1345**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-008**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0311	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**3.6**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**3.5**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**14**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**32**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**3.1**		**1.0**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-6D**
Date Sampled: **11/26/2006 1345**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-008**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0311	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**2.2**		**2.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		110	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2118	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2114	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.14**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **11/26/2006 1300**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0333	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**6.5**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**4.7**		**1.0**	**ug/L**	**1**
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**14**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **11/26/2006 1300**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0333	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**6.9**		**1.0**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		112	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2120	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/29/2006 2128	MNM	11/28/2006 1737	49127

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.42**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-8**
Date Sampled: **11/28/2006 1230**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-010**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0354	CMS		49366

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **MW-8**
Date Sampled: **11/26/2006 1230**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-010**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0354	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		109	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2124	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/30/2006 0219	MNM	11/29/2006 1056	49144
2	3005A	6010B	1	12/01/2006 1909	MNM	11/29/2006 1056	49144

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.11**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.0062**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Upstream**
Date Sampled: **11/26/2006 0900**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-011**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0415	CMS		49366

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Upstream**
Date Sampled: **11/26/2006 0900**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-011**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0415	CMS		49366

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		109	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2125	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/30/2006 0238	MNM	11/29/2006 1056	49144
2	3005A	6010B	1	12/01/2006 1927	MNM	11/29/2006 1056	49144

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.041**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Downstream**
Date Sampled: **11/26/2006 1200**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0437	CMS		49366
2	5030B	8260B	1	12/15/2006 1227	CMS		49992

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Downstream**
Date Sampled: **11/28/2006 1200**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0437	CMS		49366
2	5030B	8260B	1	12/15/2006 1227	CMS		49992

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	43	52-138		97	52-138
Bromofluorobenzene	N	41	70-147		105	70-147
Toluene-d8	N	46	76-125		110	76-125

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0437	CMS		49366
2	5030B	8260B	1	12/15/2006 1227	CMS		49992

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Downstream**
Date Sampled: **11/26/2006 1200**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/04/2006 0437	CMS		49366
2	5030B	8260B	1	12/15/2006 1227	CMS		49992

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	2
Styrene	100-42-5	8260B	ND		5.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	2
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	N	43	52-138		97	52-138
Bromofluorobenzene	N	41	70-147		105	70-147
Toluene-d8	N	46	76-125		110	76-125

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2126	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/30/2006 0305	MNM	11/29/2006 1056	49144

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.057**		**0.026**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Downstream**
Date Sampled: **11/28/2006 1200**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-012**
Matrix: **Aqueous**

RCRA Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/30/2006 2126	FLW	11/30/2006 1634	49198
1	3005A	6010B	1	11/30/2006 0305	MNM	11/29/2006 1056	49144

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **11/10/2006 1230**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-013**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/05/2006 0202	CMS		49449

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **11/10/2006 1230**
Date Received: **11/28/2006**

Laboratory ID: **HK28002-013**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/05/2006 0202	CMS		49449

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	52-138
Bromofluorobenzene		98	70-147
Toluene-d8		98	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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 68039

Client: Buxton Environmental	Report to Contact: Ross Kellogg MW	Telephone No. / Fax No. / E-mail: 704-344-1450	Quote No.
Address: 1101 South Blvd Stout	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 (Kannapolis)			

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			Acet VOCs	Total Metals										Remarks / Cooler I.D.
MW-1	11-26-06	9:50	C	—												X	X										
MW-2	"	10:00	C	—												X	X										
MW-2D	"	10:45	C	—												X	X										
MW-3	"	11:00	C	—												X	X										
MW-4	"	11:30	C	—												X	X										
MW-5	"	11:45	C	—												X	X										
MW-6	"	13:20	C	—												X	X										
MW-6D	"	13:45	C	—												X	X										
MW-7A	"	13:00	C	—												X	X										
MW-8	"	12:30	C	—												X	X										
UPSTREAM	"	9:00	C	—												X	X										
DOWNSTREAM	"	12:00	C	—												X	X										
TRIP BLANK	11-10-06	12:30	C	—												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) X 5 Day TAT X

QC Requirements (Specify): Analyze per NC Solid Waste Volume

1. Relinquished by	Date 11-27-06	Time 14:00	1. Received by	Date 11-27-06	Time 14:00
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Laboratory received by	Date	Time

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

Client: **Buxton Environmental**
Description: **Equipment Blank**
Date Sampled: **11/27/2006 1355**
Date Received: **11/27/2006**

Laboratory ID: **HK27033-025**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/01/2006 1858	CMS		49355

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

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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

Client: **Buxton Environmental**
Description: **Equipment Blank**
Date Sampled: **11/27/2006 1355**
Date Received: **11/27/2006**

Laboratory ID: **HK27033-025**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/01/2006 1858	CMS		49355

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	52-138
Bromofluorobenzene		87	70-147
Toluene-d8		111	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

SHEALY Chain of Custody Record

Number 68033

Client: BOXTON ENVIRONMENTAL, INC	Report to Contact: Ross Klingman	Telephone No. / Fax No. / E-mail: 704-344-1450	Quote No.
Address: 1101 South Blvd, Ste 101	Sampler's Signature: X	Waybill No.	Page 3 of 3
City: Charlotte; State: NC; Zip Code: 28203	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: GASTON CO. LANDFILL			
Project No. / P.O. No.			Lot No. H527033

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.	H_2SO_4	HNO_3	HCl	NaOH	5035 Kit			Remarks / Cooler I.D.
EQUIPMENT BLANK	11-27-06	13:55												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) Std 7 Day TAT

QC Requirements (Specify): ANALYZE PER NC SOLID WASTE RULES

1. Relinquished by	Date 11-27-06	Time 14:00	1. Received by	Date 11-27-06	Time 14:00
2. Relinquished by	Date 11-27-06	Time 1635	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Laboratory received by	Date 11/27/06	Time 1635

Comments

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

Receipt Temp. 2.8 °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*	*NCGQS*
Appendix I VOC's																					
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	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	2,000
Cadmium	BDL	BDL	BDL	1.1	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	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	50
Lead	7	[illegible]	[illegible]	[illegible]	13	[illegible]	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	1.05

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGQS = North Carolina Groundwater Quality Standard
VOC's = volatile organic compounds
NA = not applicable
bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

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*	*NCGQS*
Appendix I VOC's																					
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.1**	**1.1**	BDL	BDL	BDL	BDL	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	50
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	35	BDL	BDL	BDL	BDL	8.5	BDL	BDL	BDL	BDL	BDL	BDL	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	24
1,4-Dichlorobenzene	**[illegible]**	BDL	**[illegible]**	BDL	**[illegible]**	**[illegible]**	BDL	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	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	70
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	BDL	BDL	3.4	2.7	3.2	2.8	2.5	3.6	3	2.2	3.6	2.8	3	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	70
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	11	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[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	50
Barium	420	520	300	490	BDL	BDL	BDL	BDL	BDL	175	262	180	200	260	300	640	220	300	370	230	2,000
Cadmium	BDL	BDL	BDL	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	**[illegible]**	BDL	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	50
Lead	7	**[illegible]**	**[illegible]**	**[illegible]**	BDL	**[illegible]**	BDL	BDL	BDL	BDL	7	5.7	BDL	7.1	14	**[illegible]**	4.8	9.9	**[illegible]**	BDL	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	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50

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

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*	*NCGQS*
Appendix I VOC's														
Acetone	BDL	94	29.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
Carbon Disulfide	BDL	BDL	BDL	BDL	2.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
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	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	7
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	1.7	1.7	BDL	1.8	2	1.9	BDL	1.8	1.9	70
RCRA Metals														
Arsenic	BDL	BDL	13	11	BDL	BDL	BDL	7.7	BDL	7.1	BDL	BDL	BDL	50
Barium	BDL	BDL	86	96	38	49	43	55	29	26	BDL	BDL	27	2,000
Cadmium	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	1	BDL	1.6	1.75
Chromium	BDL	BDL	13	15	BDL	5.1	5.2	6.2	BDL	BDL	BDL	BDL	BDL	50
Lead	BDL	BDL	[illegible]	[illegible]	[illegible]	10	8.7	14	9.5	4.5	5.4	BDL	4.8	15

Notes:

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

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*	*NCGQS*
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	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	50
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	17	BDL	BDL	1,000
RCRA Metals																					
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	BDL	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	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	1.75
Chromium	BDL	[illegible]	9	42	BDL	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5	BDL	9	BDL	29	8.3	6.6	50
Lead	BDL	[illegible]	13	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	6.1	BDL	BDL	15
Mercury	BDL	0.3	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50

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

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*	*NCGQS*
Appendix I VOC's																					
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	BDL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[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	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	50
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	4	BDL	BDL	3	2	BDL	BDL	2.1	BDL	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	24
1,4-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	70
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	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	2,000
Cadmium	[illegible]	1	BDL	BDL	1	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	[illegible]	1.6	1.75
Chromium	11	35	31	26	16	13	BDL	BDL	BDL	6	9	5	BDL	8.7	BDL	BDL	BDL	29	12	BDL	50
Lead	14	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.6	BDL	BDL	BDL	BDL	4	8	BDL	BDL	15
Mercury	BDL	0.4	BDL	[illegible]	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	50

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

rk:table:cramhistgw.mw4

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*	*NCGQS*
Appendix I VOC's	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	. NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	NT	BDL	BDL	NA
RCRA Metals																					
Arsenic	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	NT	14	BDL	50
Barium	220	NT	320	NT	BDL	NT	BDL	NT	NT	NT	NT	42	220	610	32	25	220	NT	[illegible]	32	2,000
Cadmium	BDL	NT	BDL	NT	1	NT	[illegible]	NT	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	[illegible]	NT	[illegible]	BDL	1.75
Chromium	BDL	NT	12	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	5.7	18	BDL	BDL	BDL	NT	[illegible]	BDL	50
Lead	BDL	NT	[illegible]	NT	BDL	NT	BDL	NT	NT	NT	NT	BDL	BDL	7.3	BDL	BDL	BDL	NT	[illegible]	BDL	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	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	50

Notes:
Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
BDL = below detection limit
NCGQS = North Carolina Groundwater Quality 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)

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*	*NCGQS*
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	700
Benzene	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**10**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	1
Carbon Disulfide	5.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.8	BDL	BDL	BDL	BDL	BDL	BDL	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	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	50
1,4-Dichlorobenzene	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	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	70
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[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	70
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	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	2.8
Vinyl Chloride	BDL	BDL	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	0.015
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	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	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	2,000
Cadmium	BDL	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	**[illegible]**	BDL	BDL	BDL	BDL	**[illegible]**	BDL	**[illegible]**	BDL	BDL	BDL	BDL	BDL	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	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	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	1.05
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9	14	7.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50

Notes:

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

BDL = below detection limit

NCGQS = North Carolina Groundwater Quality Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

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*	*NCGQS*
Appendix I VOC's														
Acetone	620	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
Benzene	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	[illegible]	[illegible]	1
1,4-Dichlorobenzene	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[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	70
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	1.7	2.7	BDL	2.1	1.7	2.6	23	31	32	70
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	[illegible]	BDL	0.7
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2	2.6	[illegible]	2.8
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	BDL	[illegible]	0.015
RCRA Metals														
Barium	BDL	BDL	58	33	30	40	45	49	42	48	100	110	140	2,000
Cadmium	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	1	BDL	BDL	1.75
Lead	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15

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

rk:table:cramhistgw.mw6D

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*	*NCGQS*
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]	[illegible]	BDL	[illegible]	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	[illegible]	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
NCGQS = North Carolina Groundwater Quality Standard
VOC's = volatile organic compounds
bold and shade denotes above NCGQS
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*	*NCGQS*
Appendix I VOC's														
Acetone	96	BDL	BDL	BDL	BDL	120	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	700
Benzene	BDL	[illegible]	[illegible]	BDL	BDL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
2-Butanone	BDL	BDL	BDL	BDL	BDL	140	2,000	BDL	BDL	BDL	BDL	BDL	BDL	4,200
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
Chloroethane	BDL	BDL	3.5	4	BDL	BDL	3.9	2.6	2	BDL	2.4	BDL	BDL	2,800
Chlorobenzene	BDL	BDL	BDL	BDL	2.3	3.5	BDL	4	6.6	3.9	4.4	4.1	4.7	50
1,4-Dichlorobenzene	[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	70
1,2-Dichloroethane	[illegible]	BDL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	0.38
cis-1,2-Dichloroethene	9	BDL	7.6	6.1	3.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70
Ethylbenzene	15	7.3	BDL	BDL	13	22	48	31	32	8	BDL	BDL	BDL	550
2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	85	BDL	BDL	BDL	BDL	BDL	BDL	280
4-Methyl-2-pentanone	BDL	BDL	BDL	BDL	BDL	15	[illegible]	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	1,000
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	[illegible]	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	530
RCRA Metals														
Arsenic	10	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL	BDL	5	BDL	BDL	50
Barium	BDL	BDL	312	252	300	410	440	420	390	390	420	420	420	2,000
Cadmium	[illegible]	BDL	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.75
Chromium	19	BDL	BDL	BDL	BDL	BDL	BDL	6.7	BDL	BDL	BDL	BDL	BDL	50
Lead	[illegible]	BDL	BDL	BDL	13	BDL	BDL	BDL	BDL	BDL	BDL	3.2	BDL	15
Selenium	BDL	BDL	BDL	6	9.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50

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

rk:table:cramhistgw.mw7A

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*	*NCGQS*
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	700
RCRA Metals																					
Barium	180	410	520	720	BDL	BDL	BDL	BDL	BDL	128	282	58	150	130	660	490	220	360	250	110	2,000
Cadmium	BDL	BDL	[illegible]	BDL	1	[illegible]	[illegible]	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	[illegible]	BDL	BDL	[illegible]	BDL	BDL	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	50
Lead	7	13	[illegible]	[illegible]	BDL	BDL	BDL	12	BDL	BDL	4	BDL	BDL	BDL	11	11	3.7	3.1	BDL	BDL	15
Mercury	BDL	BDL	BDL	[illegible]	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
NCGQS = North Carolina Groundwater Quality Standard
VOC's = volatile organic compounds
bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

rk:table:cramhistgw.mw8