DCH 11.7.07 RCO 3345

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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

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

Buxton Environmental, Inc.

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

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

E-mail: buxtonenv@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g. October 20-24, 2006)
Alamance Co. Landfill - Closed Swepsonville	Alfred Road	0101? Not Applicable		September 18, 2007

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Ross Klingman, P.G.	President	704-344-1450
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Signature	10-31-07 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

Revised 01/2007

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

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

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the second semi-annual 2007 groundwater and surface water monitoring activities conducted at the closed Swepsonville Landfill located in Alamance County, North Carolina. The purpose for conducting the assessment was to monitor water quality at the subject site. A site layout map is provided in Figure 1.

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

2.0 BACKGROUND INFORMATION

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

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On September 18, 2007, Buxton Environmental, Inc. conducted the second semi-annual 2007 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at eleven monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-7B, MW-8A, MW-8B and MW-9. Two surface water samples SW-1 and SW-2 were collected from Haw Creek located to the east the landfill.

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

The groundwater and surface water samples were analyzed for Appendix I VOC's by EPA Method 8260B, Appendix I metals by EPA Methods 6020, and mercury by EPA Method 7470A. Groundwater sample MW-8B was only analyzed for Appendix I VOC's due to limited water caused by recent drought conditions. For quality control purposes, one trip blank was analyzed for Appendix I VOC's. The trip blank was prepared by the laboratory. The laboratory analyses were conducted by Shealy Environmental Services, Inc. in West Columbia, South Carolina. The water samples were collected in general accordance with accepted protocol, including chain-of-custody documentation.

4.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the second semi-annual 2007 event are presented in Tables 2 and 3, respectively. Laboratory data sheets are presented in Appendix A.

Groundwater Analytical Results

Groundwater samples MW-1, MW-2, MW-3, MW-4, MW-5, MW-7A and MW-7B indicated target constituents above the NCGPS, which are summarized below.

Groundwater sample MW-1 indicated the presence of 2.4J ug/l antimony, 2.1BJ ug/l beryllium and 34J ug/l vanadium. J=estimated result (<Solid Waste Section Limit (SWSL) (a.k.a Practical Quantitation Limit (PQL)) and >=Method Detection Limit (MDL)). B=detected in method blank.

Groundwater sample MW-2 indicated the presence of 120 ug/l 1,1-dichloroethane, 13 ug/l 1,1-dichloroethene, 5 ug/l 1,2-dichloropropane, 35 ug/l tetrachloroethene, 53 ug/l trichloroethene, 9.4 ug/l vinyl chloride, 1.6J ug/l antimony, 5,700B ug/l barium, 11B, ug/l beryllium, 260 ug/l chromium, 120 ug/l cobalt, 3,000 ug/l lead, 210 ug/l nickel and 760 ug/l vanadium.

Groundwater sample MW-3 indicated the presence of 0.43J ug/l thallium and 38 ug/l vanadium.

Groundwater sample MW-4 indicated the presence of 1.4 ug/l benzene, 9 ug/l 1,4-dichlorobenzene, 1.7 ug/l 1,2-dichloroethane, 300 ug/l cis-1,2-dichlroethene, 2.1 ug/l 1,2-dichloropropane, 9.9 ug/l trichloroethene, 18 ug/l vinyl chloride, 110 ug/l cobalt and 8.3 ug/l vanadium.

Groundwater sample MW-5 indicated the presence of 32 ug/l vanadium.

Groundwater sample MW-7A indicated the presence of 4.2 ug/l benzene, 10 ug/l tetrachloroethene, 6.5 ug/l trichloroethene and 1.5 ug/l vinyl chloride.

Groundwater sample MW-7B indicated the presence of 8 ug/l benzene, 18 ug/l tetrachloroethene, 7.6 ug/l trichloroethene and 2.4 ug/l vinyl chloride.

The remaining groundwater samples MW-6, MW-8A, MW-8B and MW-9 did not indicate target constituents above the NCGPS.

Surface Water Analytical Results

Surface water sample SW-1 indicated the presence of 31 ug/l vanadium, which was above the NCGPS. Surface water sample SW-2 did not indicate target constituents above the NCGPS.

Quality Control Analytical Results

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

5.0 CONCLUSIONS

On September 18, 2007, Buxton Environmental, Inc. conducted the second semi-annual 2007 groundwater and surface water monitoring activities at the closed Swepsonville Landfill located in Alamance County, North Carolina. A summary of the findings of this investigation is provided below.

- Groundwater samples collected at MW-1, MW-2, MW-3, MW-4, MW-5, MW-7A and MW-7B indicated target constituents above the NCGPS.

- Surface water sample SW-1 indicated the presence of vanadium above the NCGPS. Surface water sample SW-2 did not indicate target constituents above the NCGPS.

6.0 RECOMMENDATIONS

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

- Semi-annual groundwater and surface water monitoring should continue to be conducted at the closed Swepsonville Landfill. The next sampling event is anticipated to be conducted in March 2008.

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

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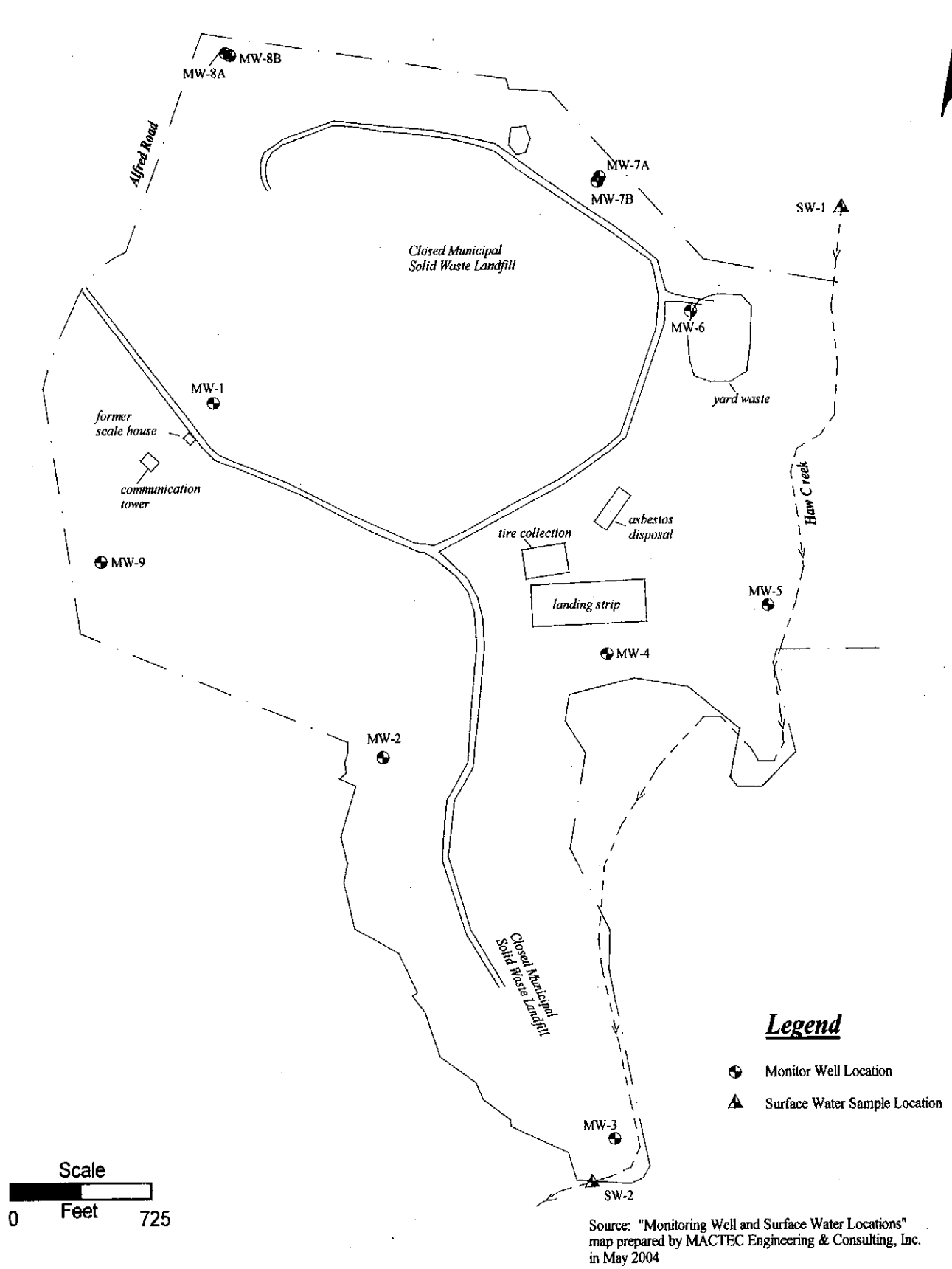
FIGURES



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

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

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
SEPTEMBER 18, 20077

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	33.00	574.67	26.19	548.48
MW-2	29.90	510.67	29.40	481.27
MW-3	24.10	466.63	12.00	454.63
MW-4	50.00	497.57	23.79	473.78
MW-5	19.00	476.56	17.00	459.56
MW-6	50.00	529.50	22.75	506.75
MW-7A	31.05	554.12	27.19	526.93
MW-7B	64.02	553.09	26.13	526.96
MW-8A	65.00	591.08	27.08	564.00
MW-8B	26.00	591.25	25.92	565.33
MW-9	27.50	568.78	22.00	546.78

Notes:
Depth to water measurements obtained on September 18, 2007 to the nearest 0.01 foot with a depth to water meter.
TD=total depth;BTOC=below top of casing;TOC=top of casing;DTW=depth to water;ft=feet
TD and TOC elevation data obtained from the "Report of Semi-Annual Water Quality Monitoring, Swepsonville Landfill, Graham, Alamance Co., North Carolina" report prepared by MACTEC in April 2005

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TABLE 2
GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
SEPTEMBER 18, 2007

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	8.0	40	60
MW-2	--	--	--
MW-3	8.0	90	60
MW-4	7.6	410	60
MW-5	7.8	200	62
MW-6	7.9	130	60
MW-7A	7.6	150	60
MW-7B	7.6	140	60
MW-8A	8.1	50	60
MW-8B	--	--	--
MW-9	8.1	40	60
SW-1	7.8	120	65
SW-2	7.6	190	62

Notes:
Field parameters collected on September 18, 2007. Field parameters at monitor wells collected after purging 3 well volumes of water or to dryness, and surface water field parameters collected immediately prior to sampling.
K = conductivity
T = temperature
uS = mho's per second
-- = no data (limited water)

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TABLE 3
GROUNDWATER ANALYTICAL DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
SEPTEMBER 18, 2007

Sample ID	*MW-1*	*MW-2*	*MW-3*	*MW-4*	*MW-5*	*MW-6*	*MW-7A*	*MW-7B*	*MW-8A*	*MW-8B*	*MW-9*	*NCGPS*
VOC's												
Acetone	BDL	BDL	BDL	BDL	1.5J	BDL	BDL	BDL	BDL	BDL	BDL	700
Benzene	BDL	BDL	BDL	**1.4**	BDL	BDL	**4.2**	**8**	BDL	BDL	BDL	1
Chlorobenzene	BDL	BDL	BDL	0.76J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Chloroethane	BDL	BDL	BDL	4.2	BDL	BDL	3.1	5.6	BDL	BDL	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24
1,4-Dichlorobenzene	BDL	BDL	BDL	**9**	BDL	BDL	1.1	**2.3**	BDL	BDL	BDL	1.4
1,1-Dichloroethane	BDL	**120**	BDL	69	BDL	BDL	12	20	BDL	BDL	BDL	70
1,2-Dichloroethane	BDL	BDL	BDL	**1.7**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1-Dichloroethene	BDL	**13**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	BDL	66	BDL	**300**	BDL	BDL	20	36	BDL	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	BDL	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	100
1,2-Dichloropropane	BDL	**5**	BDL	**2.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.62J	BDL	BDL	BDL	5
Tetrachloroethene	BDL	**35**	BDL	BDL	BDL	BDL	**10**	**18**	BDL	BDL	BDL	0.7
Trichloroethene	BDL	**53**	BDL	**9.9**	BDL	BDL	**6.5**	**7.6**	BDL	BDL	BDL	2.8
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	0.33J	0.57J	BDL	BDL	BDL	2,100
Vinyl Chloride	BDL	**9.4**	BDL	**18**	BDL	BDL	**1.5**	**2.4**	BDL	BDL	BDL	0.015
Metals												
Antimony	**2.4J**	**1.6J**	0.98J	0.24J	0.9J	BDL	BDL	BDL	BDL	NT	BDL	1.4
Arsenic	BDL	5.7BJ	BDL	1.5B	1.2B	1.1B	0.68BJ	0.6BJ	0.62BJ	NT	0.69BJ	50
Barium	440B	**5,700B**	110B	96	120	90	100	120	14	NT	44	2,000
Beryllium	**2.1BJ**	**11B**	0.44BJ	0.052J	0.33J	0.14J	0.029J	0.037J	BDL	NT	0.028J	4
Cadmium	BDL	BDL	BDL	0.27	0.31	0.38	0.066J	0.63	0.38	NT	0.12	1.75
Chromium	10J	**260**	9.9J	BDL	10	BDL	BDL	BDL	BDL	NT	BDL	50
Cobalt	16J	**120**	5.9J	**110**	4.4J	3J	0.79J	0.5J	0.055J	NT	0.28J	70
Copper	33B	240B	19B	4.3	14	0.81J	0.28J	1.4	0.27J	NT	BDL	1,000
Lead	10	**3,000**	2.9J	BDL	2.4	BDL	BDL	BDL	BDL	NT	BDL	15
Mercury	0.087J	0.2	BDL	BDL	BDL	BDL	0.071J	0.11	BDL	NT	BDL	1.05
Nickel	14J	**210**	18J	5.4	3.8J	0.55J	0.4J	0.64J	BDL	NT	BDL	100
Selenium	BDL	BDL	BDL	0.62J	0.38J	0.31J	BDL	BDL	BDL	NT	BDL	50
Silver	0.59BJ	2BJ	0.56BJ	0.12BJ	0.34BJ	0.11BJ	0.014BJ	0.22BJ	0.1BJ	NT	0.02BJ	17.5
Thallium	BDL	1.9BJ	**0.43BJ**	0.088J	0.079J	BDL	BDL	BDL	BDL	NT	BDL	0.28
Vanadium	**34J**	**760**	**38**	**8.3**	**32**	2.9J	2J	BDL	BDL	NT	BDL	3.5
Zinc	82J	850	23J	10	27	4.5J	6.8J	4.4J	4.1J	NT	3.3J	1,050

Notes:
Groundwater samples collected on September 18, 2007 and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6020 and mercury by EPA Method 7470A.
Analyses by Shealy Environmental Services, Inc. in West Columbia, SC.
NCGPS=North Carolina Groundwater Protection Standard
BDL=below detection limit; NS = no standard
Bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
NT = not tested (limited water)
B = detected in method blank
J = estimated result <PQL and >=MDL

TABLE 4
CLOSED SURFACE WATER ANALYTICAL DATA
SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
SEPTEMBER 18, 2007

Sample ID	***SW-1***	***SW-2***	***NCGPS***
Volatile Organic Compounds	BDL	BDL	NA
Metals			
Arsenic	1.2B	1B	50
Barium	83	87	2,000
Beryllium	0.49	BDL	4
Chromium	8.5	BDL	50
Cobalt	3.4J	1.6J	70
Copper	6.9	BDL	1,000
Lead	3.3	BDL	15
Mercury	BDL	BDL	1.05
Nickel	3J	BDL	100
Selenium	0.36J	0.45J	50
Silver	0.029BJ	BDL	17.5
Vanadium	**31**	BDL	3.5
Zinc	9.1J	BDL	1,050

Notes:
Surface water samples collected on September 18, 2007 and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6020, & mercury by EPA Method 7470A. Analyses by Shealy Environmental Services, Inc. in West Columbia, SC.
BDL=below detection limit; NA = not applicable
NCGPS=North Carolina Groundwater Protection Standard
Bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)
B = detected in method blank
J = estimated result <PQL and >=MDL

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APPENDIX A
LABORATORY DATA SHEETS

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

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

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

Lot Number: **II19062**
Date Completed: **09/26/2007**

Michael Casalena
Project Manager

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

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

Case Narrative
Buxton Environmental
Lot Number: II19062

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.

GC/MS Volatiles

Sample -010 was received with a very limited sample volume, approximately 10 mls. The results for the sample are elevated due to the low sample volume.

Sample Summary
Buxton Environmental
Lot Number: II19062

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	09/18/2007 1420	09/19/2007
002	MW-2	Aqueous	09/18/2007 1645	09/19/2007
003	MW-3	Aqueous	09/18/2007 1700	09/19/2007
004	MW-4	Aqueous	09/18/2007 1800	09/19/2007
005	MW-5	Aqueous	09/18/2007 1830	09/19/2007
006	MW-6	Aqueous	09/18/2007 1445	09/19/2007
007	MW-7A	Aqueous	09/18/2007 1530	09/19/2007
008	MW-7B	Aqueous	09/18/2007 1545	09/19/2007
009	MW-8A	Aqueous	09/18/2007 1600	09/19/2007
010	MW-8B	Aqueous	09/18/2007 1620	09/19/2007
011	MW-9	Aqueous	09/18/2007 1400	09/19/2007
012	SW-1	Aqueous	09/18/2007 1500	09/19/2007
013	SW-2	Aqueous	09/18/2007 1715	09/19/2007
014	Trip Blank	Aqueous	08/29/2007 1415	09/19/2007

(14 samples)

Executive Summary
Buxton Environmental
Lot Number: II19062

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Antimony	6020	2.4	J	ug/L	10
001	MW-1	Aqueous	Barium	6020	440	B	ug/L	10
001	MW-1	Aqueous	Beryllium	6020	2.1	BJ	ug/L	10
001	MW-1	Aqueous	Chromium	6020	10	J	ug/L	10
001	MW-1	Aqueous	Cobalt	6020	16	J	ug/L	10
001	MW-1	Aqueous	Copper	6020	33	B	ug/L	10
001	MW-1	Aqueous	Lead	6020	10		ug/L	10
001	MW-1	Aqueous	Nickel	6020	14	J	ug/L	10
001	MW-1	Aqueous	Silver	6020	0.59	BJ	ug/L	10
001	MW-1	Aqueous	Vanadium	6020	34	J	ug/L	10
001	MW-1	Aqueous	Zinc	6020	82	J	ug/L	10
001	MW-1	Aqueous	Mercury	7470A	0.000087	J	mg/L	11
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	120		ug/L	12
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	13		ug/L	12
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	66		ug/L	12
002	MW-2	Aqueous	1,2-Dichloropropane	8260B	5.0		ug/L	12
002	MW-2	Aqueous	Tetrachloroethene	8260B	35		ug/L	12
002	MW-2	Aqueous	Trichloroethene	8260B	53		ug/L	12
002	MW-2	Aqueous	Vinyl chloride	8260B	9.4		ug/L	12
002	MW-2	Aqueous	Antimony	6020	1.6	J	ug/L	14
002	MW-2	Aqueous	Arsenic	6020	5.7	BJ	ug/L	14
002	MW-2	Aqueous	Barium	6020	5700	B	ug/L	14
002	MW-2	Aqueous	Beryllium	6020	11	B	ug/L	14
002	MW-2	Aqueous	Chromium	6020	260		ug/L	14
002	MW-2	Aqueous	Cobalt	6020	120		ug/L	14
002	MW-2	Aqueous	Copper	6020	240	B	ug/L	14
002	MW-2	Aqueous	Lead	6020	3000		ug/L	14
002	MW-2	Aqueous	Nickel	6020	210		ug/L	14
002	MW-2	Aqueous	Silver	6020	2.0	BJ	ug/L	14
002	MW-2	Aqueous	Thallium	6020	1.9	BJ	ug/L	14
002	MW-2	Aqueous	Vanadium	6020	760		ug/L	14
002	MW-2	Aqueous	Zinc	6020	850		ug/L	14
002	MW-2	Aqueous	Mercury	7470A	0.00020		mg/L	15
003	MW-3	Aqueous	Antimony	6020	0.98	J	ug/L	18
003	MW-3	Aqueous	Barium	6020	110	B	ug/L	18
003	MW-3	Aqueous	Beryllium	6020	0.44	BJ	ug/L	18
003	MW-3	Aqueous	Chromium	6020	9.9	J	ug/L	18
003	MW-3	Aqueous	Cobalt	6020	5.9	J	ug/L	18
003	MW-3	Aqueous	Copper	6020	19	B	ug/L	18
003	MW-3	Aqueous	Lead	6020	2.9	J	ug/L	18
003	MW-3	Aqueous	Nickel	6020	18	J	ug/L	18
003	MW-3	Aqueous	Silver	6020	0.56	BJ	ug/L	18
003	MW-3	Aqueous	Thallium	6020	0.43	BJ	ug/L	18
003	MW-3	Aqueous	Vanadium	6020	30		ug/L	18
003	MW-3	Aqueous	Zinc	6020	23	J	ug/L	18

Executive Summary (Continued)

Lot Number: II19062

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
004	MW-4	Aqueous	Benzene	8260B	1.4		ug/L	20
004	MW-4	Aqueous	Chlorobenzene	8260B	0.76	J	ug/L	20
004	MW-4	Aqueous	Chloroethane	8260B	4.2		ug/L	20
004	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.7		ug/L	20
004	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	9.0		ug/L	20
004	MW-4	Aqueous	1,1-Dichloroethane	8260B	69		ug/L	20
004	MW-4	Aqueous	1,2-Dichloroethane	8260B	1.7		ug/L	20
004	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	300		ug/L	20
004	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	2.4		ug/L	20
004	MW-4	Aqueous	1,2-Dichloropropane	8260B	2.1		ug/L	20
004	MW-4	Aqueous	Trichloroethene	8260B	9.9		ug/L	20
004	MW-4	Aqueous	Vinyl chloride	8260B	18		ug/L	20
004	MW-4	Aqueous	Antimony	6020	0.24	J	ug/L	22
004	MW-4	Aqueous	Arsenic	6020	1.5	B	ug/L	22
004	MW-4	Aqueous	Barium	6020	96		ug/L	22
004	MW-4	Aqueous	Beryllium	6020	0.052	J	ug/L	22
004	MW-4	Aqueous	Cadmium	6020	0.27		ug/L	22
004	MW-4	Aqueous	Cobalt	6020	110		ug/L	22
004	MW-4	Aqueous	Copper	6020	4.3		ug/L	22
004	MW-4	Aqueous	Nickel	6020	5.4		ug/L	22
004	MW-4	Aqueous	Selenium	6020	0.62	J	ug/L	22
004	MW-4	Aqueous	Silver	6020	0.12	BJ	ug/L	22
004	MW-4	Aqueous	Thallium	6020	0.088	J	ug/L	22
004	MW-4	Aqueous	Vanadium	6020	8.3		ug/L	22
004	MW-4	Aqueous	Zinc	6020	10		ug/L	22
005	MW-5	Aqueous	Acetone	8260B	1.5	J	ug/L	24
005	MW-5	Aqueous	Antimony	6020	0.90	J	ug/L	26
005	MW-5	Aqueous	Arsenic	6020	1.2	B	ug/L	26
005	MW-5	Aqueous	Barium	6020	120		ug/L	26
005	MW-5	Aqueous	Beryllium	6020	0.33	J	ug/L	26
005	MW-5	Aqueous	Cadmium	6020	0.31		ug/L	26
005	MW-5	Aqueous	Chromium	6020	10		ug/L	26
005	MW-5	Aqueous	Cobalt	6020	4.4	J	ug/L	26
005	MW-5	Aqueous	Copper	6020	14		ug/L	26
005	MW-5	Aqueous	Lead	6020	2.4		ug/L	26
005	MW-5	Aqueous	Nickel	6020	3.8	J	ug/L	26
005	MW-5	Aqueous	Selenium	6020	0.38	J	ug/L	26
005	MW-5	Aqueous	Silver	6020	0.34	BJ	ug/L	26
005	MW-5	Aqueous	Thallium	6020	0.079	J	ug/L	26
005	MW-5	Aqueous	Vanadium	6020	32		ug/L	26
005	MW-5	Aqueous	Zinc	6020	27		ug/L	26
006	MW-6	Aqueous	Arsenic	6020	1.1	B	ug/L	30
006	MW-6	Aqueous	Barium	6020	90		ug/L	30
006	MW-6	Aqueous	Beryllium	6020	0.14	J	ug/L	30
006	MW-6	Aqueous	Cadmium	6020	0.38		ug/L	30
006	MW-6	Aqueous	Cobalt	6020	3.0	J	ug/L	30
006	MW-6	Aqueous	Copper	6020	0.81	J	ug/L	30
006	MW-6	Aqueous	Nickel	6020	0.55	J	ug/L	30

Executive Summary (Continued)

Lot Number: II19062

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
006	MW-6	Aqueous	Selenium	6020	0.31	J	ug/L	30
006	MW-6	Aqueous	Silver	6020	0.11	BJ	ug/L	30
006	MW-6	Aqueous	Vanadium	6020	2.9	J	ug/L	30
006	MW-6	Aqueous	Zinc	6020	4.5	J	ug/L	30
007	MW-7A	Aqueous	Benzene	8260B	4.2		ug/L	32
007	MW-7A	Aqueous	Chloroethane	8260B	3.1		ug/L	32
007	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	1.1		ug/L	32
007	MW-7A	Aqueous	1,1-Dichloroethane	8260B	12		ug/L	32
007	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	20		ug/L	32
007	MW-7A	Aqueous	Tetrachloroethene	8260B	10		ug/L	32
007	MW-7A	Aqueous	Trichloroethene	8260B	6.5		ug/L	32
007	MW-7A	Aqueous	Trichlorofluoromethane	8260B	0.33	J	ug/L	32
007	MW-7A	Aqueous	Vinyl chloride	8260B	1.5		ug/L	32
007	MW-7A	Aqueous	Arsenic	6020	0.68	BJ	ug/L	34
007	MW-7A	Aqueous	Barium	6020	100		ug/L	34
007	MW-7A	Aqueous	Beryllium	6020	0.029	J	ug/L	34
007	MW-7A	Aqueous	Cadmium	6020	0.066	J	ug/L	34
007	MW-7A	Aqueous	Cobalt	6020	0.79	J	ug/L	34
007	MW-7A	Aqueous	Copper	6020	0.28	J	ug/L	34
007	MW-7A	Aqueous	Nickel	6020	0.40	J	ug/L	34
007	MW-7A	Aqueous	Silver	6020	0.014	BJ	ug/L	34
007	MW-7A	Aqueous	Vanadium	6020	2.0	J	ug/L	34
007	MW-7A	Aqueous	Zinc	6020	6.8	J	ug/L	34
007	MW-7A	Aqueous	Mercury	7470A	0.000071	J	mg/L	35
008	MW-7B	Aqueous	Benzene	8260B	8.0		ug/L	36
008	MW-7B	Aqueous	Chloroethane	8260B	5.6		ug/L	36
008	MW-7B	Aqueous	1,4-Dichlorobenzene	8260B	2.3		ug/L	36
008	MW-7B	Aqueous	1,1-Dichloroethane	8260B	20		ug/L	36
008	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	36		ug/L	36
008	MW-7B	Aqueous	Methylene chloride	8260B	0.62	J	ug/L	36
008	MW-7B	Aqueous	Tetrachloroethene	8260B	18		ug/L	36
008	MW-7B	Aqueous	Trichloroethene	8260B	7.6		ug/L	36
008	MW-7B	Aqueous	Trichlorofluoromethane	8260B	0.57	J	ug/L	36
008	MW-7B	Aqueous	Vinyl chloride	8260B	2.4		ug/L	36
008	MW-7B	Aqueous	Arsenic	6020	0.60	BJ	ug/L	38
008	MW-7B	Aqueous	Barium	6020	120		ug/L	38
008	MW-7B	Aqueous	Beryllium	6020	0.037	J	ug/L	38
008	MW-7B	Aqueous	Cadmium	6020	0.63		ug/L	38
008	MW-7B	Aqueous	Cobalt	6020	0.50	J	ug/L	38
008	MW-7B	Aqueous	Copper	6020	1.4		ug/L	38
008	MW-7B	Aqueous	Nickel	6020	0.64	J	ug/L	38
008	MW-7B	Aqueous	Silver	6020	0.22	BJ	ug/L	38
008	MW-7B	Aqueous	Zinc	6020	4.4	J	ug/L	38
008	MW-7B	Aqueous	Mercury	7470A	0.00011		mg/L	39
009	MW-8A	Aqueous	Arsenic	6020	0.62	BJ	ug/L	42
009	MW-8A	Aqueous	Barium	6020	14		ug/L	42
009	MW-8A	Aqueous	Cadmium	6020	0.38		ug/L	42
009	MW-8A	Aqueous	Cobalt	6020	0.055	J	ug/L	42

Executive Summary (Continued)

Lot Number: II19062

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
009	MW-8A	Aqueous	Copper	6020	0.27	J	ug/L	42
009	MW-8A	Aqueous	Silver	6020	0.10	BJ	ug/L	42
009	MW-8A	Aqueous	Zinc	6020	4.1	J	ug/L	42
011	MW-9	Aqueous	Arsenic	6020	0.69	BJ	ug/L	48
011	MW-9	Aqueous	Barium	6020	44		ug/L	48
011	MW-9	Aqueous	Beryllium	6020	0.028	J	ug/L	48
011	MW-9	Aqueous	Cadmium	6020	0.12		ug/L	48
011	MW-9	Aqueous	Cobalt	6020	0.28	J	ug/L	48
011	MW-9	Aqueous	Silver	6020	0.020	BJ	ug/L	48
011	MW-9	Aqueous	Zinc	6020	3.3	J	ug/L	48
012	SW-1	Aqueous	Arsenic	6020	1.2	B	ug/L	52
012	SW-1	Aqueous	Barium	6020	83		ug/L	52
012	SW-1	Aqueous	Beryllium	6020	0.49		ug/L	52
012	SW-1	Aqueous	Chromium	6020	8.5		ug/L	52
012	SW-1	Aqueous	Cobalt	6020	3.4	J	ug/L	52
012	SW-1	Aqueous	Copper	6020	6.9		ug/L	52
012	SW-1	Aqueous	Lead	6020	3.3		ug/L	52
012	SW-1	Aqueous	Nickel	6020	3.0	J	ug/L	52
012	SW-1	Aqueous	Selenium	6020	0.36	J	ug/L	52
012	SW-1	Aqueous	Silver	6020	0.029	BJ	ug/L	52
012	SW-1	Aqueous	Vanadium	6020	31		ug/L	52
012	SW-1	Aqueous	Zinc	6020	9.1	J	ug/L	52
013	SW-2	Aqueous	Arsenic	6020	1.0	B	ug/L	56
013	SW-2	Aqueous	Barium	6020	87		ug/L	56
013	SW-2	Aqueous	Cobalt	6020	1.6	J	ug/L	56
013	SW-2	Aqueous	Selenium	6020	0.45	J	ug/L	56

(167 detections)

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1420**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2244	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **09/18/2007 1420**
Date Received: **09/19/2007**

Laboratory ID: **II19062-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2244	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	52-138
Bromofluorobenzene		90	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **09/18/2007 1420**
Date Received: **09/19/2007**

Laboratory ID: **II19062-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	10	09/25/2007 0238	FTS	09/20/2007 1830	64457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**2.4**	**J**	**10**	**0.97**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		10	2.6	ug/L	1
Barium	**7440-39-3**	**6020**	**440**	**B**	**50**	**0.45**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**2.1**	**BJ**	**4.0**	**0.28**	**ug/L**	**1**
Cadmium	7440-43-9	6020	ND		1.0	0.59	ug/L	1
Chromium	**7440-47-3**	**6020**	**10**	**J**	**50**	**3.5**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**16**	**J**	**50**	**0.29**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**33**	**B**	**10**	**1.5**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**10**		**10**	**0.47**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**14**	**J**	**50**	**2.8**	**ug/L**	**1**
Selenium	7782-49-2	6020	ND		10	2.5	ug/L	1
Silver	**7440-22-4**	**6020**	**0.59**	**BJ**	**10**	**0.11**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		5.0	0.76	ug/L	1
Vanadium	**7440-62-2**	**6020**	**34**	**J**	**50**	**15**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**82**	**J**	**100**	**14**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **09/18/2007 1420**
Date Received: **09/19/2007**

Laboratory ID: **II19062-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2025	FLW	09/20/2007 1540	64433

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.000087**	**J**	**0.00010**	**0.000053**	**mg/L**	**1**

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1645**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2306	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**120**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**13**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**66**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	**78-87-5**	**8260B**	**5.0**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**35**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**53**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**9.4**		**1.0**	**0.054**	**ug/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1645**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2306	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	52-138
Bromofluorobenzene		90	70-147
Toluene-d8		92	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **I19062-002**
Description: **MW-2**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1645**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	10	09/25/2007 0248	FTS	09/20/2007 1830	64457
2	3005A	6020	20	09/25/2007 2322	FTS	09/20/2007 1830	64457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	1.6	J	10	0.97	ug/L	1
Arsenic	7440-38-2	6020	5.7	BJ	20	5.2	ug/L	2
Barium	7440-39-3	6020	5700	B	50	0.45	ug/L	1
Beryllium	7440-41-7	6020	11	B	4.0	0.28	ug/L	1
Cadmium	7440-43-9	6020	ND		1.0	0.59	ug/L	1
Chromium	7440-47-3	6020	260		50	3.5	ug/L	1
Cobalt	7440-48-4	6020	120		50	0.29	ug/L	1
Copper	7440-50-8	6020	240	B	10	1.5	ug/L	1
Lead	7439-92-1	6020	3000		10	0.47	ug/L	1
Nickel	7440-02-0	6020	210		50	2.8	ug/L	1
Selenium	7782-49-2	6020	ND		20	5.1	ug/L	2
Silver	7440-22-4	6020	2.0	BJ	10	0.11	ug/L	1
Thallium	7440-28-0	6020	1.9	BJ	5.0	0.76	ug/L	1
Vanadium	7440-62-2	6020	760		50	15	ug/L	1
Zinc	7440-66-6	6020	850		200	29	ug/L	2

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

CVAA

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **09/18/2007 1645**
Date Received: **09/19/2007**

Laboratory ID: **II19062-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2031	FLW	09/20/2007 1540	64433

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00020**		**0.00010**	**0.000053**	**mg/L**	**1**

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **09/18/2007 1700**
Date Received: **09/19/2007**

Laboratory ID: **II19062-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2328	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1700**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/20/2007 2328	CMS		64444

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

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

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-003**
Description: **MW-3**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1700**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	5	09/25/2007 0318	FTS	09/20/2007 1830	64457

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.98**	**J**	**5.0**	**0.48**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		5.0	1.3	ug/L	1
Barium	**7440-39-3**	**6020**	**110**	**B**	**25**	**0.22**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.44**	**BJ**	**2.0**	**0.14**	**ug/L**	**1**
Cadmium	7440-43-9	6020	ND		0.50	0.30	ug/L	1
Chromium	**7440-47-3**	**6020**	**9.9**	**J**	**25**	**1.7**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**5.9**	**J**	**25**	**0.14**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**19**	**B**	**5.0**	**0.74**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**2.9**	**J**	**5.0**	**0.24**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**18**	**J**	**25**	**1.4**	**ug/L**	**1**
Selenium	7782-49-2	6020	ND		5.0	1.3	ug/L	1
Silver	**7440-22-4**	**6020**	**0.56**	**BJ**	**5.0**	**0.055**	**ug/L**	**1**
Thallium	**7440-28-0**	**6020**	**0.43**	**BJ**	**2.5**	**0.38**	**ug/L**	**1**
Vanadium	**7440-62-2**	**6020**	**30**		**25**	**7.3**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**23**	**J**	**50**	**7.3**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **09/18/2007 1700**
Date Received: **09/19/2007**

Laboratory ID: **II19062-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2034	FLW	09/20/2007 1540	64433

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1800**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1258	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.4**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	**108-90-7**	**8260B**	**0.76**	**J**	**1.0**	**0.14**	**ug/L**	**1**
Chloroethane	**75-00-3**	**8260B**	**4.2**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	**95-50-1**	**8260B**	**1.7**		**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**9.0**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**69**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.7**		**1.0**	**0.15**	**ug/L**	**1**
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**300**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**2.4**		**1.0**	**0.20**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**2.1**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**9.9**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**18**		**1.0**	**0.054**	**ug/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1800**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1258	DLB	-	64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-004**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1800**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0743	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	0.24	J	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020	1.5	B	1.0	0.26	ug/L	1
Barium	7440-39-3	6020	96		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020	0.052	J	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020	0.27		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020	110		5.0	0.029	ug/L	1
Copper	7440-50-8	6020	4.3		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	5.4		5.0	0.28	ug/L	1
Selenium	7782-49-2	6020	0.62	J	1.0	0.25	ug/L	1
Silver	7440-22-4	6020	0.12	BJ	1.0	0.011	ug/L	1
Thallium	7440-28-0	6020	0.088	J	0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	8.3		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020	10		10	1.4	ug/L	1

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

CVAA

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **09/18/2007 1800**
Date Received: **09/19/2007**

Laboratory ID: **II19062-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2035	FLW	09/20/2007 1540	64433

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **09/18/2007 1830**
Date Received: **09/19/2007**

Laboratory ID: **II19062-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1320	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**1.5**	**J**	**20**	**1.2**	**ug/L**	**1**
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **09/18/2007 1830**
Date Received: **09/19/2007**

Laboratory ID: **II19062-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1320	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-005**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1830**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0753	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	0.90	J	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020	1.2	B	1.0	0.26	ug/L	1
Barium	7440-39-3	6020	120		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020	0.33	J	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020	0.31		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020	10		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020	4.4	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020	14		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	2.4		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	3.8	J	5.0	0.28	ug/L	1
Selenium	7782-49-2	6020	0.38	J	1.0	0.25	ug/L	1
Silver	7440-22-4	6020	0.34	BJ	1.0	0.011	ug/L	1
Thallium	7440-28-0	6020	0.079	J	0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	32		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020	27		10	1.4	ug/L	1

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

CVAA

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **09/18/2007 1830**
Date Received: **09/19/2007**

Laboratory ID: **II19062-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2037	FLW	09/20/2007 1540	64433

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

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-006**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1445**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1341	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **09/18/2007 1445**
Date Received: **09/19/2007**

Laboratory ID: **II19062-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1341	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **09/18/2007 1445**
Date Received: **09/19/2007**

Laboratory ID: **II19062-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0803	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**1.1**	**B**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**90**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.14**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.38**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**3.0**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.81**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	**7440-02-0**	**6020**	**0.55**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020**	**0.31**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	**7440-22-4**	**6020**	**0.11**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020**	**2.9**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**4.5**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **09/18/2007 1445**
Date Received: **09/19/2007**

Laboratory ID: **II19062-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2038	FLW	09/20/2007 1540	64433

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1530**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1403	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**4.2**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**3.1**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**1.1**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**12**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**20**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**10**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**6.5**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	**75-69-4**	**8260B**	**0.33**	**J**	**1.0**	**0.30**	**ug/L**	**1**
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**1.5**		**1.0**	**0.054**	**ug/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **09/18/2007 1530**
Date Received: **09/19/2007**

Laboratory ID: **II19062-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1403	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		90	76-125

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

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Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-007**
Description: **MW-7A**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1530**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0841	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**0.68**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**100**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.029**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.066**	**J**	**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**0.79**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.28**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	**7440-02-0**	**6020**	**0.40**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020**	**0.014**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020**	**2.0**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**6.8**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **09/18/2007 1530**
Date Received: **09/19/2007**

Laboratory ID: **II19062-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2039	FLW	09/20/2007 1540	64433

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000071	J	0.00010	0.000053	mg/L	1

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

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **09/18/2007 1545**
Date Received: **09/19/2007**

Laboratory ID: **I119062-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1424	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**8.0**		**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**5.6**		**2.0**	**0.47**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**2.3**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**20**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**36**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.62**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**18**		**1.0**	**0.13**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**7.6**		**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	**75-69-4**	**8260B**	**0.57**	**J**	**1.0**	**0.30**	**ug/L**	**1**
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**2.4**		**1.0**	**0.054**	**ug/L**	**1**

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **09/18/2007 1545**
Date Received: **09/19/2007**

Laboratory ID: **II19062-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1424	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	52-138
Bromofluorobenzene		86	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **09/18/2007 1545**
Date Received: **09/19/2007**

Laboratory ID: **II19062-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0912	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**0.60**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**120**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.037**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.63**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**0.50**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**1.4**		**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	**7440-02-0**	**6020**	**0.64**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	7782-49-2	6020	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020**	**0.22**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020**	**4.4**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **09/18/2007 1545**
Date Received: **09/19/2007**

Laboratory ID: **II19062-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2040	FLW	09/20/2007 1540	64433

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00011**		**0.00010**	**0.000053**	**mg/L**	**1**

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

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Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **09/18/2007 1600**
Date Received: **09/19/2007**

Laboratory ID: **II19062-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1446	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **09/18/2007 1600**
Date Received: **09/19/2007**

Laboratory ID: **II19062-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1446	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		91	76-125

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **09/18/2007 1600**
Date Received: **09/19/2007**

Laboratory ID: **II19062-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0922	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**0.62**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**14**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020	ND		0.40	0.028	ug/L	1
Cadmium	**7440-43-9**	**6020**	**0.38**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**0.055**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.27**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	ND		5.0	0.28	ug/L	1
Selenium	7782-49-2	6020	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020**	**0.10**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020**	**4.1**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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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

CVAA

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **09/18/2007 1600**
Date Received: **09/19/2007**

Laboratory ID: **II19062-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2041	FLW	09/20/2007 1540	64433

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-010**
Description: **MW-8B**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1620**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	09/21/2007 1508	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		100	6.1	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		100	6.0	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	0.66	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	0.80	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	0.75	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	3.3	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		10	4.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		50	10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	0.48	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.68	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	0.71	ug/L	1
Chloroethane	75-00-3	8260B	ND		10	2.3	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	0.60	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.8	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	3.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	0.57	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	1.5	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	1.8	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	4.1	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.5	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.64	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.73	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.79	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.60	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.94	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.46	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.52	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	0.87	ug/L	1
2-Hexanone	591-78-6	8260B	ND		50	1.4	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		25	6.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		50	1.6	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	0.64	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	0.60	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.82	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.66	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	0.84	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.37	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	0.90	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	1.4	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		25	6.5	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.27	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-8B**
Date Sampled: **09/18/2007 1620**
Date Received: **09/19/2007**

Laboratory ID: **II19062-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	09/21/2007 1508	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.1	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		85	70-147
Toluene-d8		91	76-125

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **09/18/2007 1400**
Date Received: **09/19/2007**

Laboratory ID: **II19062-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1529	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **09/18/2007 1400**
Date Received: **09/19/2007**

Laboratory ID: **II19062-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1529	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		84	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **09/18/2007 1400**
Date Received: **09/19/2007**

Laboratory ID: **II19062-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0931	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**0.69**	**BJ**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**44**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.028**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.12**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**0.28**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	7440-50-8	6020	ND		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	ND		5.0	0.28	ug/L	1
Selenium	7782-49-2	6020	ND		1.0	0.25	ug/L	1
Silver	**7440-22-4**	**6020**	**0.020**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020**	**3.3**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **09/18/2007 1400**
Date Received: **09/19/2007**

Laboratory ID: **II19062-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2042	FLW	09/20/2007 1540	64433

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **09/18/2007 1500**
Date Received: **09/19/2007**

Laboratory ID: **II19062-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1551	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **09/18/2007 1500**
Date Received: **09/19/2007**

Laboratory ID: **II19062-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1551	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		84	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-012**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1500**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0942	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**1.2**	**B**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**83**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.49**		**0.40**	**0.028**	**ug/L**	**1**
Cadmium	7440-43-9	6020	ND		0.10	0.059	ug/L	1
Chromium	**7440-47-3**	**6020**	**8.5**		**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**3.4**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**6.9**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**3.3**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**3.0**	**J**	**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020**	**0.36**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	**7440-22-4**	**6020**	**0.029**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	**7440-62-2**	**6020**	**31**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**9.1**	**J**	**10**	**1.4**	**ug/L**	**1**

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **09/18/2007 1500**
Date Received: **09/19/2007**

Laboratory ID: **II19062-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2044	FLW	09/20/2007 1540	64433

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **SW-2**
Date Sampled: **09/18/2007 1715**
Date Received: **09/19/2007**

Laboratory ID: **II19062-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1612	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Laboratory ID: **II19062-013**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **09/18/2007 1715**
Date Received: **09/19/2007**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1612	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	52-138
Bromofluorobenzene		84	70-147
Toluene-d8		91	76-125

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

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

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

Appendix I ICP-MS

Client: **Buxton Environmental**
Description: **SW-2**
Date Sampled: **09/18/2007 1715**
Date Received: **09/19/2007**

Laboratory ID: **II19062-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	09/25/2007 0952	FTS	09/20/2007 1830	64458

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	ND		1.0	0.097	ug/L	1
Arsenic	**7440-38-2**	**6020**	**1.0**	**B**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**87**		**5.0**	**0.045**	**ug/L**	**1**
Beryllium	7440-41-7	6020	ND		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020	ND		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020	ND		5.0	0.35	ug/L	1
Cobalt	**7440-48-4**	**6020**	**1.6**	**J**	**5.0**	**0.029**	**ug/L**	**1**
Copper	7440-50-8	6020	ND		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	ND		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	ND		5.0	0.28	ug/L	1
Selenium	**7782-49-2**	**6020**	**0.45**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	7440-22-4	6020	ND		1.0	0.011	ug/L	1
Thallium	7440-28-0	6020	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	ND		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020	ND		10	1.4	ug/L	1

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

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

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

CVAA

Client: **Buxton Environmental**
Description: **SW-2**
Date Sampled: **09/18/2007 1715**
Date Received: **09/19/2007**

Laboratory ID: **II19062-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	09/20/2007 2045	FLW	09/20/2007 1540	64433

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

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

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **08/29/2007 1415**
Date Received: **09/19/2007**

Laboratory ID: **II19062-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1634	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.14	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.12	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.11	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.30	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.13	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.27	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1

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

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

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

Volatile Organic Compounds by GC/MS

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **08/29/2007 1415**
Date Received: **09/19/2007**

Laboratory ID: **II19062-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/21/2007 1634	DLB		64562

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	52-138
Bromofluorobenzene		84	70-147
Toluene-d8		91	76-125

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

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

E = Quantitation of compound exceeded the calibration range
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Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

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 79445

Client: Buxton 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 1 of 1
City: Charlotte; State: NC; Zip Code: 28203	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: Alamance Co. - Swepsonville Landfill			
Project No.	P.O. No.		Lot No. IJ19062

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	App I VOCs	App I metals + Hg	Remarks / Cooler I.D.
MW-1	9-18-07	14:20	G	✓									X	X	
MW-2	"	16:45	G	✓									X	X	Lim. to H2O metals
MW-3	"	17:00	G	✓									X	X	
MW-4	"	18:00	G	✓									X	X	
MW-5	"	18:30	G	✓									X	X	
MW-6	"	14:45	G	✓									X	X	
MW-7A	"	15:30	G	✓									X	X	
MW-7B	"	15:45	G	✓									X	X	
MW-8A	"	16:00	G	✓									X	X	
MW-8B	"	16:20	G	✓									X	—	Very Lim. to H2O VOA *
MW-9	"	14:00	G	✓									X	X	
SW-1	"	15:00	G	✓									X	X	
SW-2	"	17:15	G	✓									X	X	
Trip Blank	8-29-07	14:15	G	✓									X	—	

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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

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

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify) 7 Day T.A.T.

QC Requirements (Specify): Analyze per New NC Solid Waste Rules (w/ low Detections + B + J Flags)

	Date	Time		Date	Time
1. Relinquished by	9-19-07	10:30	1. Received by	9-19-07	11:00
2. Relinquished by	9-19-07	1645	2. Received by		
3. Relinquished by			3. Laboratory received by: Christian Bouturell	9/19/07	1645

Comments

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack TB
Receipt Temp. 3.0 °C

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

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

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Buxton Cooler Inspected by/date: CB / 9/14/07 Lot #: IF19062

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

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

Cooler ID/temperature upon receipt 3.0 °C / °C / °C / °C / °C / °C / °C / °C

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

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

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

3 9/07

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

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

Sample(s) ~~[illegible]~~ -007, -011 were received with bubbles >6 mm in diameter.

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

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

Corrective Action taken, if necessary:

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

SESI employee:_____ Date of response:_____

Comments: only received 1 40mL HCl for samples MW8B
2/40mL vials were empty