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. (consultant)

Received APR 2007 Waste Management

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

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

E-mail: buxtonenv@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g. October 20-24, 2006)
Alamance County Landfill - Closed Swepsonville	Alfred Road	0101 Not Applicable		March 7, 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. — Facility Representative Name (Print)

Pres. DEVT — Title

(Area Code) Telephone Number

Signature

4-14-07 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1266 GEOLOGIST CHARLES ROSS KLINGMAN

Revised 01/2007

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

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FIRST 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 first 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 memorandums dated October 27, 2006 and February 23, 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 March 7, 2007, Buxton Environmental, Inc. conducted the first 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. 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 Cayce, South Carolina. The water samples were collected in general accordance with accepted protocol, including chain-of-custody documentation.

4.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the first semi-annual 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-6, MW-7A, MW-7B, MW-8B and MW-9 indicated target constituents above the NCGPS, which are summarized below.

Groundwater sample MW-1 indicated the presence of 1.8 ug/l tetrachloroethene, 2 ug/l beryllium, 12B ug/l cobalt (B=detected in method blank), 0.62 ug/l thallium and 26 ug/l vanadium. The NCGPS for thallium is the detection limit, since no standard has been established by the NCSWM.

Groundwater sample MW-2 indicated the presence of 2.6 ug/l 1,4-dichlorobenzene, 120 ug/l 1,1-dichloroethane, 1.6 ug/l 1,2-dichloroethane, 13 ug/l 1,1-dichloroethene, 5 ug/l 1,2-dichloropropane, 31 ug/l tetrachloroethene, 44 ug/l trichloroethene, 5.6 ug/l vinyl chloride and 7B ug/l cobalt.

Groundwater sample MW-3 indicated the presence of 7.3B ug/l cobalt, 0.11J ug/l thallium (J=estimated result (<Solid Waste Section Limit (SWSL) and >=Method Detection Limit (MDL)) and 38 ug/l vanadium.

Groundwater sample MW-4 indicated the presence of 1.6 ug/l benzene, 10 ug/l 1,4-dichlorobenzene, 1.6 ug/l 1,2-dichloroethane, 380 ug/l cis-1,2-dichlroethene, 2.2 ug/l 1,2-dichloropropane, 14 ug/l trichloroethene, 20 ug/l vinyl chloride and 120B ug/l cobalt.

Groundwater sample MW-5 indicated the presence of 3.7BJ ug/l cobalt, 0.092J ug/l thallium and 35 ug/l vanadium.

Groundwater sample MW-6 indicated the presence of 2.6BJ ug/l cobalt.

Groundwater sample MW-7A indicated the presence of 4.9 ug/l tetrachloroethene, 16B ug/l cobalt, 1.5 ug/l mercury, 0.18J ug/l thallium and 71 ug/l vanadium.

Groundwater sample MW-7B indicated the presence of 2.3 ug/l benzene, 7.7 ug/l tetrachloroethene and 1.2 ug/l vinyl chloride.

Groundwater sample MW-8A did not indicate target constituents above the NCGPS.

Groundwater sample MW-8B indicated the presence of 2.9 ug/l beryllium, 30B ug/l cobalt, 0.61 ug/l thallium and 42 ug/l vanadium.

Groundwater sample MW-9 indicated the presence of 11B ug/l cobalt.

Groundwater sample MW-4A indicated 4.7BJ ug/l cobalt, 0.16J ug/l thallium and 28 ug/l vanadium.

Groundwater sample MW-53 indicated 3.9BJ ug/l cobalt and 30 ug/l vanadium.

Groundwater sample MW-64 indicated 39B ug/l cobalt, 0.59 ug/l thallium and 170 ug/l vanadium.

Surface Water Analytical Results

Surface water samples SW-1 and SW-2 did not indicate target constituents above the NCGPS.

Quality Control Analytical Results

The trip blank indicated 2.2J ug/l acetone, 1.5J ug/l bromoform, 0.16J ug/l carbon tetrachloride, 7.7 ug/l trans-1,4-dichloro-2-butene, 0.89 ug/l cis-1,2-dichloroethene and 0.73J ug/l methylene chloride. According to Shealy Environmental, Inc., these constituents were the result of contaminated distilled water which they used to prepare the blank.

5.0 CONCLUSIONS

On March 7, 2007, Buxton Environmental, Inc. conducted the first 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-6, MW-7A, MW-7B, MW-8B and MW-9 indicated target constituents above the NCGPS.

- Surface water samples collected during the assessment 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 September 2007.

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

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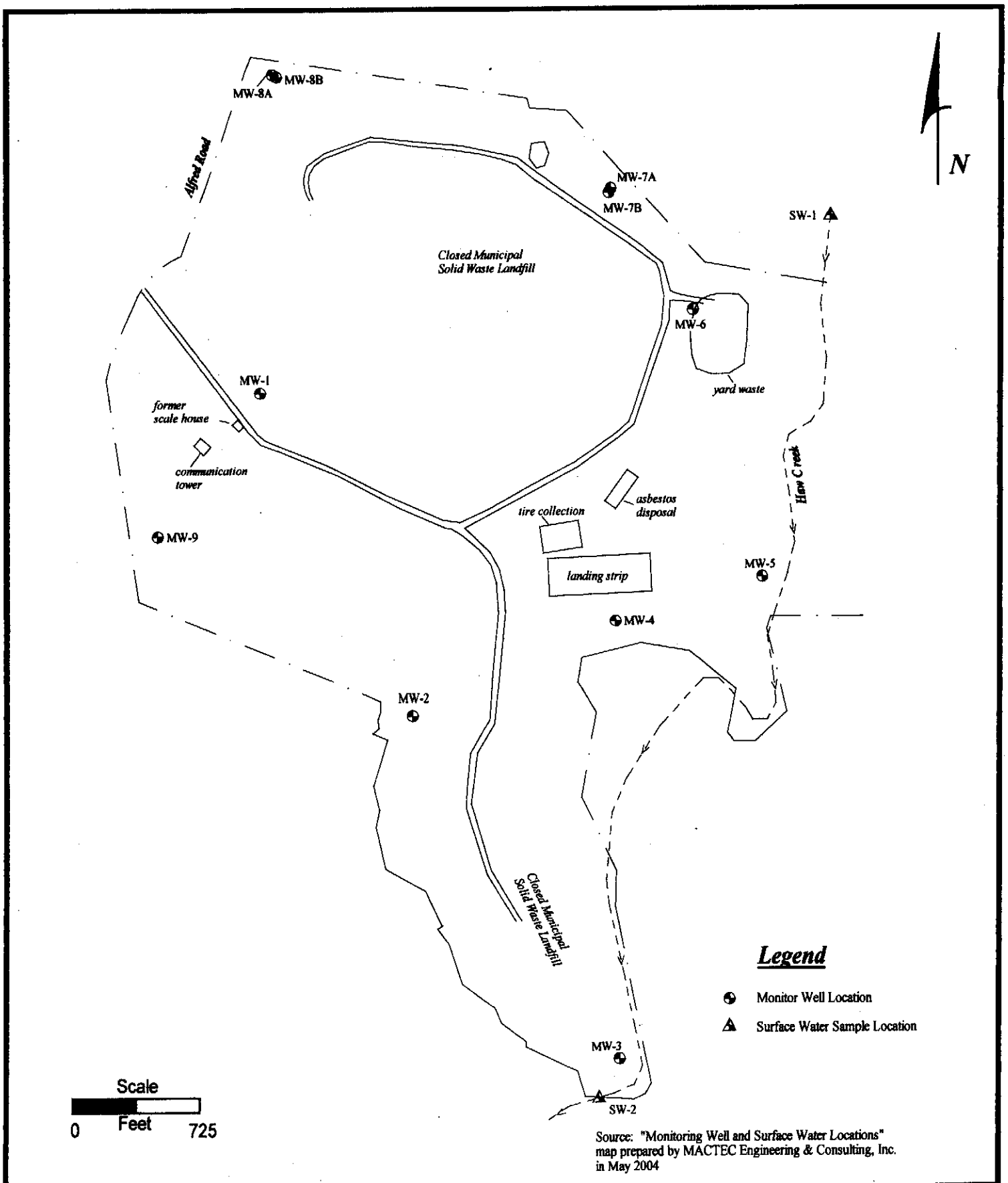
FIGURES



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
MARCH 7, 2007

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
MW-1	33.00	574.67	20.64	554.03
MW-2	29.90	510.67	25.66	485.01
MW-3	24.10	466.63	6.71	459.92
MW-4	50.00	497.57	31.76	465.81
MW-5	19.00	476.56	8.35	468.21
MW-6	50.00	529.50	20.39	509.11
MW-7A	31.05	554.12	18.61	535.51
MW-7B	64.02	553.09	20.90	532.19
MW-8A	65.00	591.08	21.79	569.29
MW-8B	26.00	591.25	21.14	570.11
MW-9	27.50	568.78	15.19	553.59

Notes:
Depth to water measurements obtained on March 7, 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
MARCH 7, 2007

Sample ID	*Field Parameters*		
	pH (standard units)	*K (uS)*	*T (fahrenheit)*
MW-1	7.8	70	60
MW-2	7.4	220	60
MW-3	7.5	80	54
MW-4	7.1	390	58
MW-5	7.8	160	55
MW-6	7.6	110	60
MW-7A	7.8	110	58
MW-7B	7.2	140	60
MW-8A	7.8	40	58
MW-8B	8.0	40	60
MW-9	8.0	50	60
SW-1	7.9	70	52
SW-2	7.8	80	52

Notes:
Field parameters collected on March 7, 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
MARCH 7, 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	1.3J	1.6J	1.9J	1.5J	1.5J	BDL	BDL	1.2J	BDL	BDL	BDL	700
Benzene	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	1
Chloroethane	BDL	1.8J	BDL	4.3	BDL	BDL	BDL	1.4J	BDL	BDL	BDL	2,800
Chloromethane	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6
1,2-Dichlorobenzene	BDL	2.8	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24
1,4-Dichlorobenzene	BDL	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4
1,1-Dichloroethane	BDL	[illegible]	BDL	65	BDL	BDL	2.2	7.2	BDL	BDL	BDL	70
1,2-Dichloroethane	BDL	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1-Dichloroethene	BDL	[illegible]	BDL	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	BDL	54	BDL	[illegible]	BDL	BDL	2.1	9.3	BDL	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	1.9	BDL	3.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	100
1,2-Dichloropropane	BDL	[illegible]	BDL	[illegible]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51
Tetrachloroethene	[illegible]	[illegible]	BDL	BDL	BDL	BDL	[illegible]	[illegible]	BDL	BDL	BDL	0.7
1,1,1-Trichloroethane	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200
Trichloroethene	BDL	[illegible]	BDL	[illegible]	BDL	BDL	1	2.6	BDL	BDL	BDL	2.8
Vinyl Chloride	BDL	[illegible]	BDL	[illegible]	BDL	BDL	BDL	[illegible]	BDL	BDL	BDL	0.015
Metals												
Antimony	0.74BJ	0.19	0.22BJ	0.32BJ	0.68BJ	0.14BJ	0.25BJ	BDL	0.11BJ	0.37BJ	0.25BJ	6
Arsenic	BDL	BDL	BDL	0.41J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Barium	360B	140B	150B	100B	130B	77B	340B	97B	14B	880B	120B	2,000
Beryllium	[illegible]	0.07J	0.46	BDL	0.31J	0.059J	0.8	BDL	BDL	[illegible]	0.6	2
Cadmium	0.6	0.47	0.43	0.35	0.3	0.16	0.74	0.26	0.35	1	0.35	1.75
Chromium	9.3	1.1J	13	0.52J	11	0.37J	9.5	BDL	0.62J	5.6	8.2	50
Cobalt	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.21BJ	0.044BJ	[illegible]	[illegible]	2
Copper	16	1.6	19	4.6	16	0.52J	25	0.31J	BDL	13	7	1,000
Lead	8.4	1.2	2.1	0.29J	3.4	0.3J	2.2	0.067J	0.071J	8.6	2.5	15
Mercury	0.19	BDL	BDL	BDL	BDL	BDL	[illegible]	0.24	BDL	BDL	BDL	1.05
Nickel	5.7	8.7	8.1	5.2	4.6J	1J	7.6	1.1J	BDL	3.6J	7.2	100
Silver	0.42BJ	0.24BJ	0.38BJ	0.27BJ	0.32BJ	0.11BJ	0.6BJ	0.13BJ	0.15BJ	0.77BJ	0.23BJ	17.5
Selenium	BDL	BDL	BDL	0.27J	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Thallium	[illegible]	BDL	[illegible]	BDL	[illegible]	BDL	[illegible]	BDL	BDL	[illegible]	BDL	NS
Vanadium	[illegible]	3.1J	[illegible]	3.9J	[illegible]	1.9J	[illegible]	BDL	2.4J	[illegible]	22	25
Zinc	93B	22B	34B	16	23B	17B	94B	8.3BJ	12B	230B	35B	1,050

Notes:
Groundwater samples collected on March 7, 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 Cayce, 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)
B = detected in method blank
J = estimated result <PQL and >=MDL

TABLE 4
CLOSED SURFACE WATER ANALYTICAL DATA
SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 7, 2007

Sample ID	***SW-1***	***SW-2***	***NCGPS***
Volatile Organic Compounds			
Acetone	2.4J	2.2J	700
Metals			
Antimony	BDL	0.12BJ	6
Barium	26B	27B	2,000
Chromium	0.89J	0.81J	50
Cobalt	0.32BJ	0.38BJ	2
Copper	0.92J	0.84J	1,000
Lead	0.28J	0.28J	15
Mercury	BDL	BDL	1.05
Nickel	0.51J	0.59J	100
Silver	BDL	0.011J	17.5
Vanadium	4J	3.7J	25
Zinc	8.5BJ	8.4BJ	1,050

Notes:
Surface water samples collected on March 7, 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 Cayce, 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: **IC09017**
Date Completed: **04/01/2007**

Kelly M. Maberry
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: IC09017

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 VOCs
Acetone, chloroform and methylene chloride were detected in the trip blank due to contamination from the DI water used to make the blanks.

Inorganic Metals
The MS/MSD associated with sample -001 had several metals recovered outside of the acceptance limits. The LCS/LCSD had all metals recovered within the required acceptance limits, therefore no corrective action was required.

Sample Summary
Buxton Environmental
Lot Number: IC09017

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	03/07/2007 1330	03/08/2007
002	MW-2	Aqueous	03/07/2007 1600	03/08/2007
003	MW-3	Aqueous	03/07/2007 1620	03/08/2007
004	MW-4	Aqueous	03/07/2007 1700	03/08/2007
005	MW-5	Aqueous	03/07/2007 1720	03/08/2007
006	MW-6	Aqueous	03/07/2007 1350	03/08/2007
007	MW-7A	Aqueous	03/07/2007 1445	03/08/2007
008	MW-7B	Aqueous	03/07/2007 1515	03/08/2007
009	MW-8A	Aqueous	03/07/2007 1530	03/08/2007
010	MW-8B	Aqueous	03/07/2007 1545	03/08/2007
011	MW-9	Aqueous	03/07/2007 1300	03/08/2007
012	SW-1	Aqueous	03/07/2007 1415	03/08/2007
013	SW-2	Aqueous	03/07/2007 1645	03/08/2007
014	Trip Blank	Aqueous	03/07/2007 0800	03/08/2007

(14 samples)

Executive Summary
Buxton Environmental
Lot Number: IC09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Acetone	8260B	1.3	J	ug/L	9
001	MW-1	Aqueous	Tetrachloroethene	8260B	1.8		ug/L	9
001	MW-1	Aqueous	Antimony	6020	0.74	BJ	ug/L	10
001	MW-1	Aqueous	Barium	6020	360	B	ug/L	10
001	MW-1	Aqueous	Beryllium	6020	2.0		ug/L	10
001	MW-1	Aqueous	Cadmium	6020	0.60		ug/L	10
001	MW-1	Aqueous	Chromium	6020	9.3		ug/L	10
001	MW-1	Aqueous	Cobalt	6020	12	B	ug/L	10
001	MW-1	Aqueous	Copper	6020	16		ug/L	10
001	MW-1	Aqueous	Lead	6020	8.4		ug/L	10
001	MW-1	Aqueous	Nickel	6020	5.7		ug/L	10
001	MW-1	Aqueous	Silver	6020	0.42	BJ	ug/L	10
001	MW-1	Aqueous	Thallium	6020	0.62		ug/L	10
001	MW-1	Aqueous	Vanadium	6020	26		ug/L	10
001	MW-1	Aqueous	Zinc	6020	93	B	ug/L	10
001	MW-1	Aqueous	Mercury	7470A	0.00019		mg/L	10
002	MW-2	Aqueous	Acetone	8260B	1.6	J	ug/L	11
002	MW-2	Aqueous	Chloroethane	8260B	1.8	J	ug/L	11
002	MW-2	Aqueous	Chloromethane (Methyl chloride)	8260B	1.4		ug/L	11
002	MW-2	Aqueous	1,2-Dichlorobenzene	8260B	2.8		ug/L	11
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	2.6		ug/L	11
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	120		ug/L	11
002	MW-2	Aqueous	1,2-Dichloroethane	8260B	1.6		ug/L	11
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	13		ug/L	11
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	54		ug/L	11
002	MW-2	Aqueous	trans-1,2-Dichloroethene	8260B	1.9		ug/L	11
002	MW-2	Aqueous	1,2-Dichloropropane	8260B	5.0		ug/L	11
002	MW-2	Aqueous	Tetrachloroethene	8260B	31		ug/L	11
002	MW-2	Aqueous	1,1,1-Trichloroethane	8260B	1.2		ug/L	11
002	MW-2	Aqueous	Trichloroethene	8260B	44		ug/L	11
002	MW-2	Aqueous	Vinyl chloride	8260B	5.6		ug/L	12
002	MW-2	Aqueous	Antimony	6020	0.19	BJ	ug/L	12
002	MW-2	Aqueous	Barium	6020	140	B	ug/L	12
002	MW-2	Aqueous	Beryllium	6020	0.070	J	ug/L	12
002	MW-2	Aqueous	Cadmium	6020	0.47		ug/L	12
002	MW-2	Aqueous	Chromium	6020	1.1	J	ug/L	12
002	MW-2	Aqueous	Cobalt	6020	7.0	B	ug/L	12
002	MW-2	Aqueous	Copper	6020	1.6		ug/L	12
002	MW-2	Aqueous	Lead	6020	1.2		ug/L	12
002	MW-2	Aqueous	Nickel	6020	8.7		ug/L	12
002	MW-2	Aqueous	Silver	6020	0.24	BJ	ug/L	12
002	MW-2	Aqueous	Vanadium	6020	3.1	J	ug/L	12
002	MW-2	Aqueous	Zinc	6020	22	B	ug/L	12
003	MW-3	Aqueous	Acetone	8260B	1.9	J	ug/L	13
003	MW-3	Aqueous	Antimony	6020	0.22	BJ	ug/L	14

Executive Summary (Continued)

Lot Number: IC09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	MW-3	Aqueous	Barium	6020	150	B	ug/L	14
003	MW-3	Aqueous	Beryllium	6020	0.46		ug/L	14
003	MW-3	Aqueous	Cadmium	6020	0.43		ug/L	14
003	MW-3	Aqueous	Chromium	6020	13		ug/L	14
003	MW-3	Aqueous	Cobalt	6020	7.3	B	ug/L	14
003	MW-3	Aqueous	Copper	6020	19		ug/L	14
003	MW-3	Aqueous	Lead	6020	2.1		ug/L	14
003	MW-3	Aqueous	Nickel	6020	8.1		ug/L	14
003	MW-3	Aqueous	Silver	6020	0.38	BJ	ug/L	14
003	MW-3	Aqueous	Thallium	6020	0.11	J	ug/L	14
003	MW-3	Aqueous	Vanadium	6020	38		ug/L	14
003	MW-3	Aqueous	Zinc	6020	34	B	ug/L	14
004	MW-4	Aqueous	Acetone	8260B	1.5	J	ug/L	15
004	MW-4	Aqueous	Benzene	8260B	1.6		ug/L	15
004	MW-4	Aqueous	Chloroethane	8260B	4.3		ug/L	15
004	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.7		ug/L	15
004	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	10		ug/L	15
004	MW-4	Aqueous	1,1-Dichloroethane	8260B	65		ug/L	15
004	MW-4	Aqueous	1,2-Dichloroethane	8260B	1.6		ug/L	15
004	MW-4	Aqueous	1,1-Dichloroethene	8260B	1.0		ug/L	15
004	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	380		ug/L	15
004	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	3.1		ug/L	15
004	MW-4	Aqueous	1,2-Dichloropropane	8260B	2.2		ug/L	15
004	MW-4	Aqueous	Trichloroethene	8260B	14		ug/L	15
004	MW-4	Aqueous	Vinyl chloride	8260B	20		ug/L	16
004	MW-4	Aqueous	Antimony	6020	0.32	BJ	ug/L	16
004	MW-4	Aqueous	Arsenic	6020	0.41	J	ug/L	16
004	MW-4	Aqueous	Barium	6020	100	B	ug/L	16
004	MW-4	Aqueous	Cadmium	6020	0.35		ug/L	16
004	MW-4	Aqueous	Chromium	6020	0.52	J	ug/L	16
004	MW-4	Aqueous	Cobalt	6020	120	B	ug/L	16
004	MW-4	Aqueous	Copper	6020	4.6		ug/L	16
004	MW-4	Aqueous	Lead	6020	0.29	J	ug/L	16
004	MW-4	Aqueous	Nickel	6020	5.2		ug/L	16
004	MW-4	Aqueous	Selenium	6020	0.27	J	ug/L	16
004	MW-4	Aqueous	Silver	6020	0.27	BJ	ug/L	16
004	MW-4	Aqueous	Vanadium	6020	3.9	J	ug/L	16
004	MW-4	Aqueous	Zinc	6020	16	B	ug/L	16
005	MW-5	Aqueous	Acetone	8260B	1.5	J	ug/L	17
005	MW-5	Aqueous	Antimony	6020	0.68	BJ	ug/L	18
005	MW-5	Aqueous	Barium	6020	130	B	ug/L	18
005	MW-5	Aqueous	Beryllium	6020	0.31	J	ug/L	18
005	MW-5	Aqueous	Cadmium	6020	0.30		ug/L	18
005	MW-5	Aqueous	Chromium	6020	11		ug/L	18
005	MW-5	Aqueous	Cobalt	6020	3.7	BJ	ug/L	18
005	MW-5	Aqueous	Copper	6020	16		ug/L	18
005	MW-5	Aqueous	Lead	6020	3.4		ug/L	18
005	MW-5	Aqueous	Nickel	6020	4.6	J	ug/L	18

Executive Summary (Continued)

Lot Number: IC09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
005	MW-5	Aqueous	Silver	6020	0.32	BJ	ug/L	18
005	MW-5	Aqueous	Thallium	6020	0.092	J	ug/L	18
005	MW-5	Aqueous	Vanadium	6020	35		ug/L	18
005	MW-5	Aqueous	Zinc	6020	23	B	ug/L	18
006	MW-6	Aqueous	Antimony	6020	0.14	BJ	ug/L	20
006	MW-6	Aqueous	Barium	6020	77	B	ug/L	20
006	MW-6	Aqueous	Beryllium	6020	0.059	J	ug/L	20
006	MW-6	Aqueous	Cadmium	6020	0.16		ug/L	20
006	MW-6	Aqueous	Chromium	6020	0.37	J	ug/L	20
006	MW-6	Aqueous	Cobalt	6020	2.6	BJ	ug/L	20
006	MW-6	Aqueous	Copper	6020	0.52	J	ug/L	20
006	MW-6	Aqueous	Lead	6020	0.30	J	ug/L	20
006	MW-6	Aqueous	Nickel	6020	1.0	J	ug/L	20
006	MW-6	Aqueous	Silver	6020	0.11	BJ	ug/L	20
006	MW-6	Aqueous	Vanadium	6020	1.9	J	ug/L	20
006	MW-6	Aqueous	Zinc	6020	17	B	ug/L	20
007	MW-7A	Aqueous	1,1-Dichloroethane	8260B	2.2		ug/L	21
007	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	2.1		ug/L	21
007	MW-7A	Aqueous	Tetrachloroethene	8260B	4.9		ug/L	21
007	MW-7A	Aqueous	Trichloroethene	8260B	1.0		ug/L	21
007	MW-7A	Aqueous	Antimony	6020	0.25	BJ	ug/L	22
007	MW-7A	Aqueous	Barium	6020	340	B	ug/L	22
007	MW-7A	Aqueous	Beryllium	6020	0.80		ug/L	22
007	MW-7A	Aqueous	Cadmium	6020	0.74		ug/L	22
007	MW-7A	Aqueous	Chromium	6020	9.5		ug/L	22
007	MW-7A	Aqueous	Cobalt	6020	16	B	ug/L	22
007	MW-7A	Aqueous	Copper	6020	25		ug/L	22
007	MW-7A	Aqueous	Lead	6020	2.2		ug/L	22
007	MW-7A	Aqueous	Nickel	6020	7.6		ug/L	22
007	MW-7A	Aqueous	Silver	6020	0.60	BJ	ug/L	22
007	MW-7A	Aqueous	Thallium	6020	0.18	J	ug/L	22
007	MW-7A	Aqueous	Vanadium	6020	71		ug/L	22
007	MW-7A	Aqueous	Zinc	6020	94	B	ug/L	22
007	MW-7A	Aqueous	Mercury	7470A	0.0015		mg/L	22
008	MW-7B	Aqueous	Acetone	8260B	1.2	J	ug/L	23
008	MW-7B	Aqueous	Benzene	8260B	2.3		ug/L	23
008	MW-7B	Aqueous	Chloroethane	8260B	1.4	J	ug/L	23
008	MW-7B	Aqueous	1,1-Dichloroethane	8260B	7.2		ug/L	23
008	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	9.3		ug/L	23
008	MW-7B	Aqueous	Tetrachloroethene	8260B	7.7		ug/L	23
008	MW-7B	Aqueous	Trichloroethene	8260B	2.6		ug/L	23
008	MW-7B	Aqueous	Vinyl chloride	8260B	1.2		ug/L	24
008	MW-7B	Aqueous	Barium	6020	97	B	ug/L	24
008	MW-7B	Aqueous	Cadmium	6020	0.26		ug/L	24
008	MW-7B	Aqueous	Cobalt	6020	0.21	BJ	ug/L	24
008	MW-7B	Aqueous	Copper	6020	0.31	J	ug/L	24
008	MW-7B	Aqueous	Lead	6020	0.067	J	ug/L	24
008	MW-7B	Aqueous	Nickel	6020	1.1	J	ug/L	24

Executive Summary (Continued)

Lot Number: IC09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
008	MW-7B	Aqueous	Silver	6020	0.13	BJ	ug/L	24
008	MW-7B	Aqueous	Zinc	6020	8.3	BJ	ug/L	24
008	MW-7B	Aqueous	Mercury	7470A	0.00024		mg/L	24
009	MW-8A	Aqueous	Antimony	6020	0.11	BJ	ug/L	26
009	MW-8A	Aqueous	Barium	6020	14	B	ug/L	26
009	MW-8A	Aqueous	Cadmium	6020	0.35		ug/L	26
009	MW-8A	Aqueous	Chromium	6020	0.62	J	ug/L	26
009	MW-8A	Aqueous	Cobalt	6020	0.044	BJ	ug/L	26
009	MW-8A	Aqueous	Lead	6020	0.071	J	ug/L	26
009	MW-8A	Aqueous	Silver	6020	0.15	BJ	ug/L	26
009	MW-8A	Aqueous	Vanadium	6020	2.4	J	ug/L	26
009	MW-8A	Aqueous	Zinc	6020	12	B	ug/L	26
010	MW-8B	Aqueous	Antimony	6020	0.37	BJ	ug/L	28
010	MW-8B	Aqueous	Barium	6020	880	B	ug/L	28
010	MW-8B	Aqueous	Beryllium	6020	2.9		ug/L	28
010	MW-8B	Aqueous	Cadmium	6020	1.0		ug/L	28
010	MW-8B	Aqueous	Chromium	6020	5.6		ug/L	28
010	MW-8B	Aqueous	Cobalt	6020	30	B	ug/L	28
010	MW-8B	Aqueous	Copper	6020	13		ug/L	28
010	MW-8B	Aqueous	Lead	6020	8.6		ug/L	28
010	MW-8B	Aqueous	Nickel	6020	3.6	J	ug/L	28
010	MW-8B	Aqueous	Silver	6020	0.77	BJ	ug/L	28
010	MW-8B	Aqueous	Thallium	6020	0.61		ug/L	28
010	MW-8B	Aqueous	Vanadium	6020	42		ug/L	28
010	MW-8B	Aqueous	Zinc	6020	230	B	ug/L	28
011	MW-9	Aqueous	Antimony	6020	0.25	BJ	ug/L	30
011	MW-9	Aqueous	Barium	6020	120	B	ug/L	30
011	MW-9	Aqueous	Beryllium	6020	0.60		ug/L	30
011	MW-9	Aqueous	Cadmium	6020	0.35		ug/L	30
011	MW-9	Aqueous	Chromium	6020	8.2		ug/L	30
011	MW-9	Aqueous	Cobalt	6020	11	B	ug/L	30
011	MW-9	Aqueous	Copper	6020	7.0		ug/L	30
011	MW-9	Aqueous	Lead	6020	2.5		ug/L	30
011	MW-9	Aqueous	Nickel	6020	7.2		ug/L	30
011	MW-9	Aqueous	Silver	6020	0.23	BJ	ug/L	30
011	MW-9	Aqueous	Vanadium	6020	22		ug/L	30
011	MW-9	Aqueous	Zinc	6020	35	B	ug/L	30
012	SW-1	Aqueous	Acetone	8260B	2.4	J	ug/L	31
012	SW-1	Aqueous	Barium	6020	26	B	ug/L	32
012	SW-1	Aqueous	Chromium	6020	0.89	J	ug/L	32
012	SW-1	Aqueous	Cobalt	6020	0.32	BJ	ug/L	32
012	SW-1	Aqueous	Copper	6020	0.92	J	ug/L	32
012	SW-1	Aqueous	Lead	6020	0.28	J	ug/L	32
012	SW-1	Aqueous	Nickel	6020	0.51	J	ug/L	32
012	SW-1	Aqueous	Vanadium	6020	4.0	J	ug/L	32
012	SW-1	Aqueous	Zinc	6020	8.5	BJ	ug/L	32
013	SW-2	Aqueous	Acetone	8260B	2.2	J	ug/L	33
013	SW-2	Aqueous	Antimony	6020	0.12	BJ	ug/L	34

Executive Summary (Continued)

Lot Number: IC09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
013	SW-2	Aqueous	Barium	6020	27	B	ug/L	34
013	SW-2	Aqueous	Chromium	6020	0.81	J	ug/L	34
013	SW-2	Aqueous	Cobalt	6020	0.38	BJ	ug/L	34
013	SW-2	Aqueous	Copper	6020	0.84	J	ug/L	34
013	SW-2	Aqueous	Lead	6020	0.28	J	ug/L	34
013	SW-2	Aqueous	Nickel	6020	0.59	J	ug/L	34
013	SW-2	Aqueous	Silver	6020	0.011	BJ	ug/L	34
013	SW-2	Aqueous	Vanadium	6020	3.7	J	ug/L	34
013	SW-2	Aqueous	Zinc	6020	8.4	BJ	ug/L	34
014	Trip Blank	Aqueous	Acetone	8260B	2.2	J	ug/L	35
014	Trip Blank	Aqueous	Bromoform	8260B	1.5		ug/L	35
014	Trip Blank	Aqueous	Carbon tetrachloride	8260B	0.16	J	ug/L	35
014	Trip Blank	Aqueous	trans-1,4-Dichloro-2-butene	8260B	7.7		ug/L	35
014	Trip Blank	Aqueous	cis-1,2-Dichloroethene	8260B	0.89	J	ug/L	35
014	Trip Blank	Aqueous	Methylene chloride	8260B	0.73	J	ug/L	35

(204 detections)

Client: **Buxton Environmental**
Description: **MW-1**
Date Sampled: **03/07/2007 1330**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1805	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**1.3**	**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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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**	**1.8**		**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

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

Client: **Buxton Environmental**	Laboratory ID: **IC09017-001**
Description: **MW-1**	Matrix: **Aqueous**
Date Sampled: **03/07/2007 1330**	
Date Received: **03/08/2007**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1805	CMS		53976

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		97	70-147
Toluene-d8		101	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0535	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	0.74	BJ	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020	360	B	5.0	0.046	ug/L	1
Beryllium	7440-41-7	6020	2.0		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020	0.60		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020	9.3		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020	12	B	5.0	0.029	ug/L	1
Copper	7440-50-8	6020	16		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	8.4		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	5.7		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	0.42	BJ	1.0	0.011	ug/L	1
Thallium	7440-28-0	6020	0.62		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	26		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020	93	B	10	1.4	ug/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1449	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.00019		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **03/07/2007 1600**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-002**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1827	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**1.6**	**J**	**20**	**1.2**	**ug/L**	**1**
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.15	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	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**	**1.8**	**J**	**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**	**1.4**		**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**	**2.8**		**1.0**	**0.30**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**2.6**		**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**	**1.6**		**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**	**54**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**1.9**		**1.0**	**0.21**	**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**	**31**		**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**	**1.2**		**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**	**44**		**1.0**	**0.18**	**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

Client: **Buxton Environmental**
Description: **MW-2**
Date Sampled: **03/07/2007 1600**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-002**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1827	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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**	**5.6**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	52-138
Bromofluorobenzene		98	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0629	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.19**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**140**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.070**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.47**		**0.10**	**0.069**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**1.1**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**7.0**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**1.6**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**1.2**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**8.7**		**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**	**0.24**	**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**	**3.1**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**22**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1450	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **03/07/2007 1620**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1849	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**1.9**	**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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **MW-3**
Date Sampled: **03/07/2007 1620**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1849	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		98	52-138
Bromofluorobenzene		96	70-147
Toluene-d8		99	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0657	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.22**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**150**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.46**		**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.43**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**13**		**5.0**	**0.36**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**7.3**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**19**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**2.1**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**8.1**		**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**	**0.38**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	**7440-28-0**	**6020**	**0.11**	**J**	**0.50**	**0.076**	**ug/L**	**1**
Vanadium	**7440-62-2**	**6020**	**38**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**34**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1453	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-4**
Date Sampled: **03/07/2007 1700**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1910	CMS		53976

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**	**1.6**		**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**	**4.3**		**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**	**10**		**1.0**	**0.20**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**65**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.6**		**1.0**	**0.15**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**1.0**		**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**380**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**3.1**		**1.0**	**0.21**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**2.2**		**1.0**	**0.19**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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**	**14**		**1.0**	**0.18**	**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

Client: **Buxton Environmental**	Laboratory ID: **IC09017-004**
Description: **MW-4**	Matrix: **Aqueous**
Date Sampled: **03/07/2007 1700**	
Date Received: **03/08/2007**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1910	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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**	**20**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		96	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0738	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.32**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020**	**0.41**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020**	**100**	**B**	**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**	**0.35**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**0.52**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**120**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**4.6**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**0.29**	**J**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**5.2**		**5.0**	**0.28**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020**	**0.27**	**J**	**1.0**	**0.25**	**ug/L**	**1**
Silver	**7440-22-4**	**6020**	**0.27**	**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**	**3.9**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**16**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1454	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/07/2007 1720**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-005**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1932	CMS		53976

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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/07/2007 1720**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-005**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1932	CMS		53976

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		96	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0751	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.68**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**130**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.31**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.30**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**11**		**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**3.7**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**16**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**3.4**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**4.6**	**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**	**0.32**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	**7440-28-0**	**6020**	**0.092**	**J**	**0.50**	**0.076**	**ug/L**	**1**
Vanadium	**7440-62-2**	**6020**	**35**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**23**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1455	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-6**
Date Sampled: **03/07/2007 1350**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1954	CMS		53976

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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**	Laboratory ID: **IC09017-006**
Description: **MW-6**	Matrix: **Aqueous**
Date Sampled: **03/07/2007 1350**	
Date Received: **03/08/2007**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 1954	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		97	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		99	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0805	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.14**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**77**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.059**	**J**	**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.16**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**0.37**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**2.6**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.52**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**0.30**	**J**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**1.0**	**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**	**0.11**	**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**	**1.9**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**17**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1456	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **03/07/2007 1445**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-007**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2016	CMS		53976

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**	**2.2**		**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**2.1**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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**	**4.9**		**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**	**1.0**		**1.0**	**0.18**	**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

Client: **Buxton Environmental**
Description: **MW-7A**
Date Sampled: **03/07/2007 1445**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-007**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2016	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		98	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0819	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020	0.25	BJ	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020	340	B	5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020	0.80		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020	0.74		0.10	0.059	ug/L	1
Chromium	7440-47-3	6020	9.5		5.0	0.36	ug/L	1
Cobalt	7440-48-4	6020	16	B	5.0	0.029	ug/L	1
Copper	7440-50-8	6020	25		1.0	0.15	ug/L	1
Lead	7439-92-1	6020	2.2		1.0	0.047	ug/L	1
Nickel	7440-02-0	6020	7.8		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	0.60	BJ	1.0	0.011	ug/L	1
Thallium	7440-28-0	6020	0.18	J	0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020	71		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020	94	B	10	1.4	ug/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1501	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.0015		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **03/07/2007 1515**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-008**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2037	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**1.2**	**J**	**20**	**1.2**	**ug/L**	**1**
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**2.3**		**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**	**1.4**	**J**	**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**	**7.2**		**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**	**9.3**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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**	**7.7**		**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**	**2.6**		**1.0**	**0.18**	**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

Client: **Buxton Environmental**
Description: **MW-7B**
Date Sampled: **03/07/2007 1515**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-008**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2037	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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**	**1.2**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0832	FTS	03/12/2007 2000	54053

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	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**97**	**B**	**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**	**0.26**		**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**	**0.21**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.31**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**0.067**	**J**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**1.1**	**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**	**0.13**	**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**	**8.3**	**BJ**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1503	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00024**		**0.00010**	**0.000060**	**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

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **03/07/2007 1530**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2059	CMS		53976

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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **MW-8A**
Date Sampled: **03/07/2007 1530**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2059	CMS		53976

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		101	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0846	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.11**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**14**	**B**	**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**	**0.35**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**0.62**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**0.044**	**BJ**	**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**	**0.071**	**J**	**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**	**0.15**	**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**	**2.4**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**12**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1504	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-8B**
Date Sampled: **03/07/2007 1545**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-010**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2121	CMS		53976

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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **MW-8B**
Date Sampled: **03/07/2007 1545**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-010**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2121	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		97	52-138
Bromofluorobenzene		93	70-147
Toluene-d8		98	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0859	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.37**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**880**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**2.9**		**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**1.0**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**5.6**		**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**30**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**13**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**8.6**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**3.6**	**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**	**0.77**	**BJ**	**1.0**	**0.011**	**ug/L**	**1**
Thallium	**7440-28-0**	**6020**	**0.61**		**0.50**	**0.076**	**ug/L**	**1**
Vanadium	**7440-62-2**	**6020**	**42**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**230**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1505	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/07/2007 1300**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-011**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2143	CMS		53978

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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **MW-9**
Date Sampled: **03/07/2007 1300**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-011**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2143	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		97	52-138
Bromofluorobenzene		93	70-147
Toluene-d8		98	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0913	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.25**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**120**	**B**	**5.0**	**0.045**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020**	**0.60**		**0.40**	**0.028**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020**	**0.35**		**0.10**	**0.059**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020**	**8.2**		**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**11**	**B**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**7.0**		**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**2.5**		**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**7.2**		**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**	**0.23**	**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**	**22**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**35**	**B**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1506	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **03/07/2007 1415**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2205	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**2.4**	**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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **SW-1**
Date Sampled: **03/07/2007 1415**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2205	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		98	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0927	FTS	03/12/2007 2000	54053

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	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**26**	**B**	**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**	**0.89**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**0.32**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.92**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**0.28**	**J**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**0.51**	**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	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**	**4.0**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**8.5**	**BJ**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1507	FLW	03/12/2007 1732	54047

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **SW-2**
Date Sampled: **03/07/2007 1645**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-013**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2227	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**2.2**	**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	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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

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

Client: **Buxton Environmental**
Description: **SW-2**
Date Sampled: **03/07/2007 1645**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-013**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2227	CMS		53976

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		97	52-138
Bromofluorobenzene		93	70-147
Toluene-d8		100	76-125

Appendix I ICP-MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020	1	03/31/2007 0941	FTS	03/12/2007 2000	54053

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020**	**0.12**	**BJ**	**1.0**	**0.097**	**ug/L**	**1**
Arsenic	7440-38-2	6020	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020**	**27**	**B**	**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**	**0.81**	**J**	**5.0**	**0.35**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020**	**0.38**	**BJ**	**5.0**	**0.029**	**ug/L**	**1**
Copper	**7440-50-8**	**6020**	**0.84**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020**	**0.28**	**J**	**1.0**	**0.047**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020**	**0.59**	**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**	**0.011**	**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**	**3.7**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020**	**8.4**	**BJ**	**10**	**1.4**	**ug/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/13/2007 1512	FLW	03/12/2007 1732	54048

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000060	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

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **03/07/2007 0800**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-014**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2248	CMS		54121

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**2.2**	**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**	**1.5**		**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**	**0.16**	**J**	**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**	**7.7**		**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**	**0.89**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	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**	**0.73**	**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	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

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

Client: **Buxton Environmental**
Description: **Trip Blank**
Date Sampled: **03/07/2007 0800**
Date Received: **03/08/2007**

Laboratory ID: **IC09017-014**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/09/2007 2248	CMS		54121

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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
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		91	70-147
Toluene-d8		99	76-125

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

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

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

SHEALY Chain of Custody Record

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

Number 72545

Client: Buttons Environmental	Report to Contact: Ross Klingman	Telephone No. / Fax No. / E-mail: 704-341-1450	Quote No.
Address: 1101 South Island St #101	Sampler's Signature: X	Waybill No.	Page 1 of
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.
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																Remarks / Cooler I.D.
MW-1	3-7-07	13:30	G	✓													✓	✓										
MW-2	"	16:00	G	✓													✓	✓										
MW-3	"	16:20	G	✓													✓	✓										
MW-4	"	17:00	G	✓													✓	✓										
MW-5	"	17:20	G	✓													✓	✓										
MW-6	"	13:50	G	✓													✓	✓										
MW-7A	"	14:45	G	✓													✓	✓										
MW-7B	"	15:15	G	✓													✓	✓										
MW-8A	"	15:30	G	✓													✓	✓										
MW-8B	"	15:45	G	✓													✓	✓										
MW-9	"	13:00	G	✓													✓	✓										
SW-1	"	14:15	G	✓													✓	✓										
SW-2	"	16:45	G	✓													✓	✓										
TRIP BLANK	"	8:00	G	✓													✓											

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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

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

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

QC Requirements (Specify): ANALYZE PER NEW NC SOLID WASTE Rules *

	Date	Time		Date	Time
1. Relinquished by	3-8-07	9:05	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Laboratory received by		

Comments

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

Receipt Temp. _____ °C

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