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FIRST SEMI-ANNUAL 2006
GROUNDWATER AND SURFACE WATER MONITORING EVENT
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

Prepared for:

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April 13, 2006

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ALAMANCE COUNTY, NORTH CAROLINA

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FIRST SEMI-ANNUAL 2006
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CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the first semi-annual 2006 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 groundwater monitoring activities were conducted in general accordance with the North Carolina Department of Environment and Natural Resources, Solid Waste Management Division (NCSWM) guidelines. A summary of background information, and the methods, results, conclusions and recommendations of this investigation are outlined below.

2.0 BACKGROUND INFORMATION

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 Quality Standards (NCGQS).

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On March 9, 2006, Buxton Environmental, Inc. conducted the first semi-annual 2006 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 6010B and 7841, 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 2006 event are presented in Tables 2 and 3, respectively. Laboratory data sheets are presented in Appendix A.

Groundwater samples collected at monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7A, MW-7B, MW-8B and MW-9 indicated the presence of target constituents above the NCGQS, which are summarized below. Groundwater sample MW-1 indicated the presence of 1.9 micrograms per liter (ug/l) tetrachloroethene and 13 ug/l vanadium. Groundwater sample MW-2 indicated the presence of 3.1 ug/l 1,4-dichlorobenzene, 130 ug/l 1,1-dichloroethane, 2 ug/l 1,2-dichloroethane, 14 ug/l 1,1-dichloroethene, 5.4 ug/l 1,2-dichloropropane, 34 ug/l tetrachloroethene, 47 ug/l trichloroethene, 6.7 ug/l vinyl chloride, 2.6 ug/l beryllium, 70 ug/l chromium, 39 ug/l cobalt, 260 ug/l lead and 290 ug/l vanadium. Groundwater sample MW-3 indicated the presence of 16 ug/l cobalt and 94 ug/l vanadium. Groundwater sample MW-4 indicated the presence of 2.5 ug/l benzene, 8.4 ug/l 1,4-dichlorobenzene, 74 ug/l 1,1-dichloroethane, 1.9 ug/l 1,2-dichloroethane, 330 ug/l cis-1,2-dichloroethene, 2.4 ug/l 1,2-dichloropropane, 26 ug/l trichloroethene, 19 ug/l vinyl chloride,130 ug/l cobalt and 13 ug/l vanadium. Groundwater sample MW-5 indicated the presence of 63 ug/l vanadium. Groundwater sample MW-7A indicated the presence of 4.8 ug/l tetrachloroethene, 4.2 ug/l beryllium, 32 ug/l cobalt, 1.4 ug/l mercury and 180 ug/l vanadium. Groundwater sample MW-7B indicated the presence of 2.5 ug/l benzene, 7.3 ug/l tetrachloroethene and 2.8 ug/l trichloroethene. Groundwater sample MW-8B indicated the presence of 1.2 ug/l beryllium and 21 ug/l vanadium. Groundwater sample MW-9 indicated the presence of 2.9 ug/l beryllium, 38 ug/l cobalt and 77 ug/l vanadium. The remaining groundwater samples did not indicate target constituents above the NCGQS.

Surface water samples SW-1 and SW-2 did not indicate target constituents above method detection limits.

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

5.0 CONCLUSIONS

On March 9, 2006, Buxton Environmental, Inc. conducted the first semi-annual 2006 groundwater and surface water monitoring activities at the closed Swepsonville Landfill located in Alamance County, North Carolina. A summary of the findings of this investigation is provided below.

- Groundwater samples collected at MW-1, MW-2, MW-3, MW-4, MW-5, MW-7A, MW-7B, MW-8B and MW-9 indicated target constituents above the NCGQS.

- Surface water samples collected during the assessment did not indicate target constituents above method detection limits.

6.0 RECOMMENDATIONS

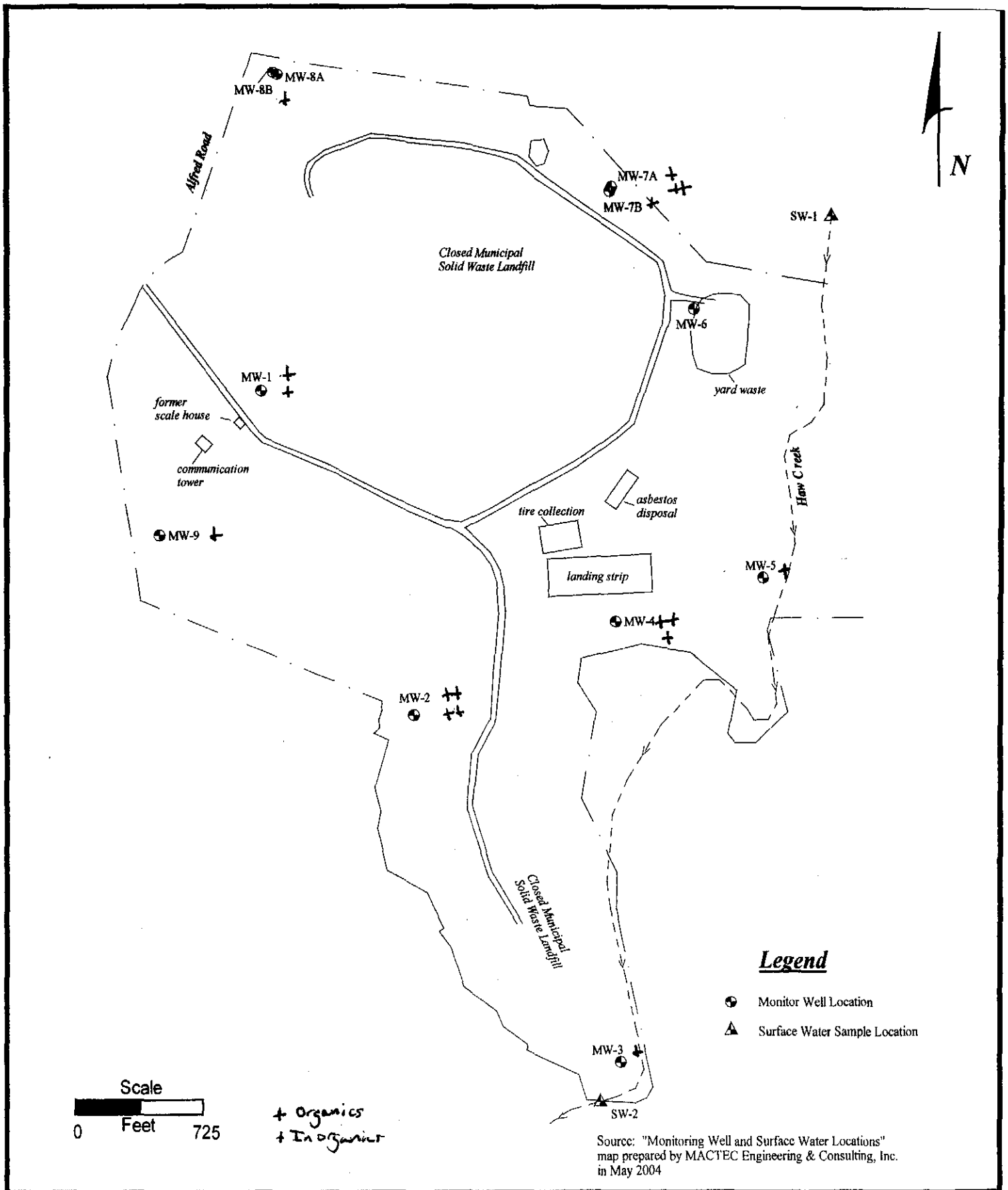
Based on the findings of this assessment, Buxton Environmental, Inc. makes the following recommendations.

- 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 2006.

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

rk:reports:swepsonville.306

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 9, 2006

Well ID	*TD BTOC (ft)*	*TOC Elevation (ft)*	*DTW BTOC (ft)*	*DTW Elevation (ft)*
[redacted]				
MW-1	33.00	574.67	22.19	552.48
MW-2	29.90	510.67	26.69	483.98
MW-3	24.10	466.63	9.55	457.08
MW-4	50.00	497.57	33.43	464.14
MW-5	19.00	476.56	9.68	466.88
MW-6	50.00	529.50	21.31	508.19
MW-7A	31.05	554.12	21.05	533.07
MW-7B	64.02	553.09	23.04	530.05
MW-8A	65.00	591.08	23.72	567.36
MW-8B	26.00	591.25	23.09	568.16
MW-9	27.50	568.78	17.5	551.28

Notes:
Depth to water measurements obtained on March 9, 2006 to the nearest 0.01 foot with a depth to water meter.
TD=total depth;BTOC=below top of casing;TOC=top of casing;DTW=depth to water;ft=feet
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 9, 2006

Sample ID	***Field Parameters***		
	pH (standard units)	***K (uS)***	***T (fahrenheit)***
MW-1	7.4	80	62
MW-2	6.9	330	62
MW-3	7.6	90	58
MW-4	6.3	720	59
MW-5	7.8	200	58
MW-6	6.9	150	60
MW-7A	6.1	130	62
MW-7B	6.4	170	63
MW-8A	6.4	50	62
MW-8B	7.0	40	66
MW-9	7.6	60	59
SW-1	7.8	100	58
SW-2	7.3	110	56

Notes:
Groundwater field parameters collected on March 9, 2006 at monitor wells 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

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TABLE 3
GROUNDWATER ANALYTICAL DATA
CLOSED SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 9, 2006

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*
Volatile Organic Compounds												
Benzene	BDL	BDL	BDL	**2.5**	BDL	BDL	BDL	**[illegible]**	BDL	BDL	BDL	1
Chloroethane	BDL	BDL	BDL	2.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24
1,4-Dichlorobenzene	BDL	**3.1**	BDL	**8.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4
1,1-Dichloroethane	BDL	**130**	BDL	**74**	BDL	BDL	3.2	8	BDL	BDL	BDL	70
1,2-Dichloroethane	BDL	**2**	BDL	**1.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1-Dichloroethene	BDL	**14**	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
cis-1,2-Dichloroethene	BDL	65	BDL	**330**	BDL	BDL	4.2	9.4	BDL	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	1.8	BDL	3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	100
1,2-Dichloropropane	BDL	**5.4**	BDL	**2.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51
Tetrachloroethene	**1.9**	**34**	BDL	BDL	BDL	BDL	**[illegible]**	**[illegible]**	BDL	BDL	BDL	0.7
1,1,1-Trichloroethane	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200
Trichloroethene	BDL	**47**	BDL	**26**	BDL	BDL	1.4	**[illegible]**	BDL	BDL	BDL	2.8
Vinyl Chloride	BDL	**6.7**	BDL	**19**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Metals												
Barium	140	1,200	210	100	190	79	560	100	BDL	180	250	2,000
Beryllium	BDL	**2.6**	BDL	BDL	BDL	BDL	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	NS
Chromium	BDL	**70**	29	BDL	18	BDL	22	BDL	BDL	BDL	34	50
Cobalt	BDL	**39**	**16**	**[illegible]**	BDL	BDL	**[illegible]**	BDL	BDL	BDL	**[illegible]**	NS
Copper	BDL	71	32	BDL	27	BDL	48	BDL	BDL	BDL	20	1,000
Lead	BDL	**260**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Mercury	BDL	BDL	BDL	BDL	BDL	BDL	**[illegible]**	BDL	BDL	BDL	BDL	1.05
Nickel	BDL	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	100
Vanadium	**13**	**290**	**94**	**13**	**63**	BDL	**[illegible]**	BDL	BDL	**[illegible]**	**[illegible]**	NS
Zinc	BDL	240	61	BDL	54	BDL	190	BDL	BDL	81	98	1,050

Notes:
Groundwater samples collected on March 9, 2006 and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6010B and 7841, and mercury by EPA Method 7470A. Analyses by Shealy Environmental Services, Inc. in Cayce, SC.
NCGQS=North Carolina Groundwater Quality Standard
BDL=below detection limit; NS=no standard (the NCGQS is the detection limit)
Bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

TABLE 4
CLOSED SURFACE WATER ANALYTICAL DATA
SWEPSONVILLE LANDFILL
ALAMANCE COUNTY, NORTH CAROLINA
MARCH 9, 2006

Sample ID	***SW-1***	***SW-2***	***NCGQS***
Volatile Organic Counponds	BDL	BDL	NA
Metals	BDL	BDL	NA

Notes:
Surface water samples collected on March 9, 2006 and analyzed for Appendix I volatile organic compounds (VOC's) by EPA Method 8260B, Appendix I metals by EPA 6010B and 7841, and mercury by EPA Method 7470A. Analyses by Shealy Environmental Services, Inc. in Cayce, SC.
BDL=below detection limit; NA = not applicable
NCGQS=North Carolina Groundwater Quality Standard
Bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

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APPENDIX A
LABORATORY DATA SHEETS

Report of Analysis

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

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

Lot Number: **HC11021**
Date Completed: **03/30/2006**

Alison Bragan Edwards
Project Manager

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

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

Case Narrative
Buxton Environmental
Lot Number: HC11021

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.

Metals
The MS/MSD for sample -008 had mercury recovered outside of the acceptance limits. The MS/MSD RPD was within the 20% limit. The LCS/LCSD associated with this batch had mercury recovered within all of the required QC limits, therefore no corrective action was required.

Sample Summary
Buxton Environmental
Lot Number: HC11021

Sample Number	Sample ID	Matrix	Date Sampled
001	MW-1	Aqueous	03/09/2006 1730
002	MW-2	Aqueous	03/09/2006 1630
003	MW-3	Aqueous	03/09/2006 1650
004	MW-4	Aqueous	03/09/2006 1600
005	MW-5	Aqueous	03/09/2006 1545
006	MW-6	Aqueous	03/09/2006 1510
007	MW-7A	Aqueous	03/09/2006 1415
008	MW-7B	Aqueous	03/09/2006 1430
009	MW-8A	Aqueous	03/09/2006 1350
010	MW-8B	Aqueous	03/09/2006 1330
011	MW-9	Aqueous	03/09/2006 1800
012	SW-1	Aqueous	03/09/2006 1520
013	SW-2	Aqueous	03/09/2006 1700
014	TRIP BLANK	Aqueous	03/01/2006 0800

(14 samples)

Executive Summary
Buxton Environmental
Lot Number: HC11021

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Tetrachloroethene	8260B	1.9		ug/L	6
001	MW-1	Aqueous	Barium	6010B	0.14		mg/L	7
001	MW-1	Aqueous	Vanadium	6010B	0.013		mg/L	7
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	3.1		ug/L	9
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	130		ug/L	9
002	MW-2	Aqueous	1,2-Dichloroethane	8260B	2.0		ug/L	9
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	14		ug/L	9
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	65		ug/L	9
002	MW-2	Aqueous	trans-1,2-Dichloroethene	8260B	1.8		ug/L	9
002	MW-2	Aqueous	1,2-Dichloropropane	8260B	5.4		ug/L	9
002	MW-2	Aqueous	Tetrachloroethene	8260B	34		ug/L	9
002	MW-2	Aqueous	1,1,1-Trichloroethane	8260B	1.8		ug/L	9
002	MW-2	Aqueous	Trichloroethene	8260B	47		ug/L	9
002	MW-2	Aqueous	Vinyl chloride	8260B	6.7		ug/L	10
002	MW-2	Aqueous	Barium	6010B	1.2		mg/L	10
002	MW-2	Aqueous	Beryllium	6010B	0.0026		mg/L	10
002	MW-2	Aqueous	Chromium	6010B	0.070		mg/L	10
002	MW-2	Aqueous	Cobalt	6010B	0.039		mg/L	10
002	MW-2	Aqueous	Copper	6010B	0.071		mg/L	10
002	MW-2	Aqueous	Lead	6010B	0.26		mg/L	10
002	MW-2	Aqueous	Nickel	6010B	0.060		mg/L	10
002	MW-2	Aqueous	Vanadium	6010B	0.29		mg/L	10
002	MW-2	Aqueous	Zinc	6010B	0.24		mg/L	10
003	MW-3	Aqueous	Barium	6010B	0.21		mg/L	13
003	MW-3	Aqueous	Chromium	6010B	0.029		mg/L	13
003	MW-3	Aqueous	Cobalt	6010B	0.016		mg/L	13
003	MW-3	Aqueous	Copper	6010B	0.032		mg/L	13
003	MW-3	Aqueous	Vanadium	6010B	0.094		mg/L	13
003	MW-3	Aqueous	Zinc	6010B	0.061		mg/L	13
004	MW-4	Aqueous	Benzene	8260B	2.5		ug/L	15
004	MW-4	Aqueous	Chloroethane	8260B	2.5		ug/L	15
004	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.6		ug/L	15
004	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	8.4		ug/L	15
004	MW-4	Aqueous	1,1-Dichloroethane	8260B	74		ug/L	15
004	MW-4	Aqueous	1,2-Dichloroethane	8260B	1.9		ug/L	15
004	MW-4	Aqueous	1,1-Dichloroethene	8260B	1.3		ug/L	15
004	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	330		ug/L	15
004	MW-4	Aqueous	trans-1,2-Dichloroethene	8260B	3.5		ug/L	15
004	MW-4	Aqueous	1,2-Dichloropropane	8260B	2.4		ug/L	15
004	MW-4	Aqueous	Trichloroethene	8260B	26		ug/L	15
004	MW-4	Aqueous	Vinyl chloride	8260B	19		ug/L	16
004	MW-4	Aqueous	Barium	6010B	0.10		mg/L	16
004	MW-4	Aqueous	Cobalt	6010B	0.13		mg/L	16
004	MW-4	Aqueous	Vanadium	6010B	0.013		mg/L	16

Executive Summary (Continued)

Lot Number: HC11021

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
005	MW-5	Aqueous	Barium	6010B	0.19		mg/L	19
005	MW-5	Aqueous	Chromium	6010B	0.018		mg/L	19
005	MW-5	Aqueous	Copper	6010B	0.027		mg/L	19
005	MW-5	Aqueous	Vanadium	6010B	0.063		mg/L	19
005	MW-5	Aqueous	Zinc	6010B	0.054		mg/L	19
006	MW-6	Aqueous	Barium	6010B	0.079		mg/L	22
007	MW-7A	Aqueous	1,1-Dichloroethane	8260B	3.2		ug/L	23
007	MW-7A	Aqueous	cis-1,2-Dichloroethene	8260B	4.2		ug/L	23
007	MW-7A	Aqueous	Tetrachloroethene	8260B	4.8		ug/L	23
007	MW-7A	Aqueous	Trichloroethene	8260B	1.4		ug/L	23
007	MW-7A	Aqueous	Barium	6010B	0.56		mg/L	24
007	MW-7A	Aqueous	Beryllium	6010B	0.0042		mg/L	24
007	MW-7A	Aqueous	Chromium	6010B	0.022		mg/L	24
007	MW-7A	Aqueous	Cobalt	6010B	0.032		mg/L	24
007	MW-7A	Aqueous	Copper	6010B	0.048		mg/L	24
007	MW-7A	Aqueous	Vanadium	6010B	0.18		mg/L	24
007	MW-7A	Aqueous	Zinc	6010B	0.19		mg/L	24
007	MW-7A	Aqueous	Mercury	7470A	0.0014		mg/L	24
008	MW-7B	Aqueous	Benzene	8260B	2.5		ug/L	25
008	MW-7B	Aqueous	1,1-Dichloroethane	8260B	8.0		ug/L	25
008	MW-7B	Aqueous	cis-1,2-Dichloroethene	8260B	9.4		ug/L	25
008	MW-7B	Aqueous	Tetrachloroethene	8260B	7.3		ug/L	25
008	MW-7B	Aqueous	Trichloroethene	8260B	2.8		ug/L	25
008	MW-7B	Aqueous	Barium	6010B	0.10		mg/L	26
010	MW-8B	Aqueous	Barium	6010B	0.18		mg/L	30
010	MW-8B	Aqueous	Beryllium	6010B	0.0021		mg/L	30
010	MW-8B	Aqueous	Vanadium	6010B	0.021		mg/L	30
010	MW-8B	Aqueous	Zinc	6010B	0.081		mg/L	30
011	MW-9	Aqueous	Barium	6010B	0.25		mg/L	32
011	MW-9	Aqueous	Beryllium	6010B	0.0029		mg/L	32
011	MW-9	Aqueous	Chromium	6010B	0.034		mg/L	32
011	MW-9	Aqueous	Cobalt	6010B	0.038		mg/L	32
011	MW-9	Aqueous	Copper	6010B	0.020		mg/L	32
011	MW-9	Aqueous	Vanadium	6010B	0.077		mg/L	32
011	MW-9	Aqueous	Zinc	6010B	0.098		mg/L	32

(79 detections)

Client: Buxton Environmental

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

Date Sampled: **03/09/2006 1730**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0825	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**1.9**		**1.0**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

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

Date Sampled: **03/09/2006 1730**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0825	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		94	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/22/2006 2112	MNM	03/13/2006 1634	37420
1		7841	1	03/17/2006 1337	MNM	03/14/2006 1216	37481
2	3005A	6010B	1	03/24/2006 1526	MNM	03/13/2006 1634	37420

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.14**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	2
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.013**		**0.010**	**mg/L**	**1**
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1732	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run

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

Description: **MW-1**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1730**

Date Received: **03/10/2006**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1732	NMS	03/29/2006 1142	38045

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

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

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

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

Client: Buxton Environmental

Description: **MW-2**

Date Sampled: **03/09/2006 1630**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0848	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**3.1**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**130**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.0**		**1.0**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**14**		**1.0**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**65**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**1.8**		**1.0**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**5.4**		**1.0**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**34**		**1.0**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	**71-55-6**	**8260B**	**1.8**		**1.0**	**ug/L**	**1**
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**47**		**1.0**	**ug/L**	**1**

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

Description: **MW-2**

Date Sampled: **03/09/2006 1630**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0848	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**6.7**		**2.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	52-138
Bromofluorobenzene		91	70-147
Toluene-d8		96	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/22/2006 2148	MNM	03/13/2006 1634	37420
1		7841	1	03/17/2006 1344	MNM	03/14/2006 1216	37481
2	3005A	6010B	1	03/24/2006 1550	MNM	03/13/2006 1634	37420

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**1.2**		**0.025**	**mg/L**	**1**
Beryllium	**7440-41-7**	**6010B**	**0.0026**		**0.0020**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.070**		**0.0050**	**mg/L**	**1**
Cobalt	**7440-48-4**	**6010B**	**0.039**		**0.010**	**mg/L**	**1**
Copper	**7440-50-8**	**6010B**	**0.071**		**0.010**	**mg/L**	**1**
Lead	**7439-92-1**	**6010B**	**0.26**		**0.010**	**mg/L**	**1**
Nickel	**7440-02-0**	**6010B**	**0.060**		**0.040**	**mg/L**	**1**
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.29**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.24**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1734	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run

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

Client: Buxton Environmental | Laboratory ID: HC11021-002

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

Date Sampled: **03/09/2006 1630**

Date Received: **03/10/2006**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1734	NMS	03/29/2006 1142	38045

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

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

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

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

Client: Buxton Environmental

Description: **MW-3**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1650**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/15/2006 1227	CMS		37569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: Buxton Environmental
Laboratory ID: HC11021-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 03/09/2006 1650
Date Received: 03/10/2006

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/15/2006 1227	CMS		37569

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	52-138
Bromofluorobenzene		92	70-147
Toluene-d8		94	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/22/2006 2154	MNM	03/13/2006 1634	37420
1		7841	1	03/17/2006 1350	MNM	03/14/2006 1216	37481
2	3005A	6010B	1	03/24/2006 1556	MNM	03/13/2006 1634	37420

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.21**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.029**		**0.0050**	**mg/L**	**1**
Cobalt	**7440-48-4**	**6010B**	**0.016**		**0.010**	**mg/L**	**1**
Copper	**7440-50-8**	**6010B**	**0.032**		**0.010**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.094**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.061**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1735	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run

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

Client: Duxton Environmental

Description: **MW-3**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1650**

Date Received: **03/10/2006**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1735	NMS	03/29/2006 1142	38045

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

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

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

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

Client: Buxton Environmental

Description: **MW-4**

Date Sampled: **03/09/2006 1600**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/15/2006 1250	CMS		37569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**2.5**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	**75-00-3**	**8260B**	**2.5**		**2.0**	**ug/L**	**1**
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	**95-50-1**	**8260B**	**1.6**		**1.0**	**ug/L**	**1**
1,4-Dichlorobenzene	**106-46-7**	**8260B**	**8.4**		**1.0**	**ug/L**	**1**
1,1-Dichloroethane	**75-34-3**	**8260B**	**74**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.9**		**1.0**	**ug/L**	**1**
1,1-Dichloroethene	**75-35-4**	**8260B**	**1.3**		**1.0**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**330**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	**156-60-5**	**8260B**	**3.5**		**1.0**	**ug/L**	**1**
1,2-Dichloropropane	**78-87-5**	**8260B**	**2.4**		**1.0**	**ug/L**	**1**
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**26**		**1.0**	**ug/L**	**1**

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

Client: Buxton Environmental

Description: **MW-4**

Date Sampled: **03/09/2006 1600**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/15/2006 1250	CMS		37569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		2.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		2.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**19**		**2.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		94	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/22/2006 2200	MNM	03/13/2006 1634	37420
1		7841	1	03/17/2006 1357	MNM	03/14/2006 1216	37481
2	3005A	6010B	1	03/24/2006 1602	MNM	03/13/2006 1634	37420

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.10**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	**7440-48-4**	**6010B**	**0.13**		**0.010**	**mg/L**	**1**
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND	*	0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.013**		**0.010**	**mg/L**	**1**
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1736	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run

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

Client: Duxton Environmental

Description: **MW-4**

Date Sampled: **03/09/2006 1600**

Date Received: **03/10/2006**

Laboratory ID: [illegible]

Matrix: **Aqueous**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1736	NMS	03/29/2006 1142	38045

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

Footnote(s): * Post digestion spike between 40-85% recovery.

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

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

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

Client: **Buxton Environmental**

Description: **MW-5**

Date Sampled: **03/09/2006 1545**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0956	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: **Buxton Environmental**
Description: **MW-5**
Date Sampled: **03/09/2006 1545**
Date Received: **03/10/2006**

Laboratory ID: HC11021-005
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 0956	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		96	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/22/2006 2206	MNM	03/13/2006 1634	37420
1		7841	1	03/17/2006 1410	MNM	03/14/2006 1216	37481
2	3005A	6010B	1	03/24/2006 1608	MNM	03/13/2006 1634	37420

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.19**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.018**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	**7440-50-8**	**6010B**	**0.027**		**0.010**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.010	mg/L	2
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.063**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.054**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1738	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run

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

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

Date Sampled: **03/09/2006 1545**

Date Received: **03/10/2006**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1738	NMS	03/29/2006 1142	38045

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

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

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

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

Description: **MW-6**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1510**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1019	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: Duxton Environmental

Description: **MW-6**

Date Sampled: **03/09/2006 1510**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1019	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	52-138
Bromofluorobenzene		96	70-147
Toluene-d8		95	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1140	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1107	MNM	03/14/2006 1216	37472

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.079**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	7440-62-2	6010B	ND		0.010	mg/L	1
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1739	NMS	03/29/2006 1142	38045

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

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

Client: Buxton Environmental

Description: **MW-7A**

Date Sampled: **03/09/2006 1415**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1042	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**3.2**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**4.2**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**4.8**		**1.0**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**1.4**		**1.0**	**ug/L**	**1**

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

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

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

Client: Buxton Environmental

Description: **MW-7A**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1415**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1042	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	52-138
Bromofluorobenzene		97	70-147
Toluene-d8		96	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1146	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1615	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.56**		**0.025**	**mg/L**	**1**
Beryllium	**7440-41-7**	**6010B**	**0.0042**		**0.0020**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.022**		**0.0050**	**mg/L**	**1**
Cobalt	**7440-48-4**	**6010B**	**0.032**		**0.010**	**mg/L**	**1**
Copper	**7440-50-8**	**6010B**	**0.048**		**0.010**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.18**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.19**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1741	NMS	03/29/2006 1142	38045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.0014**		**0.00010**	**mg/L**	**1**

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

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

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

Client: Buxton Environmental

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

Date Sampled: **03/09/2006 1430**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1105	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**2.5**		**1.0**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**8.0**		**1.0**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**9.4**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**7.3**		**1.0**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**2.8**		**1.0**	**ug/L**	**1**

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

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

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

Client: Duke Environmental

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

Date Sampled: **03/09/2006 1430**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1105	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	52-138
Bromofluorobenzene		91	70-147
Toluene-d8		93	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1152	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1629	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.10**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND	*	0.010	mg/L	1
Vanadium	7440-62-2	6010B	ND		0.010	mg/L	1
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1743	NMS	03/29/2006 1142	38045

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

Footnote(s): * Post digestion spike between 40-85% recovery.

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

Description: **MW-8A**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1350**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1128	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: Buxton Environmental

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

Date Sampled: **03/09/2006 1350**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1128	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		96	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1158	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1642	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	7440-39-3	6010B	ND		0.025	mg/L	1
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	7440-62-2	6010B	ND		0.010	mg/L	1
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1800	NMS	03/29/2006 1142	38045

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

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

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

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

Description: **MW-8B**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1330**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1151	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: Duxton Environmental

Description: **MW-8B**

Date Sampled: **03/09/2006 1330**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1151	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		94	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1204	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1446	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.18**		**0.025**	**mg/L**	**1**
Beryllium	**7440-41-7**	**6010B**	**0.0021**		**0.0020**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.021**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.081**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1802	NMS	03/29/2006 1142	38045

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

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

Client: Buxton Environmental

Description: **MW-9**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1800**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1213	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Description: **MW-9**
Date Sampled: **03/09/2006 1800**
Date Received: **03/10/2006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1213	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	52-138
Bromofluorobenzene		93	70-147
Toluene-d8		93	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1210	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1453	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.25**		**0.025**	**mg/L**	**1**
Beryllium	**7440-41-7**	**6010B**	**0.0029**		**0.0020**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	**7440-47-3**	**6010B**	**0.034**		**0.0050**	**mg/L**	**1**
Cobalt	**7440-48-4**	**6010B**	**0.038**		**0.010**	**mg/L**	**1**
Copper	**7440-50-8**	**6010B**	**0.020**		**0.010**	**mg/L**	**1**
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	**7440-62-2**	**6010B**	**0.077**		**0.010**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010B**	**0.098**		**0.050**	**mg/L**	**1**

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1804	NMS	03/29/2006 1142	38045

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

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

Description: **SW-1**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1520**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1236	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

Client: Buxton Environmental

Description: **SW-1**

Date Sampled: **03/09/2006 1520**

Date Received: **03/10/2006**

Laboratory ID: HG11021-012

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1236	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		94	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1216	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1512	MNM	03/14/2006 1216	37481

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	7440-39-3	6010B	ND		0.025	mg/L	1
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	7440-62-2	6010B	ND		0.010	mg/L	1
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1806	NMS	03/29/2006 1142	38045

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

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

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

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

Client: Buxton Environmental

Description: **SW-2**

Date Sampled: **03/09/2006 1700**

Date Received: **03/10/2006**

Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1259	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		40	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.8	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Description: **SW-2**

Matrix: **Aqueous**

Date Sampled: **03/09/2006 1700**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1259	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	52-138
Bromofluorobenzene		94	70-147
Toluene-d8		95	76-125

Appendix I Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	03/24/2006 1239	MNM	03/13/2006 1634	37422
1		7841	1	03/17/2006 1120	MNM	03/14/2006 1216	37472

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010B	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	7440-39-3	6010B	ND		0.025	mg/L	1
Beryllium	7440-41-7	6010B	ND		0.0020	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0010	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010B	ND		0.010	mg/L	1
Copper	7440-50-8	6010B	ND		0.010	mg/L	1
Lead	7439-92-1	6010B	ND		0.010	mg/L	1
Nickel	7440-02-0	6010B	ND		0.040	mg/L	1
Selenium	7782-49-2	6010B	ND		0.010	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1
Thallium (GFAA)	7440-28-0	7841	ND		0.010	mg/L	1
Vanadium	7440-62-2	6010B	ND		0.010	mg/L	1
Zinc	7440-66-6	6010B	ND		0.050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	03/29/2006 1807	NMS	03/29/2006 1142	38045

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

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

Client: **Buxton Environmental**
Description: **TRIP BLANK**
Date Sampled: **03/01/2006 0800**
Date Received: **03/10/2006**

Laboratory ID: [illegible]
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1322	CMS		37454

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		7.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		2.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1

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

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

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

Client: Buxton Environmental

Description: **TRIP BLANK** Matrix: **Aqueous**

Date Sampled: **03/01/2006 0800**

Date Received: **03/10/2006**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/14/2006 1322	CMS		37454

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	52-138
Bromofluorobenzene		95	70-147
Toluene-d8		94	76-125

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

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

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

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

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
Cayce, South Carolina 29033
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 58125

Client: Duke Environmental Inc
Report To (Contact): Ross Livingston
Telephone No. / Fax No. / E-mail: 704-344-1450
Quote No.:
Address: 101 South Blvd Ste 101
Sampler's Signature:
Waybill No.:
Page 1 of 1
City: Charlotte | State: NC | Zip Code: 28203
Printed Name:
Analysis (Attach list if more space is needed)
Project Name: Alamance Co. Sussexville Landfill
Project No.:
P.O. No.:
Lab No.: HC11021

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	# of Containers	Matrix: Water	Soil	Air	Other	Preservative: Unpres.	HCl	HNO3	H2SO4	NaOH	ZnAc/NaOH	Other	Analysis: Arsenic	Barium	Hardness / Comments
MW-1	3-9-06	17:30	6	X											X	X	
MW-2	"	16:30	6	X											X	X	
MW-3	"	16:50	6	X											X	X	
MW-4	"	16:00	6	X											X	X	
MW-5	"	15:45	6	X											X	X	
MW-6	"	15:10	6	X											X	X	
MW-7A	"	14:15	6	X											X	X	
MW-7B	"	14:30	6	X											X	X	
MW-8A	"	13:50	6	X											X	X	
MW-8B	"	13:30	6	X											X	X	
MW-9	"	13:30	6	X											X	X	
SW-1	"	15:20	6	X											X	X	
SW-2	"	17:00	6	X											X	X	
Trip Blank	3-10-06	8:00	6	X											X		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
Sample Disposal: ☐ Return to Client ☐ Disposal by Lab
Note: All samples are retained for six weeks from receipt unless other arrangements are made.
Turn Around Time Required (Prior lab approval required for expedited TAT): ☐ Standard ☐ Rush (Specify) 7 DAY TAT
QC Requirements (Specify): EVALUATE PER NC SOLID WASTE RULES

Relinquished by	Date	Time	Received by	Date	Time
1.	3-10-06	9:30	1.	3-10-06	930
2.			2.		
3.	3-10-06	1635	3. Laboratory Received by:	3/10/06	1635

Comments:
LAB USE ONLY: Received on Ice (Circle) Yes No Ice Pack
Receipt Temp. 5.6 °C

DISTRIBUTION: WHITE & YELLOW return to accompany lab Sample; PINK retained as Client Copy

Document Number: FAD-012 Effective Date: 06-30-99

Level 1 Report v2.1

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
Cayce, South Carolina 29033
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 58125

Client: Buxton Environmental, Inc	Report to Contact: Ross Kling MW	Telephone No. / Fax No. / E-mail: 704-344-1450	Quote No.
Address: 1101 South Blvd Ste 101	Sampler's Signature: X	Waybill No.	Page 1 of 1
City: Charlotte; State: NC; Zip Code: 28203	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: Alamance Co - Swepsonville Landfill			
Project No.	P.O. No.		Lot No. HC11021

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	App I VOCs	App I metals + Hg	Remarks / Cooler I.D.
MW-1	3-9-06	17:30	C	X									X	X	
MW-2	"	16:30	G	X									X	X	
MW-3	"	16:50	G	X									X	X	
MW-4	"	16:00	G	X									X	X	
MW-5	"	15:45	G	X									X	X	
MW-6	"	15:10	G	X									X	X	
MW-7A	"	14:15	G	X									X	X	
MW-7B	"	14:30	G	X									X	X	
MW-8A	"	13:50	G	X									X	X	
MW-8B	"	13:30	G	X									X	X	
MW-9	"	18:00	G	X									X	X	
SW-1	"	15:20	G	X									X	X	
SW-2	"	17:00	G	X									X	X	
TRIP BLANK	3-1-06	8:00	G	X									X		

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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

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

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard ☐ Rush (Specify) 7-DAY TAT

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

	Date	Time		Date	Time
1. Relinquished by	3-10-06	9:30	1. Received by	3-10-06	930
2. Relinquished by			2. Received by		
3. Relinquished by	3-10-06	1635	3. Laboratory received by	3/10/06	1635

Comments

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack
Receipt Temp. 5.6 °C

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

Sample Receipt Checklist

Client: Buxton Cooler Inspected by/date: TDC / 3/11/06 Lot #: HC11021

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

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

Cooler temperature upon receipt 5.6 °C _____ °C _____ °C _____ °C _____ °C
Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 13,14,15), an explanation/resolution must be provided.

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

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

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving.

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

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

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

Corrective Action taken, if necessary:

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

SESI employee: _____ Date of response: _____

Comments: _____