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Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Brian S. Boutin, PG

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

Name: Brian S. Boutin, PG

Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
C&D Landfill, Inc. (Phase 2)	802 Recycling Lane Greenville, Pitt County, NC	7407-CDLF-2009	.0500	May 19, 2011 November 15, 2011

Environmental Status: (Check all that apply)

- Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Brian S. Boutin, PG

Consultant for Facility

919-366-3663 (office); 919-995-0363 (cell)

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

April 30, 2012

Affix NC Licensed/ Professional Geologist Seal

Signature

Date

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009



**Explanatory Text for Notification Table
C&D Landfill, Inc., Phase 2
Greenville, Pitt County, NC
Permit # 74-07
May and November 2011 Detection Monitoring**

The results of the May and November 2011 water quality monitoring indicate that several Appendix I VOCs were reported in the groundwater sample collected from monitoring well MW-12s. The concentration of 1,2-dichloroethane detected in the sample collected on May 19, 2011 slightly exceeds the NC 2L groundwater standard of 0.4 µg/L. The detected concentrations of the remaining VOCs are all well below the corresponding regulatory limits. Chromium and cobalt were detected at concentrations slightly exceeding the corresponding NC 2L standards in the groundwater samples collected from MW-12s in November and May 2011, respectively. Vanadium was detected in all of the groundwater and surface water samples collected from the site in May and November 2011 (including background samples) within a narrow range of concentrations, all of which equal or exceed the interim NC 2L standard effective October 1, 2010. These data are consistent with the results of previous sampling events conducted at the site and indicate that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. The results of analyses for the remaining Appendix I metals in the groundwater and surface water samples indicate that all reported concentrations were well below the corresponding NC 2L groundwater quality standards.

April 30, 2012

Ms. Jaclynne Drummond
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
P. O. Box 27687
Raleigh, NC 27611-7687

**RE: Water-Quality Monitoring Report: May and November 2011
C&D Landfill, Inc. – Phase 2
Greenville, Pitt County, NC
Permit # 74-04**

Dear Ms. Drummond:

This report presents the results of water quality monitoring conducted at Phase 2 of the construction and demolition debris (C&D) landfill site referenced above on May 19, 2011 and November 15, 2011. The scope of work performed included sampling and laboratory analysis of groundwater samples from seven on-site monitoring wells (MW-9A, MW-10, MW-11, MW-12s, MW-13, MW-14s, and MW-14d) and surface water samples from two locations (SW-2 and SW-4) for 40 CFR Part 258 Appendix I constituents. The groundwater and surface water samples were collected in accordance with the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan.

The seven groundwater monitoring wells were installed at the site in August 2009 in accordance with the Phase 2 Groundwater Sampling and Analysis Plan. Monitoring well MW-9A is a shallow Type II monitoring well that serves as the upgradient, background monitoring location for Phase 2 of the landfill. Monitoring wells MW-10, MW-11, MW-12s and MW-14s are likewise Type II monitoring wells that monitor the surficial aquifer downgradient of Phase 2 of the landfill. Monitoring well MW-14d is a deep Type III monitoring well that monitors the deeper zone of the surficial aquifer downgradient of Phase 2 of the landfill and is installed adjacent to MW-14s. MW-14d was not sampled during May 2011 because it is on a biennial sampling schedule and was last sampled in January 2010. Surface water sampling location SW-4 serves as an upgradient sampling location for the facility for monitoring the quality of surface water entering the site; surface water sampling

location SW-2 serves as a downgradient sampling location for monitoring the quality of surface water exiting the site. The locations of the site monitoring wells and surface water sampling locations are shown in **Sheet 1**. The sampling and data collection methods, as well as the results of field and laboratory testing of the water samples, are presented in the following sections.

1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on November 15, 2011 as part of the water quality monitoring. Depths to groundwater were measured using an electronic water-level meter that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth-to-water measurements were made after the wells were opened for a sufficient period of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Sheet 1**. Groundwater elevation data collected at the monitoring wells on November 15, 2011 are presented in **Table 1**. The depth to groundwater across the site measured relative to the top of the PVC casing of the Type II groundwater-monitoring wells and piezometers on November 15, 2011 ranged from 3.25 feet (MW-11) to 8.59 feet (MW-13) below grade.

Water-table elevation contours that were developed based on the November 15, 2011 groundwater-gauging data for the Type II monitoring wells are included in **Sheet 1**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the southwest, which is consistent with the surface topography and drainage features at the site. The delineated direction of shallow groundwater flow is also consistent with previous estimates of groundwater flow direction at Phase 2.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater and surface water samples were collected from the site on May 19, 2011 and November 15, 2011 for laboratory analysis to monitor the quality of groundwater at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. Purging and sampling of groundwater from the monitoring wells was conducted using disposable, bottom-loading bailers at all wells. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material (e.g., disposable bailers, gloves, etc.) was discarded after each use.

During purging, measurements were made in the field of the pH, temperature and specific conductance of the groundwater collected from the monitoring wells, in accordance with SWS requirements. The results of the field analyses of these parameters measured on November 15, 2011 are presented in **Table 1**. The results of the field-measured water-quality parameters indicate that the values measured in groundwater collected from the site monitoring wells were within the applicable stabilization criteria. Groundwater at the site is slightly acidic to neutral based on the pH values measured in the field (5.70 to 7.50). Specific conductance values ranged from 267 (MW-13) to 1,867 (MW-12s) $\mu\text{S}/\text{cm}$.

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and Appendix I metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on May 19, 2011 and November 15, 2011 are presented in **Table 2**, along with historical water-quality monitoring results. Copies of the original laboratory reports are included in **Appendix A**.

The following VOCs were detected in the groundwater samples collected from monitoring well MW-12s: 1) **May 19, 2011**: cis-1,2-dichloroethene (0.6 $\mu\text{g}/\text{L}$); 1,2-dichloroethane (0.6 $\mu\text{g}/\text{L}$); methylene chloride (0.9 $\mu\text{g}/\text{L}$); tetrachloroethene (0.2 $\mu\text{g}/\text{L}$); and trichloroethene (0.7 $\mu\text{g}/\text{L}$); 2) **November 15, 2011**: acetone (10.1 $\mu\text{g}/\text{L}$); benzene (0.3 $\mu\text{g}/\text{L}$); cis-1,2-dichloroethene (1.2 $\mu\text{g}/\text{L}$); 1,2-dichloroethane (0.4 $\mu\text{g}/\text{L}$); ethylbenzene (0.6 $\mu\text{g}/\text{L}$); and tetrahydrofuran (4.2 $\mu\text{g}/\text{L}$). The concentration of 1,2-dichloroethane detected in the sample collected on May 19, 2011 slightly exceeds the NC 2L groundwater standard of 0.4 $\mu\text{g}/\text{L}$; all other VOCs detected in the samples collected in May and November 2011 were at concentrations well below the corresponding regulatory standards. Tetrahydrofuran was detected at a trace concentration (0.9 $\mu\text{g}/\text{L}$) in the groundwater sample collected from MW-14d in November 2011, and toluene was detected at trace concentrations (0.4 $\mu\text{g}/\text{L}$) in surface water samples SW-2 and SW-4 collected in November 2011. No VOCs were detected in the remaining groundwater and surface water samples collected from the Phase 2 site on May 19, 2011 and November 15, 2011.

Chromium and cobalt were detected at concentrations slightly exceeding the corresponding NC 2L standards in the groundwater samples collected from MW-12s in November and May 2011, respectively. Vanadium was detected in all of the groundwater and surface water samples collected from the site in May and November 2011 (including background samples) within a relatively narrow range of concentrations (0.3 to 11.8 $\mu\text{g}/\text{L}$), all of which equal or exceed the interim NC 2L standard (0.3 $\mu\text{g}/\text{L}$) effective October 1, 2010. This indicates that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. The May and November 2011 results for vanadium are consistent with the results of previous sampling

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events conducted at the site. The results of analyses for the remaining Appendix I metals in the groundwater and surface water samples indicate that all reported concentrations were well below the corresponding NC 2L groundwater quality standards.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the May and November 2011 water quality monitoring indicate that several Appendix I VOCs were reported in the groundwater sample collected from monitoring well MW-12s. The concentration of 1,2-dichloroethane detected in the sample collected on May 19, 2011 slightly exceeds the NC 2L groundwater standard of 0.4 µg/L. The detected concentrations of the remaining VOCs are all well below the corresponding regulatory limits. Chromium and cobalt were detected at concentrations slightly exceeding the corresponding NC 2L standards in the groundwater samples collected from MW-12s in November and May 2011, respectively. Vanadium was detected in all of the groundwater and surface water samples collected from the site in May and November 2011 (including background samples) within a narrow range of concentrations, all of which equal or exceed the interim NC 2L standard effective October 1, 2010. These data are consistent with the results of previous sampling events conducted at the site and indicate that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. The results of analyses for the remaining Appendix I metals in the groundwater and surface water samples indicate that all reported concentrations were well below the corresponding NC 2L groundwater quality standards.

The next water quality monitoring event at Phase 2 is scheduled for May 2012.

If you have any questions or require further assistance regarding this report, please call me at 919-995-0363.

Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist
Cc: Judson Whitehurst, C&D Landfill, Inc.
David Garrett, PE, PG

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DATE	NO.	REVISION
3-8-2011	1	CORRECTED GAS PROBE DIMENSION
5-18-09	0	ISSUED FOR REGULATORY REVIEW

David Garrett & Associates
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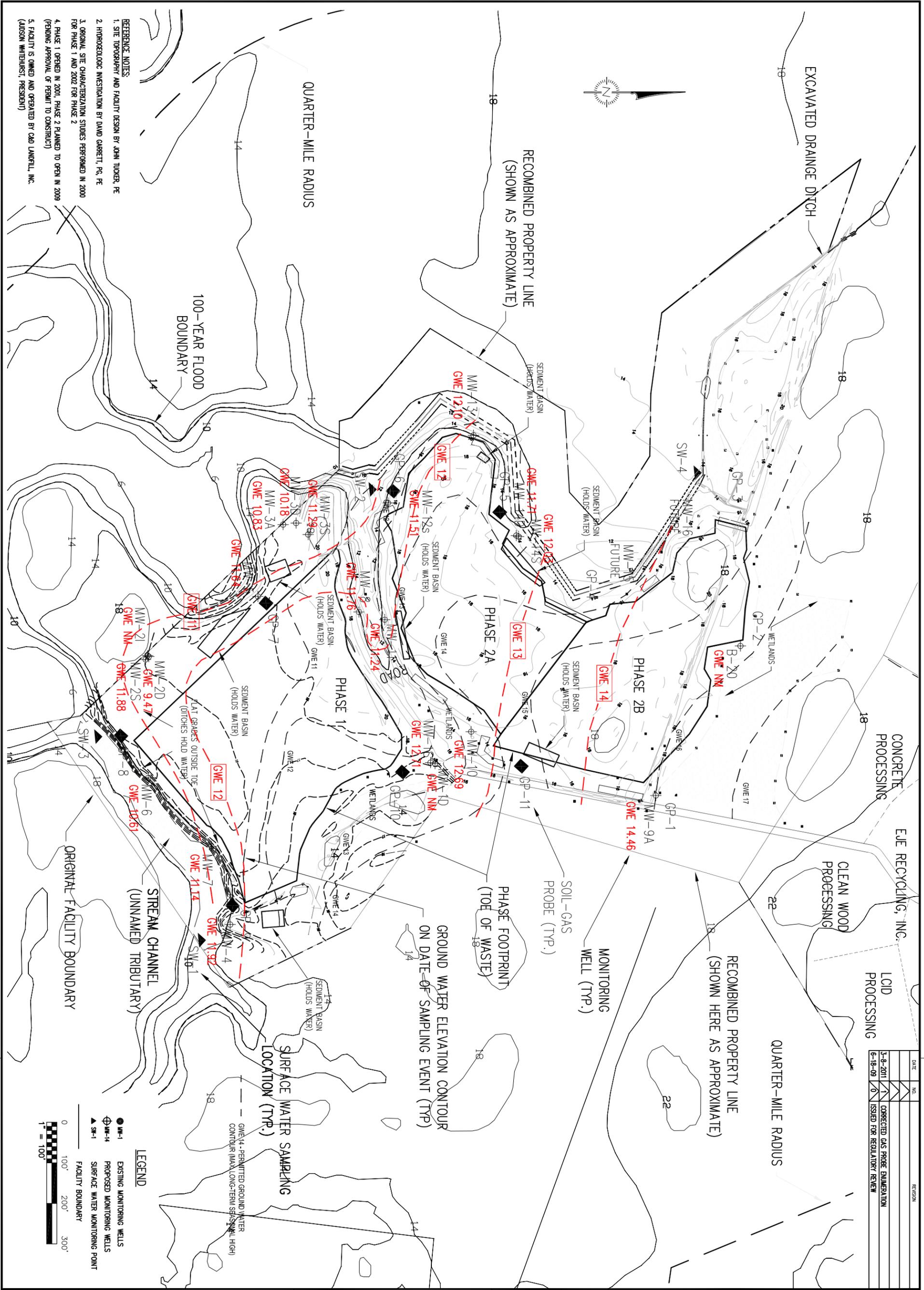


PROJECT TITLE:
C&D LANDFILL, INC.
GROUND WATER MONITORING
PITT COUNTY, NC
PERMIT #74-07

DRAWING TITLE:
POTENTIOMETRIC CONTOURS
FOR PHASES 1 AND 2
(UPPER AQUIFER) NOV. 2011

DESIGNED BY: G.D.G.
 CHECKED BY: J.A.T.
 SCALE: AS SHOWN
 DATE: JUNE 2009

TITLE NAME: C&D LANDFILL ASSESSMENT
 SHEET NO.: 1
 DRAWING NO.: MP1



- REFERENCE NOTES:
1. SITE TOPOGRAPHY AND FACILITY DESIGN BY JOHN TUCKER, PE
 2. HYDROGEOLOGIC INVESTIGATION BY DAVID GARRETT, PG, PE
 3. ORIGINAL SITE CHARACTERIZATION STUDIES PERFORMED IN 2000 FOR PHASE 1 AND 2002 FOR PHASE 2
 4. PHASE 1 OPENED IN 2001, PHASE 2 PLANNED TO OPEN IN 2009 (PENDING APPROVAL OF PERMIT TO CONSTRUCT)
 5. FACILITY IS OWNED AND OPERATED BY C&D LANDFILL, INC. (ADSON WHITENRSI, PRESIDENT)

Table 1
Monitoring Well and Groundwater Data
Water Quality Monitoring
November 2011
Phase 2 - C&D Landfill, Inc.
Greenville, Pitt County, North Carolina
Permit # 74-07

Well Identity	Well Depth (Feet BGS)	Well Diameter (Inches)	Screen Interval (Feet BGS)	Depth to Groundwater (Feet BTOC)	Elevation Top of PVC Well Casing (Feet MSL)	Groundwater Elevation (Feet MSL)	Field Parameters			
							Temp. C°	pH	S.C. umhos/cm	Turbidity (ntu)
MW-9A	20.0	2.0	5 - 20	6.12	20.58	14.46	20.0	7.40	794	NM
MW-10	20.0	2.0	5 - 20	3.92	16.61	12.69	20.0	6.90	794	NM
MW-11	20.0	2.0	5 - 20	3.25	14.49	11.24	19.0	7.20	474	NM
MW-12s	20.0	2.0	5 - 20	4.67	16.18	11.51	20.0	7.50	1867	NM
MW-13	20.0	2.0	5 - 20	8.59	20.69	12.10	22.0	5.70	267	NM
MW-14s	20.0	2.0	15 - 20	4.57	16.60	12.03	21.0	6.10	721	NM
MW-14d	40.0	2.0	35 - 40	5.74	17.45	11.71	22.0	7.50	517	NM

Notes: BGS = Below Ground Surface

MSL = Mean Sea Level

BTOC = Below Top of Casing

NM = Not Measured

S.C. = Specific Conductance

ntu = Nephelometric Turbidity Units

*Extent piezometers from site characterization studies by David Garrett, PG, PE

Monitoring well and piezometer construction data from records furnished by James L. Burgess, RLS and David Garrett, PG, PE

Table 2
Summarized Laboratory Analytical Results for Groundwater Samples
Water Quality Monitoring
Phase 2 - C&D Landfill, Inc.
Greenville, Pitt County, North Carolina
Permit # 74-07

VOLATILE ORGANIC CONSTITUENTS SW 846 8260 (ug/L)	MW-9A						MW-10						MW-11						NCAC 2L STD (ug/L)
	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	
Sampling Date																			
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4000
Bromochloromethane	0.480 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6*
Bromodichloromethane	0.970 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Bromoform	3.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4
Chloroform	0.640 J	ND	ND	ND	ND	ND	ND	0.40 J	ND	ND	ND	ND	ND	0.60 J	ND	ND	ND	ND	70
Chloromethane	0.330 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.290 J	ND	ND	ND	ND	ND	3
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Dibromochloromethane	2.80 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Dibromomethane (Methylene Dibromide)	1.13 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Ethylbenzene	0.950 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560*
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
Total Xylenes	2.77 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Tetrahydrofuran	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	NE
METALS (in ug/L)																			NCAC 2L STD (ug/L)
Antimony	ND	0.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	1
Arsenic	ND	1.3 J	0.3 J	0.6 J	0.6 J	0.5 J	ND	0.5 J	0.5 J	1.1 J	0.52 J	2.5 J	ND	ND	ND	0.6 J	ND	0.23 J	10
Barium	112 B	55.4 J	29.4 J	32.9 J	50.7 J	43.6 J	76.1 JB	113	129	63.2 J	89.2 J	43.6 J	39.8 JB	23.4 J	14.2 J	31.4 J	19.2 J	17.3 J	700
Beryllium	ND	0.2 J	ND	ND	ND	ND	ND	0.2 J	0.1 J	0.1 J	0.29 J	0.16 J	ND	0.3 J	0.1 J	0.2 J	0.31 J	0.10 J	4
Cadmium	0.16 J	0.1 J	0.2 J	0.1 J	0.05 J	0.08 J	0.17 J	ND	1.00	0.1 J	0.8 J	0.08 J	0.3 J	0.2 J	0.1 J	0.2 J	0.17 J	0.13 J	2
Chromium	3 JB	2.7 J	0.3 J	ND	0.17 J	0.23 J	3 JB	0.9 J	0.6 J	0.1 J	0.83 J	0.86 J	3.09 JB	ND	0.3 J	0.1 J	0.23 J	ND	10
Cobalt	ND	0.7 J	0.2 J	0.2 J	0.09 J	0.11 J	ND	0.3 J	0.2 J	0.3 J	2.2 J	0.26 J	ND	0.5 J	0.3 J	0.3 J	0.26 J	0.2 J	1
Copper	2.13 J	1.3 J	0.1 J	ND	0.29 J	0.05 J	2.34 J	1.0 J	0.6 J	ND	1.7 J	0.18 J	2.44 J	0.8 J	0.2 J	ND	0.67 J	0.09 J	1000
Lead	ND	1.8 J	0.1 J	ND	0.16 J	0.16 J	ND	1.4 J	2.0 J	1.1 J	1.2 J	1.9 J	ND	0.2 J	0.2 J	0.2 J	0.1 J	0.12 J	15
Nickel	ND	2.5 J	2.0 J	1.8 J	0.77 J	0.78 J	ND	0.8 J	1.5 J	4.1 J	1.1 J	1.3 J	2.75 J	2.2 J	1.8 J	1.6 J	1.2 J	1.2 J	100
Selenium	6.61 J	ND	ND	ND	ND	ND	ND	0.2 J	0.6 J	ND	1.1 J	0.62 J	4.22 J	ND	ND	ND	ND	ND	20
Silver	7.15 JB	0.1 J	ND	ND	ND	ND	6.95 JB	0.1 J	ND	ND	ND	ND	6.92 JB	ND	0.1 J	ND	ND	ND	20
Thallium	ND	ND	ND	ND	0.08 J	0.08 J	ND	ND	ND	0.05 J	0.05 J	ND	ND	ND	ND	ND	0.12 J	0.2	0.2
Vanadium	ND	4.9 J	0.6 J	0.9 J	1.2 J	1.3 J	ND	4.5 J	3.2 J	1.9 J	3.1 J	9.2 J	ND	1.3 J	1.0 J	0.6 J	0.54 J	0.55 J	0.3
Zinc	1.66 JB	7.5 J	1.5 J	2.6 J	3.2 J	2.3 J	ND	2.6 J	4.0 J	2.1 J	3.5 J	1.7 J	ND	2.9 J	2.0 J	3.2 J	2.1 J	1.9 J	1000

Notes:
Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater. * Solid Waste Section Groundwater Protection Standard
NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L.
J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
B = Analyte found in associated field and/or laboratory blank. NE = Not Established NA - Not Analyzed
NS = Not Sampled. No sample exists for this sampling period. ND = None detected above laboratory method detection limit.

Table 2 (Continued) Summarized Laboratory Analytical Results for Groundwater Samples Water Quality Monitoring Phase 2 - C&D Landfill, Inc. Greenville, Pitt County, North Carolina Permit # 74-07																				
VOLATILE ORGANIC CONSTITUENTS SW 846 8260 (µg/L)		MW-12s					MW-13					MW-14s					NCAC 2L STD (ug/L)			
Sampling Date	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	8/11/2009	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011		
Acetone	ND	ND	ND	29	ND	10.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6000	
Benzene	ND	ND	ND	ND	ND	0.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	
2-Butanone (MEK)	ND	ND	ND	8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4000	
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6*	
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	
cis 1,2-Dichloroethene	ND	ND	ND	ND	0.6 J	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	
Dibromomethane (Methylene Dibromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	
1,2-Dichloroethane	ND	ND	ND	ND	0.6 J	0.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	
Ethylbenzene	ND	ND	ND	2	ND	0.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	
Methylene Chloride	ND	ND	ND	11.2	0.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	78.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560*	
Tetrachloroethene	ND	ND	ND	0.2	0.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	
Total Xylenes	ND	ND	ND	11.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	
Trichloroethene	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	
Tetrahydrofuran	NA	NA	NA	NA	ND	4.2	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	0.9 J	NE	
METALS (in ug/L)																				NCAC 2L STD (ug/L)
Antimony	ND	ND	ND	0.8 J	0.47 J	0.51 J	ND	ND	ND	ND	ND	ND	ND	0.2 J	ND	ND	ND	ND	1	
Arsenic	ND	ND	0.4 J	5.3 J	5.9 J	11	ND	2.4 J	1.4 J	1.8 J	0.29 J	0.52 J	ND	1.3 J	ND	1.6 J	1.5 J	1.7 J	10	
Barium	56.6 JB	98.5 J	39.2 J	177.0	346.0	467.0	44.1 JB	82.8 J	86.7 J	106.0	92.3 J	67.8 J	111 B	100	107	177	127	223	700	
Beryllium	ND	ND	0.1 J	0.1 J	ND	ND	ND	0.3 J	0.3 J	0.3 J	0.12 J	0.14 J	ND	0.6 J	0.1 J	0.2 J	0.2 J	0.29 J	4	
Cadmium	ND	0.2 J	0.2 J	0.1 J	0.1 J	0.06	0.16 J	0.2 J	0.4 J	0.2 J	0.16 J	0.13 J	0.23 J	0.2 J	0.1 J	0.3 J	0.12 J	0.29 J	2	
Chromium	2.48 JB	ND	0.6 J	1.7 J	2.6 J	14	1.77 JB	0.7 J	0.8 J	0.9 J	0.51 J	0.57 J	2.83 JB	2.6 J	0.5 J	0.5 J	0.48 J	1.3 J	10	
Cobalt	ND	0.2 J	0.2 J	0.8 J	1.5 J	0.84 J	ND	1.3 J	0.9 J	1.0 J	1.2 J	0.6 J	ND	0.4 J	0.2 J	0.3 J	0.18 J	0.42 J	1	
Copper	1.86 J	0.7 J	0.3 J	1.1 J	1.5 J	0.53 J	1.33 J	1.2 J	0.5 J	0.8 J	2.1 J	0.82 J	1.34 J	2.4 J	0.1 J	0.1 J	0.81 J	0.59 J	1000	
Lead	ND	0.4 J	1.1 J	1.9 J	0.83 J	0.64 J	ND	3.2 J	1.8 J	3.1 J	0.8 J	0.93 J	ND	21	1.5 J	2.2 J	4.4 J	3.2 J	15	
Nickel	2.43 J	0.9 J	0.9 J	4.1 J	6.8 J	7.6 J	2.44 J	1.6 J	1.7 J	2.2 J	2.1 J	1.3 J	ND	1.0 J	1.1 J	1.9 J	0.86 J	2 J	100	
Selenium	ND	0.2 J	ND	1.3 J	1.7 J	2.5 J	ND	0.5 J	ND	0.8 J	0.38 J	0.78 J	ND	0.4 J	ND	ND	0.44 J	0.33 J	20	
Silver	6.87 JB	0.1 J	ND	0.1 J	ND	ND	6.91 JB	0.1 J	ND	ND	ND	ND	7.19 JB	0.1 J	ND	ND	ND	ND	20	
Thallium	ND	ND	ND	ND	0.08 J	0.04 J	ND	ND	ND	ND	0.04 J	0.07 J	ND	ND	ND	ND	0.04 J	0.05 J	0.2	
Vanadium	1.42	2.4 J	3.7 J	4.4 J	2.9 J	4.8 J	ND	4.9 J	2.4 J	3.6 J	1.0 J	1.4 J	ND	35	3.3 J	8.5 J	11.8 J	8.4 J	0.3	
Zinc	ND	2.8 J	1.1 J	3.1 J	3.5 J	1.8 J	4.63 JB	8.5 J	7.5 J	8.5 J	32.0	3.2 J	1.48 JB	4.7 J	1.2 J	2.6 J	2.6 J	4.7 J	1000	
Notes: Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater. * Solid Waste Section Groundwater Protection Standard NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L. J = Estimated value above laboratory method detection limit and below SWSL or reporting limit. B = Analyte found in associated field and/or laboratory blank. NE = Not Established NA = Not Analyzed NS = Not Sampled. No sample exists for this sampling period. ND = None detected above laboratory method detection limit.																				

Table 2 (Continued)														
Summarized Laboratory Analytical Results for Groundwater Samples														
Water Quality Monitoring														
Phase 2 - C&D Landfill, Inc.														
Greenville, Pitt County, North Carolina														
Permit # 74-07														
VOLATILE ORGANIC CONSTITUENTS SW 846 8260 (µg/L)	MW-14d			SW-2					SW-4					NCAC 2L STD (ug/L)
Sampling Date	8/11/2009	1/20/2010	11/15/2011	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	1/20/2010	5/25/2010	11/15/2010	5/19/2011	11/15/2011	
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4000
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6*
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70
Chloromethane	0.210 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Dibromomethane (Methylene Dibromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560*
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	0.4 J	ND	ND	ND	0.4 J	ND	600
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Tetrahydrofuran	NA	NA	ND	NA	NA	NA	ND	ND	NA	NA	NA	ND	ND	NE
METALS (in ug/L)														NCAC 2L STD (ug/L)
Antimony	ND	0.1 J	ND	0.1 J	ND	ND	0.2 J	ND	0.2 J	ND	ND	0.29 J	ND	1
Arsenic	ND	0.2 J	0.32 J	0.3 J	0.9 J	1.1 J	0.82 J	2.5 J	0.2 J	0.6 J	0.5 J	1.3 J	0.51 J	10
Barium	13.9 JB	13.1 J	9.9 J	71.3 J	33.3 J	59.1 J	71.6 J	69.4 J	70.9 J	82.1 J	94.2 J	137	81.2 J	700
Beryllium	ND	ND	ND	ND	0.1 J	0.1 J	0.06 J	0.06 J	0.1 J	0.1 J	0.1 J	0.57 J	0.1 J	4
Cadmium	0.4 J	1.0	0.43 J	1.2	0.2 J	0.1 J	0.11 J	ND	0.1 J	0.2 J	0.14 J	0.05 J	2	
Chromium	4.24 JB	1.8 J	ND	0.7 J	0.4 J	0.5 J	0.58 J	1.2 J	0.3 J	0.9 J	0.3 J	3.1 J	0.46 J	10
Cobalt	ND	0.2 J	0.08 J	0.3 J	0.3 J	0.5 J	1.5 J	0.75 J	0.2 J	0.5 J	0.7 J	1.6 J	0.86 J	1
Copper	ND	2.4 J	0.66 J	0.8 J	0.4 J	0.1 J	0.94 J	0.46 J	0.7 J	0.5 J	0.3 J	1.5 J	ND	1000
Lead	ND	1.2 J	0.17 J	0.3 J	0.9 J	0.1 J	0.5 J	0.79 J	0.3 J	1.6 J	0.2 J	5.7 J	0.29 J	15
Nickel	ND	2.14 J	1.4 J	0.9 J	0.4 J	1.6 J	1.8 J	0.99 J	0.6 J	0.8 J	0.8 J	1.5 J	0.55 J	100
Selenium	ND	ND	ND	ND	ND	0.6 J	0.22 J	0.29 J	ND	ND	ND	0.33 J	ND	20
Silver	6.77 JB	0.1 J	ND	0.1 J	ND	ND	ND	ND	0.1 J	ND	ND	ND	ND	20
Thallium	ND	ND	ND	0.1 J	ND	ND	ND	ND	ND	ND	ND	0.09 J	0.09 J	0.2
Vanadium	ND	1.4 J	0.3 J	0.8 J	2.0 J	1.1 J	0.86 J	3.4 J	0.6 J	3.0 J	0.9 J	7.2 J	0.88 J	0.3
Zinc	ND	21.0	3.2 J	8.1 J	2.3 J	6.8 J	12	8.2 J	8.8 J	3.0 J	3.9 J	9.4 J	2.4 J	1000
Notes: Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater. * Solid Waste Section Groundwater Protection Standard NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L. J = Estimated value above laboratory method detection limit and below SWSL or reporting limit. B = Analyte found in associated field and/or laboratory blank. NE = Not Established NA - Not Analyzed NS = Not Sampled. No sample exists for this sampling period. ND = None detected above laboratory method detection limit.														

APPENDIX A

**Laboratory Reports
And
Chain-of-Custody Records**

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

DATE COLLECTED: 05/19/11
DATE REPORTED : 07/01/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-3A	MW-4	MW-5	MW-6	MW-7	Analysis	Method
								Date	Analyst
PH (field measurement), Units			6.6	6.0	6.6	6.7	6.3	05/19/11 RJH	SM4500HB
Cyanide, ug/l	5.0	10.0	---	U				05/24/11 SEJ	SM4500 CN-
Antimony, ug/l	0.14	6.0	---	U	0.40 J	---	U	05/26/11 LFJ	EPA200.8
Arsenic, ug/l	0.10	10.0	0.93 J	1.6 J	6.3 J	2.2 J	1.5 J	05/26/11 LFJ	EPA200.8
Barium, ug/l	0.02	100.0	36.0 J	174	80.5 J	124	174	05/26/11 LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	---	U	0.57 J	0.92 J	---	U	05/26/11 LFJ
Cadmium, ug/l	0.02	1.0	0.10 J	0.35 J	0.64 J	0.43 J	0.40 J	05/26/11 LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	7.7 J	0.58 J	1.5 J	1.4 J	4.2 J	05/26/11 LFJ	EPA200.8
Copper, ug/l	0.02	10.0	1.1 J	1.9 J	4.4 J	1.6 J	1.5 J	05/26/11 LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.30 J	3.0 J	6.2 J	2.4 J	1.2 J	05/26/11 LFJ	EPA200.8
Lead, ug/l	0.02	10.0	0.15 J	4.8 J	3.0 J	0.18 J	0.12 J	05/26/11 LFJ	EPA200.8
Mercury, ug/l	0.05	0.20	0.05 J					05/26/11 LFJ	EPA200.8
Nickel, ug/l	0.04	50.0	1.6 J	1.4 J	5.5 J	2.0 J	2.3 J	05/26/11 LFJ	EPA200.8
Selenium, ug/l	0.20	10.0	1.1 J	0.73 J	4.9 J	1.3 J	3.0 J	05/26/11 LFJ	EPA200.8
Silver, ug/l	0.02	10.0	---	U	---	U	---	U	05/26/11 LFJ
Thallium, ug/l	0.02	5.5	---	U	0.03 J	0.07 J	0.09 J	0.24 J	05/26/11 LFJ
Tin, ug/l	0.16	100.0	0.32 J					05/26/11 LFJ	EPA200.8
Vanadium, ug/l	0.14	25.0	0.69 J	7.5 J	4.3 J	3.9 J	0.75 J	05/26/11 LFJ	EPA200.8
Zinc, ug/l	0.24	10.0	3.2 J	6.1 J	7.4 J	1.8 J	2.4 J	05/26/11 LFJ	EPA200.8
Turbidity, NTU	1.0	1.0	95	110	200	14	34	05/20/11 MEL	SM2130B
Sulfide, ug/l	100	1000	---	U				05/20/11 LFJ	SM4500-S2D
Conductivity (at 25c), uMhos	1.0	1.0	567	607	2290	1159	1247	05/19/11 RJH	SM2510B
Temperature, °C			15	15	16	15	15	05/19/11 RJH	SM2550B
Static Water Level, feet			11.54	6.93	6.71	9.63	8.55	05/19/11 RJH	
Well Depth, feet			23.44	15.98	21.06	16.65	16.33	05/19/11 RJH	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/19/11
DATE REPORTED : 07/01/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-8	Well #1	Well #2	Well #3	Trip Blank	Analysis	Method	
				Shallow	Shallow	Shallow		Date	Analyst	Code
PH (field measurement), Units			6.4	6.1	5.9	6.5		05/19/11	RJH	SM4500HB
Cyanide, ug/l	5.0	10.0	--- U			--- U		05/24/11	SEJ	SM4500 CN-
Antimony, ug/l	0.14	6.0	--- U	0.19 J	---	---		05/26/11	LFJ	EPA200.8
Arsenic, ug/l	0.10	10.0	3.2 J	0.36 J	3.1 J	3.8 J		05/26/11	LFJ	EPA200.8
Barium, ug/l	0.02	100.0	124	36.0 J	101	242		05/26/11	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	0.06 J	0.16 J	0.10 J	---		05/26/11	LFJ	EPA200.8
Cadmium, ug/l	0.02	1.0	0.06 J	0.11 J	0.29 J	0.07 J		05/26/11	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	31	0.41 J	3.7 J	14		05/26/11	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	1.3 J	1.1 J	1.5 J	1.3 J		05/26/11	LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.84 J	0.44 J	0.62 J	0.76 J		05/26/11	LFJ	EPA200.8
Lead, ug/l	0.02	10.0	0.13 J	0.60 J	0.92 J	0.16 J		05/26/11	LFJ	EPA200.8
Mercury, ug/l	0.05	0.20	0.08 J			---		05/26/11	LFJ	EPA200.8
Nickel, ug/l	0.04	50.0	5.2 J	1.2 J	3.1 J	3.3 J		05/26/11	LFJ	EPA200.8
Selenium, ug/l	0.20	10.0	3.0 J	0.46 J		3.5 J		05/26/11	LFJ	EPA200.8
Selenium, ug/l	0.20	10.0			---	---		06/08/11	CMF	SM3113B
Silver, ug/l	0.02	10.0	---	---	---	---		05/26/11	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	---	---	0.10 J	---		05/26/11	LFJ	EPA200.8
Tin, ug/l	0.16	100.0	0.95 J			0.23 J		05/26/11	LFJ	EPA200.8
Vanadium, ug/l	0.14	25.0	0.76 J	1.2 J	0.94 J	1.4 J		05/26/11	LFJ	EPA200.8
Zinc, ug/l	0.24	10.0	5.4 J	2.6 J	3.1 J	3.6 J		05/26/11	LFJ	EPA200.8
Turbidity, NTU	1.0	1.0	330	18	24	270		05/20/11	MEL	SM2130B
Sulfide, ug/l	100	1000	---			544 J		05/20/11	LFJ	SM4500-S2D
Conductivity (at 25c), uMhos	1.0	1.0	1816	674	1494	1954		05/19/11	RJH	SM2510B
Temperature, °C			17	16	16	16		05/19/11	RJH	SM2550B
Static Water Level, feet			9.96	8.94	10.88	12.31		05/19/11	RJH	
Well Depth, feet			20.36	17.21	16.57	22.24		05/19/11	RJH	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

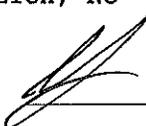
Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003
ANALYST: CHS
DATE COLLECTED: 05/19/11
DATE EXTRACTED: 05/23/11
DATE ANALYZED: 06/16/11
DATE REPORTED: 07/01/11

REVIEWED BY: 

PESTICIDES AND PCB'S EPA METHOD 8081B

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
1. Aldrin	0.029	0.05	--- U	--- U	--- U
2. Alpha-BHC	0.032	0.05	--- U	--- U	--- U
3. Beta-BHC	0.031	0.05	--- U	--- U	--- U
4. Delta-BHC	0.030	0.05	--- U	--- U	--- U
5. Gamma-BHC (Lindane)	0.032	0.05	--- U	--- U	--- U
6. Chlordane	0.320	0.50	--- U	--- U	--- U
7. 4,4-DDD	0.051	0.10	--- U	--- U	--- U
8. 4,4-DDE	0.049	0.10	--- U	--- U	--- U
9. 4,4-DDT	0.052	0.10	--- U	--- U	--- U
10. Dieldrin	0.042	0.075	--- U	--- U	--- U
11. Endosulfan I	0.056	0.10	--- U	--- U	--- U
12. Endosulfan II	0.046	0.10	--- U	--- U	--- U
13. Endosulfan Sulfate	0.072	0.10	--- U	--- U	--- U
14. Endrin	0.053	0.10	--- U	--- U	--- U
15. Endrin Aldehyde	0.068	0.10	--- U	--- U	--- U
16. Heptachlor	0.039	0.05	--- U	--- U	--- U
17. Heptachlor Epoxide	0.042	0.075	--- U	--- U	--- U
18. Methoxychlor	0.530	1.00	--- U	--- U	--- U
19. Pcb's (Aroclors)	0.500	2.00	--- U	--- U	--- U
20. Toxaphene	0.690	1.50	--- U	--- U	--- U

NOTE: Surrogate recovery for locations MW-3A, MW-8 & W3S were outside control limits

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 05/19/11
DATE EXTRACTED: 05/24/11
DATE ANALYZED: 06/01/11
DATE REPORTED: 07/01/11

REVIEWED BY:  _____

LANDFILL APPENDIX II EPA METHOD 8151A

PARAMETERS, ug/l			MW-3A	MW-8	Well #3 Shallow
	MDL	SWSL			
1. 2,4-D	0.36	2.0	--- U	--- U	--- U
2. Dinoseb	0.54	1.0	--- U	--- U	0.821 J
3. 2,4,5-TP	0.42	2.0	--- U	--- U	--- U
4. 2,4,5-T	0.47	2.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

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Wastewater ID: 10

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GREENVILLE, N.C. 27835-7085

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5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003
ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE REPORTED: 07/01/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/27/11	05/27/11	05/27/11	05/27/11	05/27/11
	MDL	SWSL	MW-4	MW-5	MW-6	MW-7	Well #1 Shallow
1. Chloromethane	0.77	1.0	--- U				
2. Vinyl Chloride	0.63	1.0	--- U				
3. Bromomethane	0.67	10.0	--- U				
4. Chloroethane	0.48	10.0	--- U				
5. Trichlorofluoromethane	0.24	1.0	--- U				
6. 1,1-Dichloroethene	0.17	5.0	--- U				
7. Acetone	9.06	100.0	--- U				
8. Iodomethane	0.26	10.0	--- U				
9. Carbon Disulfide	0.23	100.0	--- U				
10. Methylene Chloride	0.64	1.0	--- U				
11. trans-1,2-Dichloroethene	0.23	5.0	--- U				
12. 1,1-Dichloroethane	0.20	5.0	--- U				
13. Vinyl Acetate	0.20	50.0	--- U				
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U				
15. 2-Butanone	2.21	100.0	--- U				
16. Bromochloromethane	0.27	3.0	--- U				
17. Chloroform	0.25	5.0	--- U				
18. 1,1,1-Trichloroethane	0.19	1.0	--- U				
19. Carbon Tetrachloride	0.22	1.0	--- U				
20. Benzene	0.24	1.0	--- U	--- U	--- U	--- U	0.30 J
21. 1,2-Dichloroethane	0.27	1.0	--- U				
22. Trichloroethene	0.23	1.0	--- U				
23. 1,2-Dichloropropane	0.21	1.0	--- U				
24. Bromodichloromethane	0.21	1.0	--- U				
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U				
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U				
27. Toluene	0.23	1.0	--- U				
28. trans-1,3-Dichloropropene	0.28	1.0	--- U				
29. 1,1,2-Trichloroethane	0.25	1.0	--- U				
30. Tetrachloroethene	0.17	1.0	--- U				
31. 2-Hexanone	1.57	50.0	--- U				
32. Dibromochloromethane	0.24	3.0	--- U				
33. 1,2-Dibromoethane	0.26	1.0	--- U				
34. Chlorobenzene	0.30	3.0	--- U				
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U				
36. Ethylbenzene	0.21	1.0	--- U				
37. Xylenes	0.68	5.0	--- U				
38. Dibromomethane	0.28	10.0	--- U				
39. Styrene	0.19	1.0	--- U				
40. Bromoform	0.20	3.0	--- U				
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U				
42. 1,2,3-Trichloropropane	0.43	1.0	--- U				
43. 1,4-Dichlorobenzene	0.39	1.0	--- U				
44. 1,2-Dichlorobenzene	0.32	5.0	--- U				
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U				
46. Acrylonitrile	2.72	200.0	--- U				
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U				

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 17715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE REPORTED: 07/01/11

Page: 2

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VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/27/11	05/27/11	05/27/11	05/27/11	05/27/11
	MDL	SWSL	MW-4	MW-5	MW-6	MW-7	Well #1 Shallow
48. Tetrahydrofuran	0.39	1.0	--- U	0.90 J	2.30	4.50	--- U

Environment 1, Incorporated

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Page: 3

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VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/31/11
	MDL	SWSL	Well #2 Shallow
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

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Wastewater ID: 10

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RALEIGH, NC 27604

CLIENT ID: 6003
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DATE COLLECTED: 05/19/11
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Page: 4

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VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/31/11
	MDL	SWSL	Well #2 Shallow
48. Tetrahydrofuran	0.39	1.0	0.70 J

Environment 1, Incorporated

Drinking Water ID: 37715
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C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 05/19/11
DATE EXTRACTED: 05/26/11
DATE ANALYZED: 06/17/11
DATE REPORTED: 07/01/11

Page: 1

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SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
1. Acenaphthene	2.66	10.0	--- U	--- U	--- U
2. Acenaphthylene	2.60	10.0	--- U	--- U	--- U
3. Anthracene	2.97	10.0	--- U	--- U	--- U
4. Benzo[a]anthracene	4.16	10.0	--- U	--- U	--- U
5. Benzo[b]fluoranthene	3.32	10.0	--- U	--- U	--- U
6. Benzo[k]fluoranthene	4.23	10.0	--- U	--- U	--- U
7. Benzo[g,h,i]perylene	2.61	10.0	--- U	--- U	--- U
8. Benzo[a]pyrene	3.27	10.0	--- U	--- U	--- U
9. 4-Bromophenyl Phenyl Ether	2.63	10.0	--- U	--- U	--- U
10. Butyl Benzyl Phthalate	5.78	10.0	--- U	--- U	--- U
11. Bis-(2-Chloroethoxy) Methane	3.14	10.0	--- U	--- U	--- U
12. Bis-(2-Chloroethyl) Ether	2.58	10.0	--- U	--- U	--- U
13. Bis-(2-Chloroisopropyl) Ether	2.58	10.0	--- U	--- U	--- U
14. 2-Chloronaphthalene	2.17	10.0	--- U	--- U	--- U
15. 4-Chlorophenyl Phenyl Ether	2.42	10.0	--- U	--- U	--- U
16. Chrysene	4.04	10.0	--- U	--- U	--- U
17. Dibenzo[a,h]anthracene	2.78	10.0	--- U	--- U	--- U
18. Di-N-Butyl Phthalate	3.09	10.0	--- U	--- U	--- U
19. Dimethyl Phthalate	3.78	10.0	--- U	--- U	--- U
20. Diethyl Phthalate	3.92	6000	--- U	--- U	--- U
21. 2,4-Dinitrotoluene	3.95	10.0	--- U	--- U	--- U
22. 2,6-Dinitrotoluene	3.88	10.0	--- U	--- U	--- U
23. Di-N-Octyl Phthalate	2.81	10.0	--- U	--- U	--- U
24. Bis-(2-Ethylhexyl) Phthalate	9.97	15.0	--- U	--- U	--- U
25. Fluoranthene	3.92	10.0	--- U	--- U	--- U
26. Fluorene	2.95	10.0	--- U	--- U	--- U
27. Hexachlorobenzene	2.61	10.0	--- U	--- U	--- U
28. Hexachlorocyclopentadiene	4.16	10.0	--- U	--- U	--- U
29. Indeno[1,2,3-Cd]pyrene	2.91	10.0	--- U	--- U	--- U
30. Isophorone	3.74	10.0	--- U	--- U	--- U
31. Nitrobenzene	2.85	10.0	--- U	--- U	--- U
32. N-Nitrosodimethylamine	4.25	10.0	--- U	--- U	--- U
33. N-Nitrosodiphenylamine	3.95	10.0	--- U	--- U	--- U
34. N-Nitrosodi-N-Propylamine	4.06	10.0	--- U	--- U	--- U
35. Phenanthrene	3.24	10.0	--- U	--- U	--- U
36. Pyrene	3.63	10.0	--- U	--- U	--- U
37. 4-Chloro-3-Methylphenol	3.79	20.0	--- U	--- U	--- U
38. 2-Chlorophenol	2.75	10.0	--- U	--- U	--- U
39. O-Cresol	3.68	10.0	--- U	--- U	--- U
40. P-Cresol	4.12	10.0	--- U	--- U	--- U
41. 2,4-Dichlorophenol	5.19	10.0	--- U	--- U	--- U
42. 2,6-Dichlorophenol	4.89	10.0	--- U	--- U	--- U
43. 2,4-Dimethylphenol	3.21	10.0	--- U	--- U	--- U
44. 4,6-Dinitro-2-Methylphenol	4.77	50.0	--- U	--- U	--- U
45. 2,4-Dinitrophenol	4.37	50.0	--- U	--- U	--- U
46. Ethyl Methanesulfonate	5.26	20.0	--- U	--- U	--- U
47. Methyl Methanesulfonate	4.92	10.0	--- U	--- U	--- U
48. 2-Nitrophenol	3.64	10.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

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Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

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DATE COLLECTED: 05/19/11
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Page: 2

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SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
49. 4-Nitrophenol	3.17	50.0	--- U	--- U	--- U
50. Pentachlorophenol	5.33	25.0	--- U	--- U	--- U
51. Phenol	1.86	10.0	--- U	--- U	--- U
52. 2,3,4,6-Tetrachlorophenol	3.12	10.0	--- U	--- U	--- U
53. 2,4,5-Trichlorophenol	4.17	10.0	--- U	--- U	--- U
54. 2,4,6-Trichlorophenol	3.84	10.0	--- U	--- U	--- U
55. Acetophenone	2.89	10.0	--- U	--- U	--- U
56. 2-Acetylaminofluorene	3.98	20.0	--- U	--- U	--- U
57. 4-Aminobiphenyl	4.12	20.0	--- U	--- U	--- U
58. Benzyl Alcohol	4.47	20.0	--- U	--- U	--- U
59. 4-Chloroaniline	3.36	20.0	--- U	--- U	--- U
60. Chlorobenzilate	5.12	10.0	--- U	--- U	--- U
61. Diallate	2.98	10.0	--- U	--- U	--- U
62. Dibenzofuran	4.28	10.0	--- U	--- U	--- U
63. 3,3-Dichlorobenzidine	4.22	20.0	--- U	--- U	--- U
64. Dimethoate	3.98	20.0	--- U	--- U	--- U
65. P-Dimethylaminoazobenzene	2.89	10.0	--- U	--- U	--- U
66. 7,12-Dimethylbenz[alanthracene	5.26	10.0	--- U	--- U	--- U
67. 3,3-Dimethylbenzadine	3.21	10.0	--- U	--- U	--- U
68. 1,3-Dinitrobenzene	2.89	20.0	--- U	--- U	--- U
69. Diphenylamine	5.10	10.0	--- U	--- U	--- U
70. Disulfoton	4.28	10.0	--- U	--- U	--- U
71. Pamphur	3.98	20.0	--- U	--- U	--- U
72. Hexachloropropene	4.31	10.0	--- U	--- U	--- U
73. Isosafrole	2.88	10.0	--- U	--- U	--- U
74. Kepone	2.78	20.0	--- U	--- U	--- U
75. Methapyrilene	3.54	100.0	--- U	--- U	--- U
76. 3-Methylchloroanthrene	4.21	10.0	--- U	--- U	--- U
77. 2-Methylnaphthalene	3.79	10.0	--- U	--- U	--- U
78. Methyl Parathion	4.32	10.0	--- U	--- U	--- U
79. m-Cresol	3.81	10.0	--- U	--- U	--- U
80. 1,4-Naphthoquinone	4.00	10.0	--- U	--- U	--- U
81. 1-Naphthylamine	5.61	10.0	--- U	--- U	--- U
82. 2-Naphthylamine	4.62	10.0	--- U	--- U	--- U
83. 2-Nitroaniline	3.61	50.0	--- U	--- U	--- U
84. 3-Nitroaniline	4.81	50.0	--- U	--- U	--- U
85. 4-Nitroaniline	4.22	20.0	--- U	--- U	--- U
86. 5-Nitro-O-Toluidine	4.01	10.0	--- U	--- U	--- U
87. N-Nitrosodi-n-butylamine	3.63	10.0	--- U	--- U	--- U
88. N-Nitrosodiethylamine	3.83	20.0	--- U	--- U	--- U
89. N-Nitrosomethylethylamine	3.83	10.0	--- U	--- U	--- U
90. N-Nitrosopiperidine	5.19	20.0	--- U	--- U	--- U
91. N-Nitrosopyrrolidine	2.89	10.0	--- U	--- U	--- U
92. Parathion	3.12	10.0	--- U	--- U	--- U
93. Pentachlorobenzene	3.92	10.0	--- U	--- U	--- U
94. Pentachloronitrobenzene	3.71	20.0	--- U	--- U	--- U
95. Phenacetin	4.41	20.0	--- U	--- U	--- U
96. 1,4 Benzenediamine	2.99	10.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

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Drinking Water ID: 37715
Wastewater ID: 10

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Page: 3

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SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
97. Phorate	3.86	10.0	--- U	--- U	--- U
98. Pronamide	3.69	10.0	--- U	--- U	--- U
99. Safrole	4.12	10.0	--- U	--- U	--- U
100. 1,2,4,5-Tetrachlorobenzene	5.01	10.0	--- U	--- U	--- U
101. Thionazin	4.62	20.0	--- U	--- U	--- U
102. O-Toluidine	4.11	10.0	--- U	--- U	--- U
103. 1,3,5-Trinitrobenzene	3.98	10.0	--- U	--- U	--- U
104. 0,0,0-Triethyl Phosphorothioate	3.61	10.0	--- U	--- U	--- U
105. Hexachloroethane	1.49	10.0	--- U	--- U	--- U
106. Isodrin	3.11	20.0	--- U	--- U	--- U

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REVIEWED BY: 

LANDFILL APPENDIX II EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/31/11	05/31/11	06/02/11	06/02/11
	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow	Trip Blank
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	0.40 J	0.30 J	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	0.40 J	1.00	--- U
21. 1,2-Dichloroethane	0.21	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003
ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE REPORTED: 07/01/11

Page: 2

REVIEWED BY: 

LANDFILL APPENDIX II EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		05/31/11	05/31/11	06/02/11	06/02/11
	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow	Trip Blank
48. Acrolein	40.57	53.0	--- U	--- U	--- U	--- U
49. Allyl Chloride	0.20	10.0	--- U	--- U	--- U	--- U
50. Chloroprene	0.21	20.0	--- U	--- U	--- U	--- U
51. 1,3-Dichlorobenzene	0.41	5.0	--- U	--- U	--- U	--- U
52. Dichlorodifluoromethane	0.51	5.0	--- U	--- U	--- U	--- U
53. 1,3-Dichloropropane	0.28	1.0	--- U	--- U	--- U	--- U
54. 2,2-Dichloropropane	0.17	15.0	--- U	--- U	--- U	--- U
55. 1,1-Dichloropropene	0.22	5.0	--- U	--- U	--- U	--- U
56. Ethyl Methacrylate	0.16	10.0	--- U	--- U	--- U	--- U
57. Hexachlorobutadiene	0.57	10.0	--- U	--- U	--- U	--- U
58. Isobutyl Alcohol	12.80	100.0	--- U	--- U	--- U	--- U
59. Methacrylonitrile	1.93	100.0	--- U	--- U	--- U	--- U
60. Methyl Methacrylate	0.25	30.0	--- U	--- U	--- U	--- U
61. Naphthalene	0.47	10.0	--- U	--- U	--- U	--- U
62. Propionitrile	3.26	150.0	--- U	--- U	--- U	--- U
63. 1,2,4-Trichlorobenzene	0.50	10.0	--- U	--- U	--- U	--- U
64. Acetonitrile	36.29	55.0	--- U	--- U	--- U	--- U
65. Tetrahydrofuran	0.39	1.0	--- U	--- U	2.50	--- U

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

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CLIENT: 6003 Week: 23

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION		8260 App. II 1	8151A Landfill	CHLORINE NEUTRALIZED AT COLLECTION	PH CHECK (LAB)	CONTAINER TYPE, P/G	CHEMICAL PRESERVATION	PARAMETERS	CLASSIFICATION:
	DATE	TIME				<input type="checkbox"/> CHLORINE	<input type="checkbox"/> UV								
MW-3A	05	19/11	0940	15	12	<input type="checkbox"/>	<input type="checkbox"/>								
MW-4	05	19/11	1125	15	6	<input type="checkbox"/>	<input type="checkbox"/>								
MW-5	05	19/11	1025	16	5	<input type="checkbox"/>	<input type="checkbox"/>								
MW-6	05	18/11	1055	15	5	<input type="checkbox"/>	<input type="checkbox"/>								
MW-7	05	19/11	1110	15	5	<input type="checkbox"/>	<input type="checkbox"/>								
MW-8	05	19/11	0915	17	11	<input type="checkbox"/>	<input type="checkbox"/>								
Well #1 Shallow	05	19/11	0645	16	5	<input type="checkbox"/>	<input type="checkbox"/>								
Well #2 Shallow	05	19/11	1540	16	5	<input type="checkbox"/>	<input type="checkbox"/>								
Well #3 Shallow	05	19/11	1210	16	12	<input type="checkbox"/>	<input type="checkbox"/>								
Trip Blank					2	<input type="checkbox"/>	<input type="checkbox"/>								
REINQUISHED BY (SIG.) (SAMPLER)			DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)		DATE/TIME	COMMENTS:						
Bob Hooper			05 19/11	[Signature]	5/19/2002	[Signature]			SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY						
REINQUISHED BY (SIG.)			DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)		DATE/TIME	SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY						
[Signature]									SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY						

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 A

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/19/11
DATE REPORTED : 06/08/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-9A	MW-10	MW-11	MW-13	Well #12	Analysis		Method
							Shallow	Date	Analyst	Code
PH (field measurement), Units			7.3	6.7	7.2	5.9	6.4	05/19/11	RJH	SM4500HB
Antimony, ug/l	0.14	6.0	--- U	--- U	--- U	--- U	0.47 J	05/26/11	LFJ	EPA200.8
Arsenic, ug/l	0.10	10.0	0.60 J	0.52 J	--- U	0.29 J	5.9 J	05/26/11	LFJ	EPA200.8
Barium, ug/l	0.02	100.0	50.7 J	89.2 J	19.2 J	92.3 J	346	05/26/11	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U	0.29 J	0.31 J	0.12 J	--- U	05/26/11	LFJ	EPA200.8
Cadmium, ug/l	0.02	1.0	0.05 J	0.80 J	0.17 J	0.16 J	0.10 J	05/26/11	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	0.09 J	2.2 J	0.26 J	1.2 J	1.5 J	05/26/11	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	0.29 J	1.7 J	0.67 J	2.1 J	1.5 J	05/26/11	LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.17 J	0.83 J	0.23 J	0.51 J	2.6 J	05/26/11	LFJ	EPA200.8
Lead, ug/l	0.02	10.0	0.16 J	1.2 J	0.10 J	0.80 J	0.83 J	05/26/11	LFJ	EPA200.8
Nickel, ug/l	0.04	50.0	0.77 J	1.1 J	1.2 J	2.1 J	6.8 J	05/26/11	LFJ	EPA200.8
Selenium, ug/l	0.20	10.0	--- U	1.1 J	--- U	0.38 J	1.7 J	05/26/11	LFJ	EPA200.8
Silver, ug/l	0.02	10.0	--- U	05/26/11	LFJ	EPA200.8				
Thallium, ug/l	0.02	5.5	--- U	0.05 J	--- U	0.04 J	0.08 J	05/26/11	LFJ	EPA200.8
Vanadium, ug/l	0.14	25.0	1.2 J	3.1 J	0.54 J	1.00 J	2.9 J	05/26/11	LFJ	EPA200.8
Zinc, ug/l	0.24	10.0	3.2 J	3.5 J	2.1 J	32	3.5 J	05/26/11	LFJ	EPA200.8
Conductivity (at 25c), uMhos	1.0	1.0	411	889	600	422	1522	05/19/11	RJH	SM2510B
Temperature, °C			16	15	15	17	16	05/19/11	RJH	SM2550B
Static Water Level, feet			7.01	4.28	4.23	8.68	5.18	05/19/11	RJH	
Well Depth, feet			23.17	22.73	23.84	22.68	22.53	05/19/11	RJH	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 A

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/19/11
DATE REPORTED : 06/08/11

REVIEWED BY: 

PARAMETERS	MDL	MW-145		Analysis		Method Code
		SWSL		Date	Analyst	
PH (field measurement), Units			5.7	05/19/11	RJH	SM4500HB
Antimony, ug/l	0.14	6.0	---	05/26/11	LFJ	EPA200.8
Arsenic, ug/l	0.10	10.0	1.5	05/26/11	LFJ	EPA200.8
Barium, ug/l	0.02	100.0	127	05/26/11	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	0.20	05/26/11	LFJ	EPA200.8
Cadmium, ug/l	0.02	1.0	0.12	05/26/11	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	0.18	05/26/11	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	0.81	05/26/11	LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.48	05/26/11	LFJ	EPA200.8
Lead, ug/l	0.02	10.0	4.4	05/26/11	LFJ	EPA200.8
Nickel, ug/l	0.04	50.0	0.86	05/26/11	LFJ	EPA200.8
Selenium, ug/l	0.20	10.0	0.44	05/26/11	LFJ	EPA200.8
Silver, ug/l	0.02	10.0	---	05/26/11	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	0.04	05/26/11	LFJ	EPA200.8
Vanadium, ug/l	0.14	25.0	11.8	05/26/11	LFJ	EPA200.8
Zinc, ug/l	0.24	10.0	2.6	05/26/11	LFJ	EPA200.8
Conductivity (at 25c), uMhos	1.0	1.0	369	05/19/11	RJH	SM2510B
Temperature, °C			16	05/19/11	RJH	SM2550B
Static Water Level, feet			4.57	05/19/11	RJH	
Well Depth, feet			23.12	05/19/11	RJH	

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Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 A

ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE ANALYZED: 05/31/11
DATE REPORTED: 06/08/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-9A	MW-10	MW-11	MW-13	Well #12 Shallow
1. Chloromethane	0.77	1.0	--- U				
2. Vinyl Chloride	0.63	1.0	--- U				
3. Bromomethane	0.67	10.0	--- U				
4. Chloroethane	0.48	10.0	--- U				
5. Trichlorofluoromethane	0.24	1.0	--- U				
6. 1,1-Dichloroethene	0.17	5.0	--- U				
7. Acetone	9.06	100.0	--- U				
8. Iodomethane	0.26	10.0	--- U				
9. Carbon Disulfide	0.23	100.0	--- U				
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U	0.90 J
11. trans-1,2-Dichloroethene	0.23	5.0	--- U				
12. 1,1-Dichloroethane	0.20	5.0	--- U				
13. Vinyl Acetate	0.20	50.0	--- U				
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U	0.60 J
15. 2-Butanone	2.21	100.0	--- U				
16. Bromochloromethane	0.27	3.0	--- U				
17. Chloroform	0.25	5.0	--- U				
18. 1,1,1-Trichloroethane	0.19	1.0	--- U				
19. Carbon Tetrachloride	0.22	1.0	--- U				
20. Benzene	0.24	1.0	--- U				
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U	0.60 J
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U	0.70 J
23. 1,2-Dichloropropane	0.21	1.0	--- U				
24. Bromodichloromethane	0.21	1.0	--- U				
25. Cis-1,3-Dichloropropane	0.24	1.0	--- U				
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U				
27. Toluene	0.23	1.0	--- U				
28. trans-1,3-Dichloropropane	0.28	1.0	--- U				
29. 1,1,2-Trichloroethane	0.25	1.0	--- U				
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U	0.20 J
31. 2-Hexanone	1.57	50.0	--- U				
32. Dibromochloromethane	0.24	3.0	--- U				
33. 1,2-Dibromoethane	0.26	1.0	--- U				
34. Chlorobenzene	0.30	3.0	--- U				
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U				
36. Ethylbenzene	0.21	1.0	--- U				
37. Xylenes	0.68	5.0	--- U				
38. Dibromomethane	0.28	10.0	--- U				
39. Styrene	0.19	1.0	--- U				
40. Bromoform	0.20	3.0	--- U				
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U				
42. 1,2,3-Trichloropropane	0.43	1.0	--- U				
43. 1,4-Dichlorobenzene	0.39	1.0	--- U				
44. 1,2-Dichlorobenzene	0.32	5.0	--- U				
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U				
46. Acrylonitrile	2.72	200.0	--- U				
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U				
48. Tetrahydrofuran	0.39	1.0	--- U				

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

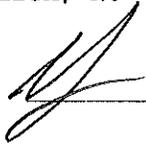
PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 A

ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE ANALYZED: 05/31/11
DATE REPORTED: 06/08/11

Page: 2

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-148
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U
48. Tetrahydrofuran	0.39	1.0	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 C

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

DATE COLLECTED: 05/19/11
DATE REPORTED : 06/08/11

REVIEWED BY: 

PARAMETERS	MDL	SW-1 SW-2 SW-3 SW-4				Analysis		Method
		SWSL				Date	Analyst	Code
PH (field measurement), Units			6.0	6.7	6.8	6.5	05/19/11 RJH	SM4500HB
Antimony, ug/l	0.14	6.0	--- U	0.20 J	--- U	0.29 J	05/26/11 Lfj	EPA200.8
Arsenic, ug/l	0.10	10.0	3.1 J	0.82 J	1.1 J	1.3 J	05/26/11 Lfj	EPA200.8
Barium, ug/l	0.02	100.0	70.8 J	71.6 J	77.8 J	137	05/26/11 Lfj	EPA200.8
Beryllium, ug/l	0.02	1.0	0.12 J	0.06 J	---	0.57 J	05/26/11 Lfj	EPA200.8
Cadmium, ug/l	0.02	1.0	0.22 J	0.11 J	0.29 J	0.14 J	05/26/11 Lfj	EPA200.8
Cobalt, ug/l	0.03	10.0	0.84 J	1.5 J	0.42 J	1.6 J	05/26/11 Lfj	EPA200.8
Copper, ug/l	0.02	10.0	1.7 J	0.94 J	1.1 J	1.5 J	05/26/11 Lfj	EPA200.8
Total Chromium, ug/l	0.04	10.0	1.8 J	0.58 J	0.99 J	3.1 J	05/26/11 Lfj	EPA200.8
Lead, ug/l	0.02	10.0	4.3 J	0.50 J	0.28 J	5.7 J	05/26/11 Lfj	EPA200.8
Nickel, ug/l	0.04	50.0	1.3 J	1.8 J	1.1 J	1.5 J	05/26/11 Lfj	EPA200.8
Selenium, ug/l	0.20	10.0	0.30 J	0.22 J	0.64 J	0.33 J	05/26/11 Lfj	EPA200.8
Silver, ug/l	0.02	10.0	---	---	0.04 J	---	05/26/11 Lfj	EPA200.8
Thallium, ug/l	0.02	5.5	0.05 J	---	---	0.09 J	05/26/11 Lfj	EPA200.8
Vanadium, ug/l	0.14	25.0	6.8 J	0.86 J	0.93 J	7.2 J	05/26/11 Lfj	EPA200.8
Zinc, ug/l	0.24	10.0	9.6 J	12	5.8 J	9.4 J	05/26/11 Lfj	EPA200.8
Conductivity (at 25c), uMhos	1.0	1.0	129	183	412	149	05/19/11 RJH	SM2510B
Temperature, °C			17	19	18	22	05/19/11 RJH	SM2550B

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 C

ANALYST: MAO
DATE COLLECTED: 05/19/11
DATE ANALYZED: 05/31/11
DATE REPORTED: 06/08/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	SW-1	SW-2	SW-3	SW-4
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U	0.40 J
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	0.60 J	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

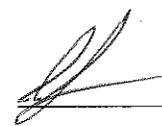
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 C

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	SW-1	SW-2	SW-3	SW-4	Analysis		Method
							Date	Analyst	Code
PH (field measurement), Units			6.0	6.8	6.5	6.5	11/15/11	RJH	SM4500HB
Antimony, ug/l	0.14	6.0	--- U	--- U	--- U	--- U	11/22/11	CMF	EPA200.8
Arsenic, ug/l	0.10	10.0	2.0 J	2.5 J	0.99 J	0.51 J	11/22/11	CMF	EPA200.8
Barium, ug/l	0.02	100.0	48.7 J	69.4 J	73.3 J	81.2 J	11/22/11	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U	0.06 J	0.09 J	0.10 J	11/22/11	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	--- U	--- U	0.14 J	0.05 J	11/22/11	CMF	EPA200.8
Cobalt, ug/l	0.03	10.0	0.50 J	0.75 J	1.3 J	0.86 J	11/22/11	CMF	EPA200.8
Copper, ug/l	0.02	10.0	0.17 J	0.46 J	0.30 J	---	11/22/11	CMF	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.74 J	1.2 J	0.63 J	0.46 J	11/22/11	CMF	EPA200.8
Lead, ug/l	0.02	10.0	0.95 J	0.79 J	1.1 J	0.29 J	11/22/11	CMF	EPA200.8
Nickel, ug/l	0.04	50.0	0.88 J	0.99 J	0.76 J	0.55 J	11/22/11	CMF	EPA200.8
Selenium, ug/l	0.20	10.0	0.20 J	0.29 J	0.21 J	---	11/22/11	CMF	EPA200.8
Silver, ug/l	0.02	10.0	--- U	--- U	---	---	11/22/11	CMF	EPA200.8
Thallium, ug/l	0.02	5.5	--- U	--- U	0.12 J	0.09 J	11/22/11	CMF	EPA200.8
Vanadium, ug/l	0.14	25.0	2.2 J	3.4 J	1.1 J	0.88 J	11/22/11	CMF	EPA200.8
Zinc, ug/l	0.24	10.0	1.9 J	8.2 J	16	2.4 J	11/22/11	CMF	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	114	219	199	136	11/15/11	RJH	SM2510B
Temperature, °C			17	18	20	20	11/15/11	RJH	SM2550B

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

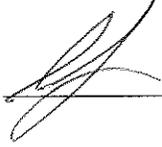
PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 C

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/24/11
DATE REPORTED: 11/30/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	SW-1	SW-2	SW-3	SW-4
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	0.40 J	0.40 J	0.40 J
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 B

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	MW-1D SWSL	MW-2D	MW-3D	MW-14D	Analysis		Method Code
						Date	Analyst	
PH (field measurement), Units		Missing	9.3	7.8	7.5	11/15/11	RJH	SM4500HB
Antimony, ug/l	0.14	6.0 Missing	--- U	--- U	--- U	11/22/11	CMF	EPA200.8
Arsenic, ug/l	0.10	10.0 Missing	0.48 J	0.36 J	0.32 J	11/22/11	CMF	EPA200.8
Barium, ug/l	0.02	100.0 Missing	2.0 J	7.6 J	9.9 J	11/22/11	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0 Missing	--- U	--- U	--- U	11/22/11	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0 Missing	0.09 J	0.24 J	0.43 J	11/22/11	CMF	EPA200.8
Cobalt, ug/l	0.03	10.0 Missing	--- U	0.05 J	0.08 J	11/22/11	CMF	EPA200.8
Copper, ug/l	0.02	10.0 Missing	0.15 J	0.52 J	0.66 J	11/22/11	CMF	EPA200.8
Total Chromium, ug/l	0.04	10.0 Missing	--- U	0.15 J	--- U	11/22/11	CMF	EPA200.8
Lead, ug/l	0.02	10.0 Missing	0.06 J	0.08 J	0.17 J	11/22/11	CMF	EPA200.8
Nickel, ug/l	0.04	50.0 Missing	1.3 J	0.71 J	1.4 J	11/22/11	CMF	EPA200.8
Selenium, ug/l	0.20	10.0 Missing	0.38 J	--- U	--- U	11/22/11	CMF	EPA200.8
Silver, ug/l	0.02	10.0 Missing	--- U	--- U	--- U	11/22/11	CMF	EPA200.8
Thallium, ug/l	0.02	5.5 Missing	--- U	--- U	--- U	11/22/11	CMF	EPA200.8
Vanadium, ug/l	0.14	25.0 Missing	2.0 J	0.40 J	0.30 J	11/22/11	CMF	EPA200.8
Zinc, ug/l	0.24	10.0 Missing	1.1 J	1.7 J	3.2 J	11/22/11	CMF	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0 Missing	282	533	517	11/15/11	RJH	SM2510B
Temperature, °C		Missing	20	20	22	11/15/11	RJH	SM2550B
Static Water Level, feet		Missing	12.33	12.65	5.74	11/15/11	RJH	
Well Depth, feet		Missing	52.45	52.28	41.92	11/15/11	RJH	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 B

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE REPORTED: 11/30/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		11/23/11	11/24/11	11/24/11
	MDL	SWSL	MW-2D	MW-3D	MW-14D
1. Chloromethane	0.77	1.0	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

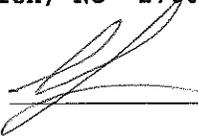
PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 B

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE REPORTED: 11/30/11

Page: 2

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		11/23/11	11/24/11	11/24/11
	MDL	SWSL	MW-2D	MW-3D	MW-14D
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	--- U

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 A

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-9A	MW-10	MW-11	MW-13	MW-12s	Analysis	Method
								Date	Analyst
PH (field measurement), Units			7.4	6.9	7.2	5.7	7.5	11/15/11 RJH	SM4500HB
Antimony, ug/l	0.14	6.0	--- U	--- U	--- U	--- U	0.51 J	11/22/11 CMF	EPA200.8
Arsenic, ug/l	0.43	10.0	0.50 J	2.5 J	0.23 J	0.52 J		11/22/11 CMF	EPA200.8
Arsenic, ug/l	0.43	10.0					11	11/25/11 CMF	SM3113B
Barium, ug/l	0.02	100.0	43.6 J	43.6 J	17.3 J	67.8 J	467	11/22/11 CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U	0.16 J	0.10 J	0.14 J	--- U	11/22/11 CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.08 J	0.08 J	0.13 J	0.13 J	0.06 J	11/22/11 CMF	EPA200.8
Cobalt, ug/l	0.03	10.0	0.11 J	0.26 J	0.20 J	0.60 J	0.84 J	11/22/11 CMF	EPA200.8
Copper, ug/l	0.02	10.0	0.05 J	0.18 J	0.09 J	0.82 J	0.53 J	11/22/11 CMF	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.23 J	0.86 J	--- U	0.57 J	14	11/22/11 CMF	EPA200.8
Lead, ug/l	0.02	10.0	0.16 J	1.9 J	0.12 J	0.93 J	0.64 J	11/22/11 CMF	EPA200.8
Nickel, ug/l	0.04	50.0	0.78 J	1.3 J	1.2 J	1.3 J	7.6 J	11/22/11 CMF	EPA200.8
Selenium, ug/l	0.20	10.0	--- U	0.62 J	--- U	0.78 J	2.5 J	11/22/11 CMF	EPA200.8
Silver, ug/l	0.02	10.0	--- U	11/22/11 CMF	EPA200.8				
Thallium, ug/l	0.02	5.5	0.08 J	0.05 J	0.12 J	0.07 J	0.04 J	11/22/11 CMF	EPA200.8
Vanadium, ug/l	0.14	25.0	1.3 J	9.2 J	0.55 J	1.4 J	4.8 J	11/22/11 CMF	EPA200.8
Zinc, ug/l	0.24	10.0	2.3 J	1.7 J	1.9 J	3.2 J	1.8 J	11/22/11 CMF	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	794	794	474	267	1867	11/15/11 RJH	SM2510B
Temperature, °C			20	20	19	22	20	11/15/11 RJH	SM2550B
Static Water Level, feet			6.12	3.92	3.25	8.59	4.67	11/15/11 RJH	
Well Depth, feet			23.17	22.73	23.84	22.68	22.93	11/15/11 RJH	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003 A

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH , NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	MW-14S		Analysis		Method Code
		SWSL		Date	Analyst	
PH (field measurement), Units			6.1	11/15/11	RJH	SM4500HB
Antimony, ug/l	0.14	6.0	---	U	11/22/11	CMF EPA200.8
Arsenic, ug/l	0.10	10.0	1.7	J	11/22/11	CMF EPA200.8
Barium, ug/l	0.02	100.0	223		11/22/11	CMF EPA200.8
Beryllium, ug/l	0.02	1.0	0.29	J	11/22/11	CMF EPA200.8
Cadmium, ug/l	0.02	1.0	0.29	J	11/22/11	CMF EPA200.8
Cobalt, ug/l	0.03	10.0	0.42	J	11/22/11	CMF EPA200.8
Copper, ug/l	0.02	10.0	0.59	J	11/22/11	CMF EPA200.8
Total Chromium, ug/l	0.04	10.0	1.3	J	11/22/11	CMF EPA200.8
Lead, ug/l	0.02	10.0	3.2	J	11/22/11	CMF EPA200.8
Nickel, ug/l	0.04	50.0	2.0	J	11/22/11	CMF EPA200.8
Selenium, ug/l	0.20	10.0	0.33	J	11/22/11	CMF EPA200.8
Silver, ug/l	0.02	10.0	---	U	11/22/11	CMF EPA200.8
Thallium, ug/l	0.02	5.5	0.05	J	11/22/11	CMF EPA200.8
Vanadium, ug/l	0.14	25.0	8.4	J	11/22/11	CMF EPA200.8
Zinc, ug/l	0.24	10.0	4.7	J	11/22/11	CMF EPA200.8
Conductivity (at 25c), uNhos/cm	1.0	1.0	721		11/15/11	RJH SM2510B
Temperature, °C			21		11/15/11	RJH SM2550B
Static Water Level, feet			4.57		11/15/11	RJH
Well Depth, feet			23.12		11/15/11	RJH

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P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 A

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-9A	MW-10	MW-11	MW-13	MW-12s
1. Chloromethane	0.77	1.0	--- U				
2. Vinyl Chloride	0.63	1.0	--- U				
3. Bromomethane	0.67	10.0	--- U				
4. Chloroethane	0.48	10.0	--- U				
5. Trichlorofluoromethane	0.24	1.0	--- U				
6. 1,1-Dichloroethene	0.17	5.0	--- U				
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U	10.10 J
8. Iodomethane	0.26	10.0	--- U				
9. Carbon Disulfide	0.23	100.0	--- U				
10. Methylene Chloride	0.64	1.0	--- U				
11. trans-1,2-Dichloroethene	0.23	5.0	--- U				
12. 1,1-Dichloroethane	0.20	5.0	--- U				
13. Vinyl Acetate	0.20	50.0	--- U				
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U	1.20 J
15. 2-Butanone	2.21	100.0	--- U				
16. Bromochloromethane	0.27	3.0	--- U				
17. Chloroform	0.25	5.0	--- U				
18. 1,1,1-Trichloroethane	0.19	1.0	--- U				
19. Carbon Tetrachloride	0.22	1.0	--- U				
20. Benzene	0.24	1.0	--- U	--- U	--- U	--- U	0.30 J
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U	0.40 J
22. Trichloroethene	0.23	1.0	--- U				
23. 1,2-Dichloropropane	0.21	1.0	--- U				
24. Bromodichloromethane	0.21	1.0	--- U				
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U				
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U				
27. Toluene	0.23	1.0	--- U				
28. trans-1,3-Dichloropropene	0.28	1.0	--- U				
29. 1,1,2-Trichloroethane	0.25	1.0	--- U				
30. Tetrachloroethene	0.17	1.0	--- U				
31. 2-Hexanone	1.57	50.0	--- U				
32. Dibromochloromethane	0.24	3.0	--- U				
33. 1,2-Dibromoethane	0.26	1.0	--- U				
34. Chlorobenzene	0.30	3.0	--- U				
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U				
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U	0.60 J
37. Xylenes	0.68	5.0	--- U				
38. Dibromomethane	0.28	10.0	--- U				
39. Styrene	0.19	1.0	--- U				
40. Bromoform	0.20	3.0	--- U				
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U				
42. 1,2,3-Trichloropropane	0.43	1.0	--- U				
43. 1,4-Dichlorobenzene	0.39	1.0	--- U				
44. 1,2-Dichlorobenzene	0.32	5.0	--- U				
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U				
46. Acrylonitrile	2.72	200.0	--- U				
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U				
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	--- U	--- U	4.20

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003 A
ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

Page: 2

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-14S
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U
48. Tetrahydrofuran	0.39	1.0	0.90 J

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

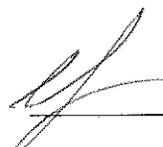
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-3A	MW-4	MW-5	MW-6	MW-7	Analysis		Method	
								Date	Analyst	Code	
PH (field measurement), Units			6.5	6.1	6.5	6.6	6.5	11/15/11	RJH	SM4500HB	
Cyanide, ug/l	5.0	10.0	---	U				11/21/11	SRJ	SM4500 CN-	
Antimony, ug/l	0.14	6.0	---	U	0.55 J	---	U	---	U	EPA200.8	
Arsenic, ug/l	0.10	10.0	2.2 J	1.9 J	3.3 J	2.4 J	0.81 J	11/18/11	CMF	EPA200.8	
Barium, ug/l	0.02	100.0	70.7 J	183	150	157	67.4 J	11/18/11	CMF	EPA200.8	
Beryllium, ug/l	0.02	1.0	---	U	0.65 J	0.24 J	0.06 J	0.06 J	11/18/11	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.36 J	0.43 J	0.69 J	0.29 J	0.38 J	11/18/11	CMF	EPA200.8	
Cobalt, ug/l	0.03	10.0	15	0.76 J	1.6 J	1.1 J	1.2 J	11/18/11	CMF	EPA200.8	
Copper, ug/l	0.02	10.0	0.88 J	1.1 J	7.1 J	1.7 J	0.93 J	11/18/11	CMF	EPA200.8	
Total Chromium, ug/l	0.04	10.0	0.67 J	3.7 J	9.5 J	2.7 J	0.92 J	11/18/11	CMF	EPA200.8	
Lead, ug/l	0.02	10.0	0.17 J	7.3 J	2.1 J	0.24 J	0.29 J	11/18/11	CMF	EPA200.8	
Mercury, ug/l	0.05	0.20	0.06 J					11/18/11	CMF	EPA200.8	
Nickel, ug/l	0.04	50.0	3.6 J	1.8 J	6.9 J	2.7 J	1.5 J	11/18/11	CMF	EPA200.8	
Selenium, ug/l	0.20	10.0	2.3 J	0.61 J	5.9 J	1.6 J	1.1 J	11/18/11	CMF	EPA200.8	
Silver, ug/l	0.02	10.0	---	U	---	U	---	U	---	U	
Thallium, ug/l	0.02	5.5	0.14 J	0.05 J	0.16 J	0.08 J	0.08 J	11/18/11	CMF	EPA200.8	
Tin, ug/l	0.16	100.0	0.47 J					11/18/11	CMF	EPA200.8	
Vanadium, ug/l	0.14	25.0	0.88 J	8.5 J	2.4 J	3.3 J	1.2 J	11/18/11	CMF	EPA200.8	
Zinc, ug/l	0.24	10.0	4.7 J	9.4 J	7.7 J	3.3 J	1.8 J	11/18/11	CMF	EPA200.8	
Turbidity, NTU	1.0	1.0	140	150	20	16	25	11/16/11	MEL	SM2130B	
Sulfide, ug/l	100	1000	---	U				11/18/11	LFJ	SM4500-S2D	
Conductivity (at 25c), uMhos/cm	1.0	1.0	1677	551	3004	1166	681	11/15/11	RJH	SM2510B	
Temperature, °C			20	20	221	20	20	11/15/11	RJH	SM2550B	
Static Water Level, feet			11.10	6.50	6.26	9.42	8.26	11/15/11	RJH		
Well Depth, feet			23.44	15.98	21.06	16.65	16.33	11/15/11	RJH		

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

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Wastewater ID: 10

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JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

DATE COLLECTED: 11/15/11
DATE REPORTED : 11/30/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-8	Well #1	Well #2	Well #3	Trip	Analysis	Method
				Shallow	Shallow	Shallow	Blank	Date	Analyst
PH (field measurement), Units			6.4	6.1	5.8	6.4		11/15/11 RJH	SM4500HB
Cyanide, ug/l	5.0	10.0	---	U			---	U	11/21/11 SEJ SM4500 CN-
Antimony, ug/l	0.14	6.0	---	U	---	U			11/18/11 CMF EPA200.8
Antimony, ug/l	0.14	6.0					---	U	11/22/11 CMF EPA200.8
Arsenic, ug/l	0.10	10.0	2.7	J	1.1	J	0.90	J	11/18/11 CMF EPA200.8
Arsenic, ug/l	0.10	10.0					4.9	J	11/22/11 CMF EPA200.8
Barium, ug/l	0.02	100.0	184		58.7	J	34.3	J	11/18/11 CMF EPA200.8
Barium, ug/l	0.02	100.0					484		11/22/11 CMF EPA200.8
Beryllium, ug/l	0.02	1.0	0.24	J	0.26	J	0.07	J	11/18/11 CMF EPA200.8
Beryllium, ug/l	0.02	1.0						---	U
Cadmium, ug/l	0.02	1.0	0.13	J	0.37	J	0.17	J	11/18/11 CMF EPA200.8
Cadmium, ug/l	0.02	1.0					0.12	J	11/22/11 CMF EPA200.8
Cobalt, ug/l	0.03	10.0	17		0.48	J	1.1	J	11/18/11 CMF EPA200.8
Cobalt, ug/l	0.03	10.0					6.8	J	11/22/11 CMF EPA200.8
Copper, ug/l	0.02	10.0	0.69	J	0.89	J	0.49	J	11/18/11 CMF EPA200.8
Copper, ug/l	0.02	10.0					1.5	J	11/22/11 CMF EPA200.8
Total Chromium, ug/l	0.04	10.0	2.1	J	0.66	J	0.29	J	11/18/11 CMF EPA200.8
Total Chromium, ug/l	0.04	10.0					1.7	J	11/22/11 CMF EPA200.8
Lead, ug/l	0.02	10.0	1.2	J	1.7	J	0.68	J	11/18/11 CMF EPA200.8
Lead, ug/l	0.02	10.0					0.42	J	11/22/11 CMF EPA200.8
Mercury, ug/l	0.05	0.20	---	U					11/18/11 CMF EPA200.8
Mercury, ug/l	0.05	0.20						---	U
Nickel, ug/l	0.04	50.0	5.4	J	1.4	J	1.2	J	11/18/11 CMF EPA200.8
Nickel, ug/l	0.04	50.0					4.3	J	11/22/11 CMF EPA200.8
Selenium, ug/l	0.20	10.0	1.9	J	1.2	J	1.3	J	11/18/11 CMF EPA200.8
Selenium, ug/l	0.20	10.0					6.6	J	11/22/11 CMF EPA200.8
Silver, ug/l	0.02	10.0	---	U	---	U	---	U	11/18/11 CMF EPA200.8
Silver, ug/l	0.02	10.0					0.04	J	11/22/11 CMF EPA200.8
Thallium, ug/l	0.02	5.5	---	U	---	U	0.07	J	11/18/11 CMF EPA200.8
Thallium, ug/l	0.02	5.5					0.24	J	11/22/11 CMF EPA200.8
Tin, ug/l	0.16	100.0	0.24	J					11/18/11 CMF EPA200.8
Tin, ug/l	0.16	100.0					0.26	J	11/22/11 CMF EPA200.8
Vanadium, ug/l	0.14	25.0	4.1	J	2.5	J	0.75	J	11/18/11 CMF EPA200.8
Vanadium, ug/l	0.14	25.0					3.0	J	11/22/11 CMF EPA200.8
Zinc, ug/l	0.24	10.0	5.3	J	3.2	J	2.0	J	11/18/11 CMF EPA200.8
Zinc, ug/l	0.24	10.0					2.7	J	11/22/11 CMF EPA200.8
Turbidity, NTU	1.0	1.0	320		31		17		11/16/11 MEL SM2130B
Sulfide, ug/l	100	1000	---	U			2795		11/18/11 LFF SM4500-S2D
Conductivity (at 25c), uMhos/cm	1.0	1.0	1603		782		1880	-	402 11/15/11 RJH SM2510B
Temperature, °C			22		20		22		22 11/15/11 RJH SM2550B
Static Water Level, feet			9.45		8.20		9.56		11.73 11/15/11 RJH
Well Depth, feet			20.36		17.21		16.57		22.24 11/15/11 RJH

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Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

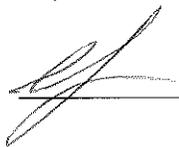
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 11/15/11 Page: 1
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-4	MW-5	MW-6	MW-7	Well #1 Shallow
1. Chloromethane	0.77	1.0	--- U				
2. Vinyl Chloride	0.63	1.0	--- U				
3. Bromomethane	0.67	10.0	--- U				
4. Chloroethane	0.48	10.0	--- U				
5. Trichlorofluoromethane	0.24	1.0	--- U				
6. 1,1-Dichloroethene	0.17	5.0	--- U				
7. Acetone	9.06	100.0	--- U				
8. Iodomethane	0.26	10.0	--- U				
9. Carbon Disulfide	0.23	100.0	--- U				
10. Methylene Chloride	0.64	1.0	--- U				
11. trans-1,2-Dichloroethene	0.23	5.0	--- U				
12. 1,1-Dichloroethane	0.20	5.0	--- U				
13. Vinyl Acetate	0.20	50.0	--- U				
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U				
15. 2-Butanone	2.21	100.0	--- U				
16. Bromochloromethane	0.27	3.0	--- U				
17. Chloroform	0.25	5.0	--- U				
18. 1,1,1-Trichloroethane	0.19	1.0	--- U				
19. Carbon Tetrachloride	0.22	1.0	--- U				
20. Benzene	0.24	1.0	--- U				
21. 1,2-Dichloroethane	0.27	1.0	--- U				
22. Trichloroethene	0.23	1.0	--- U				
23. 1,2-Dichloropropane	0.21	1.0	--- U				
24. Bromodichloromethane	0.21	1.0	--- U				
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U				
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U				
27. Toluene	0.23	1.0	--- U				
28. trans-1,3-Dichloropropene	0.28	1.0	--- U				
29. 1,1,2-Trichloroethane	0.25	1.0	--- U				
30. Tetrachloroethene	0.17	1.0	--- U				
31. 2-Hexanone	1.57	50.0	--- U				
32. Dibromochloromethane	0.24	3.0	--- U				
33. 1,2-Dibromoethane	0.26	1.0	--- U				
34. Chlorobenzene	0.30	3.0	--- U				
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U				
36. Ethylbenzene	0.21	1.0	--- U				
37. Xylenes	0.68	5.0	--- U				
38. Dibromomethane	0.28	10.0	--- U				
39. Styrene	0.19	1.0	--- U				
40. Bromoform	0.20	3.0	--- U				
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U				
42. 1,2,3-Trichloropropane	0.43	1.0	--- U				
43. 1,4-Dichlorobenzene	0.39	1.0	--- U				
44. 1,2-Dichlorobenzene	0.32	5.0	--- U				
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U				
46. Acrylonitrile	2.72	200.0	--- U				
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U				
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	1.90	--- U	1.40

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

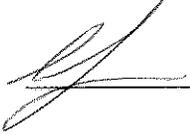
PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

Page: 2

REVIEWED BY: 

VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	Well #2 Shallow
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U
48. Tetrahydrofuran	0.39	1.0	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003
ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

Page: 1

REVIEWED BY: 

LANDFILL APPENDIX II EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow	Trip Blank
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	0.60 J	0.40 J	1.10	--- U
21. 1,2-Dichloroethane	0.21	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U
48. Acrolein	40.57	53.0	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 11/15/11
DATE ANALYZED: 11/23/11
DATE REPORTED: 11/30/11

Page: 2

REVIEWED BY: 

LANDFILL APPENDIX II EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow	Trip Blank
49. Allyl Chloride	0.20	10.0	--- U	--- U	--- U	--- U
50. Chloroprene	0.21	20.0	--- U	--- U	--- U	--- U
51. 1,3-Dichlorobenzene	0.41	5.0	--- U	--- U	--- U	--- U
52. Dichlorodifluoromethane	0.51	5.0	--- U	--- U	--- U	--- U
53. 1,3-Dichloropropane	0.28	1.0	--- U	--- U	--- U	--- U
54. 2,2-Dichloropropane	0.17	15.0	--- U	--- U	--- U	--- U
55. 1,1-Dichloropropene	0.22	5.0	--- U	--- U	--- U	--- U
56. Ethyl Methacrylate	0.16	10.0	--- U	--- U	--- U	--- U
57. Hexachlorobutadiene	0.57	10.0	--- U	--- U	--- U	--- U
58. Isobutyl Alcohol	12.80	100.0	--- U	--- U	--- U	--- U
59. Methacrylonitrile	1.93	100.0	--- U	--- U	--- U	--- U
60. Methyl Methacrylate	0.25	30.0	--- U	--- U	--- U	--- U
61. Naphthalene	0.47	10.0	--- U	--- U	--- U	--- U
62. Propionitrile	3.26	150.0	--- U	--- U	--- U	--- U
63. 1,2,4-Trichlorobenzene	0.50	10.0	--- U	--- U	--- U	--- U
64. Acetonitrile	36.29	55.0	--- U	--- U	--- U	--- U
65. Tetrahydrofuran	0.39	1.0	3.30	3.90	6.70	--- U

U = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003
ANALYST: CHS
DATE COLLECTED: 11/30/11
DATE EXTRACTED: 12/01/11
DATE ANALYZED: 12/19/11
DATE REPORTED: 12/27/11

REVIEWED BY: 

PESTICIDES AND PCB'S EPA METHOD 8081B

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
1. Aldrin	0.029	0.05	--- U	--- U	--- U
2. Alpha-BHC	0.032	0.05	--- U	--- U	--- U
3. Beta-BHC	0.031	0.05	--- U	--- U	--- U
4. Delta-BHC	0.030	0.05	--- U	--- U	--- U
5. Gamma-BHC (Lindane)	0.032	0.05	--- U	--- U	--- U
6. Chlordane	0.320	0.50	--- U	--- U	--- U
7. 4,4-DDD	0.051	0.10	--- U	--- U	--- U
8. 4,4-DDE	0.049	0.10	--- U	--- U	--- U
9. 4,4-DDT	0.052	0.10	--- U	--- U	--- U
10. Dieldrin	0.042	0.075	--- U	--- U	--- U
11. Endosulfan I	0.056	0.10	--- U	--- U	--- U
12. Endosulfan II	0.046	0.10	--- U	--- U	--- U
13. Endosulfan Sulfate	0.072	0.10	--- U	--- U	--- U
14. Endrin	0.053	0.10	--- U	--- U	--- U
15. Endrin Aldehyde	0.068	0.10	--- U	--- U	--- U
16. Heptachlor	0.039	0.05	--- U	--- U	--- U
17. Heptachlor Epoxide	0.042	0.075	--- U	--- U	--- U
18. Methoxychlor	0.530	1.00	--- U	--- U	--- U
19. Pcb's (Aroclors)	0.500	2.00	--- U	--- U	--- U
20. Toxaphene	0.690	1.50	--- U	--- U	--- U

NOTE: Surrogate recoveries not within set control limits

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 11/30/11
DATE EXTRACTED: 12/07/11
DATE ANALYZED: 12/20/11
DATE REPORTED: 12/27/11

REVIEWED BY: 

LANDFILL APPENDIX II EPA METHOD 8151A

PARAMETERS, ug/l			MW-3A	MW-8	Well #3
	MDL	SWSL			Shallow
1. 2,4-D	0.36	2.0	--- U	--- U	--- U
2. Dinoseb	0.54	1.0	--- U	--- U	--- U
3. 2,4,5-TP	0.42	2.0	--- U	--- U	--- U
4. 2,4,5-T	0.47	2.0	--- U	--- U	--- U

NOTE: Dinoseb recovery was not within control limits due to sample matrix interference

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

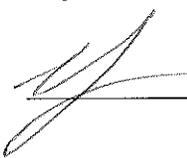
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C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 11/30/11
DATE EXTRACTED: 12/01/11
DATE ANALYZED: 12/20/11
DATE REPORTED: 12/27/11

Page: 1

REVIEWED BY: 

SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
1. Acenaphthene	2.66	10.0	--- U	--- U	--- U
2. Acenaphthylene	2.60	10.0	--- U	--- U	--- U
3. Anthracene	2.97	10.0	--- U	--- U	--- U
4. Benzo[a]anthracene	4.16	10.0	--- U	--- U	--- U
5. Benzo[b]fluoranthene	3.32	10.0	--- U	--- U	--- U
6. Benzo[k]fluoranthene	4.23	10.0	--- U	--- U	--- U
7. Benzo[g,h,i]perylene	2.61	10.0	--- U	--- U	--- U
8. Benzo[a]pyrene	3.27	10.0	--- U	--- U	--- U
9. 4-Bromophenyl Phenyl Ether	2.63	10.0	--- U	--- U	--- U
10. Butyl Benzyl Phthalate	5.78	10.0	--- U	--- U	--- U
11. Bis-(2-Chloroethoxy) Methane	3.14	10.0	--- U	--- U	--- U
12. Bis-(2-Chloroethyl) Ether	2.58	10.0	--- U	--- U	--- U
13. Bis-(2-Chloroisopropyl) Ether	2.58	10.0	--- U	--- U	--- U
14. 2-Chloronaphthalene	2.17	10.0	--- U	--- U	--- U
15. 4-Chlorophenyl Phenyl Ether	2.42	10.0	--- U	--- U	--- U
16. Chrysene	4.04	10.0	--- U	--- U	--- U
17. Dibenzo[a,h]anthracene	2.78	10.0	--- U	--- U	--- U
18. Di-N-Butyl Phthalate	3.09	10.0	--- U	--- U	--- U
19. Dimethyl Phthalate	3.78	10.0	--- U	--- U	--- U
20. Diethyl Phthalate	3.92	10.0	--- U	--- U	--- U
21. 2,4-Dinitrotoluene	3.95	10.0	--- U	--- U	--- U
22. 2,6-Dinitrotoluene	3.88	10.0	--- U	--- U	--- U
23. Di-N-Octyl Phthalate	2.81	10.0	--- U	--- U	--- U
24. Bis-(2-Ethylhexyl) Phthalate	9.97	15.0	--- U	--- U	--- U
25. Fluoranthene	3.92	10.0	--- U	--- U	--- U
26. Fluorene	2.95	10.0	--- U	--- U	--- U
27. Hexachlorobenzene	2.61	10.0	--- U	--- U	--- U
28. Hexachlorocyclopentadiene	4.16	10.0	--- U	--- U	--- U
29. Indeno[1,2,3-Cd]pyrene	2.91	10.0	--- U	--- U	--- U
30. Isophorone	3.74	10.0	--- U	--- U	--- U
31. Nitrobenzene	2.85	10.0	--- U	--- U	--- U
32. N-Nitrosodimethylamine	4.25	10.0	--- U	--- U	--- U
33. N-Nitrosodiphenylamine	3.95	10.0	--- U	--- U	--- U
34. N-Nitrosodi-N-Propylamine	4.06	10.0	--- U	--- U	--- U
35. Phenanthrene	3.24	10.0	--- U	--- U	--- U
36. Pyrene	3.63	10.0	--- U	--- U	--- U
37. 4-Chloro-3-Methylphenol	3.79	20.0	--- U	--- U	--- U
38. 2-Chlorophenol	2.75	10.0	--- U	--- U	--- U
39. O-Cresol	3.68	10.0	--- U	--- U	--- U
40. P-Cresol	4.12	10.0	--- U	--- U	--- U
41. 2,4-Dichlorophenol	5.19	10.0	--- U	--- U	--- U
42. 2,6-Dichlorophenol	4.89	10.0	--- U	--- U	--- U
43. 2,4-Dimethylphenol	3.21	10.0	--- U	--- U	--- U
44. 4,6-Dinitro-2-Methylphenol	4.77	50.0	--- U	--- U	--- U
45. 2,4-Dinitrophenol	4.37	50.0	--- U	--- U	--- U
46. Ethyl Methanesulfonate	5.26	20.0	--- U	--- U	--- U
47. Methyl Methanesulfonate	4.92	10.0	--- U	--- U	--- U
48. 2-Nitrophenol	3.64	10.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 11/30/11
DATE EXTRACTED: 12/01/11
DATE ANALYZED: 12/20/11
DATE REPORTED: 12/27/11

Page: 2

REVIEWED BY: 

SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
49. 4-Nitrophenol	3.17	50.0	--- U	--- U	--- U
50. Pentachlorophenol	5.33	25.0	--- U	--- U	--- U
51. Phenol	1.86	10.0	--- U	--- U	--- U
52. 2,3,4,6-Tetrachlorophenol	3.12	10.0	--- U	--- U	--- U
53. 2,4,5-Trichlorophenol	4.17	10.0	--- U	--- U	--- U
54. 2,4,6-Trichlorophenol	3.84	10.0	--- U	--- U	--- U
55. Acetophenone	2.89	10.0	--- U	--- U	--- U
56. 2-Acetylaminofluorene	3.98	20.0	--- U	--- U	--- U
57. 4-Aminobiphenyl	4.12	20.0	--- U	--- U	--- U
58. Benzyl Alcohol	4.47	20.0	--- U	--- U	--- U
59. 4-Chloroaniline	3.36	20.0	--- U	--- U	--- U
60. Chlorobenzilate	5.12	10.0	--- U	--- U	--- U
61. Diallate	2.98	10.0	--- U	--- U	--- U
62. Dibenzofuran	4.28	10.0	--- U	--- U	--- U
63. 3,3-Dichlorobenzidine	4.22	20.0	--- U	--- U	--- U
64. Dimethoate	3.98	20.0	--- U	--- U	--- U
65. P-Dimethylaminoazobenzene	2.89	10.0	--- U	--- U	--- U
66. 7,12-Dimethylbenz[a]anthracene	5.26	10.0	--- U	--- U	--- U
67. 3,3-Dimethylbenzadine	3.21	10.0	--- U	--- U	--- U
68. 1,3-Dinitrobenzene	2.89	20.0	--- U	--- U	--- U
69. Diphenylamine	5.10	10.0	--- U	--- U	--- U
70. Disulfoton	4.28	10.0	--- U	--- U	--- U
71. Famphur	3.98	20.0	--- U	--- U	--- U
72. Hexachloropropene	4.31	10.0	--- U	--- U	--- U
73. Isosafrole	2.88	10.0	--- U	--- U	--- U
74. Kepone	2.78	20.0	--- U	--- U	--- U
75. Methapyrilene	3.54	100.0	--- U	--- U	--- U
76. 3-Methylchloroanthrene	4.21	10.0	--- U	--- U	--- U
77. 2-Methylnaphthalene	3.79	10.0	--- U	--- U	--- U
78. Methyl Parathion	4.32	10.0	--- U	--- U	--- U
79. m-Cresol	3.81	10.0	--- U	--- U	--- U
80. 1,4-Naphthoquinone	4.00	10.0	--- U	--- U	--- U
81. 1-Naphthylamine	5.61	10.0	--- U	--- U	--- U
82. 2-Naphthylamine	4.62	10.0	--- U	--- U	--- U
83. 2-Nitroaniline	3.61	50.0	--- U	--- U	--- U
84. 3-Nitroaniline	4.81	50.0	--- U	--- U	--- U
85. 4-Nitroaniline	4.22	20.0	--- U	--- U	--- U
86. 5-Nitro-O-Toluidine	4.01	10.0	--- U	--- U	--- U
87. N-Nitrosodi-n-butylamine	3.63	10.0	--- U	--- U	--- U
88. N-Nitrosodiethylamine	3.83	20.0	--- U	--- U	--- U
89. N-Nitrosomethylethylamine	3.83	10.0	--- U	--- U	--- U
90. N-Nitrosopiperidine	5.19	20.0	--- U	--- U	--- U
91. N-Nitrosopyrrolidine	2.89	10.0	--- U	--- U	--- U
92. Parathion	3.12	10.0	--- U	--- U	--- U
93. Pentachlorobenzene	3.92	10.0	--- U	--- U	--- U
94. Pentachloronitrobenzene	3.71	20.0	--- U	--- U	--- U
95. Phenacetin	4.41	20.0	--- U	--- U	--- U
96. 1,4 Benzenediamine	2.99	10.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 11/30/11
DATE EXTRACTED: 12/01/11
DATE ANALYZED: 12/20/11
DATE REPORTED: 12/27/11

Page: 3

REVIEWED BY: 

SEMI-VOLATILE ORGANICS EPA METHOD 8270C

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 Shallow
97. Phorate	3.86	10.0	--- U	--- U	--- U
98. Pronamide	3.69	10.0	--- U	--- U	--- U
99. Safrole	4.12	10.0	--- U	--- U	--- U
100. 1,2,4,5-Tetrachlorobenzene	5.01	10.0	--- U	--- U	--- U
101. Thionazin	4.62	20.0	--- U	--- U	--- U
102. O-Toluidine	4.11	10.0	--- U	--- U	--- U
103. 1,3,5-Trinitrobenzene	3.98	10.0	--- U	--- U	--- U
104. 0,0,0-Triethyl Phosphorothioate	3.61	10.0	--- U	--- U	--- U
105. Hexachloroethane	1.49	10.0	--- U	--- U	--- U
106. Isodrin	3.11	20.0	--- U	--- U	--- U

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6003 Week: 46

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION		8260 App. II 1	8151A Landfill	CHLORINE NEUTRALIZED AT COLLECTION
	DATE	TIME				CHLORINE	UV			
MW-3A	11	15110900	20		12	<input type="checkbox"/>	<input type="checkbox"/>			
MW-4					6	<input type="checkbox"/>	<input type="checkbox"/>			
MW-5					5	<input type="checkbox"/>	<input type="checkbox"/>			
MW-6					5	<input type="checkbox"/>	<input type="checkbox"/>			
MW-7					5	<input type="checkbox"/>	<input type="checkbox"/>			
MW-8	17	1071085	22		11	<input type="checkbox"/>	<input type="checkbox"/>			
Well #1 Shallow					5	<input type="checkbox"/>	<input type="checkbox"/>			
Well #2 Shallow					5	<input type="checkbox"/>	<input type="checkbox"/>			
Well #3 Shallow	71	10710945	22		12	<input type="checkbox"/>	<input type="checkbox"/>			
Trip Blank					2	<input type="checkbox"/>	<input type="checkbox"/>			
REINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)
REINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)
COMMENTS:										
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.										
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.										

FORM #5

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

No 230433

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6003 Week: 46

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION		CHLORINE NEUTRALIZED AT COLLECTION
	DATE	TIME				CHLORINE	UV	
MW-3A	11	3017	0885	18	12	<input type="checkbox"/>	<input type="checkbox"/>	
_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	
_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	
_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	
MW-8	11	3017	0842	20	12	<input type="checkbox"/>	<input type="checkbox"/>	
_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	
_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	
Well #3 Shallow	11	3011	0905	21	12	<input type="checkbox"/>	<input type="checkbox"/>	
Trip Blank					2	<input type="checkbox"/>	<input type="checkbox"/>	
RELINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME
<i>Joe H. [Signature]</i>	11/30/11		<i>[Signature]</i>	11/30/11				
RELINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME

CHLORINE NEUTRALIZED AT COLLECTION pH CHECK (LAB) CONTAINER TYPE, P/G CHEMICAL PRESERVATION A - NONE D - NAOH B - HNO ₃ E - HCL C - H ₂ SO ₄ F - ZINC ACETATE G - NA THIOSULFATE	CLASSIFICATION: <input type="checkbox"/> WASTEWATER (NPDES) <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> DWO/GW <input checked="" type="checkbox"/> SOLID WASTE SECTION	CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY <input checked="" type="checkbox"/> N	SAMPLES COLLECTED BY: <i>M. [Signature]</i> (Please Print) SAMPLES RECEIVED IN LAB AT <u>5.2</u> °C
--	---	---	---

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blank above for each parameter analyzed. No 228734

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6003 A Week: 46

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION			Field pH	Metals	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2	CHLORINE NEUTRALIZED AT COLLECTION	pH CHECK (LAB)	CONTAINER TYPE, P/G	CHEMICAL PRESERVATION
	DATE	TIME				<input type="checkbox"/> CHLORINE	<input type="checkbox"/> UV	<input type="checkbox"/> NONE												
MW-9A	11	1340	20	20	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
MW-10	11	1145	20	19	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
MW-11	11	1205	20	22	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
MW-13	11	1245	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
Well #12 Shallow	11	1220	20	21	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
MW-14S	11	1315	21	21	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	A	A	A		E	E	E				
RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
<i>Bob Hoge</i>	11/15/11	11/15/11	<i>B. Hoge</i>	11/15/11	11/15/11	<i>B. Hoge</i>	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11
RELINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
COMMENTS:																	PARAMETERS			
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.																	<input type="checkbox"/> WASTEWATER (NPDES) <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> DWQ/GW <input checked="" type="checkbox"/> SOLID WASTE SECTION			
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.																	CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.																	SAMPLES COLLECTED BY: <i>M Hoge</i> (Please Print) SAMPLES RECEIVED IN LAB AT <i>02</i> °C			

PLEASE READ Instructions for completing this form on the reverse side.

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6003 B Week: 46

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION		Field pH	Metals	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	CHLORINE NEUTRALIZED AT COLLECTION	pH CHECK (LAB)	CONTAINER TYPE, P/G	CHEMICAL PRESERVATION	PARAMETERS
	DATE	TIME				CHLORINE	UV												
MW-1D	11/15/11	1030	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>												
MW-2D	11/15/11	1030	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>												
MW-3D	11/15/11	1030	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>												
MW-14D	11/15/11	1300	22	22	4	<input type="checkbox"/>	<input type="checkbox"/>												
RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	COMMENTS:													
<i>[Signature]</i>	11/15/11	<i>[Signature]</i>	11/15/11	<i>[Signature]</i>	11/15/11	NO VD DAMAGED													
RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY													
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY													
SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY					SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY														

FORM #5 PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested. No 230431

Environment 1, Inc.
 P.O. Box 7085, 114 Oakmont Dr.
 Greenville, NC 27858

CHAIN OF CUSTODY RECORD

Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6003 C Week: 46

JUDSON WHITEHURST (C&D LANDFILL)
 C/O MR DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH NC 27604

(919) 231-1818

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION		Field pH	Metals	Conductivity	Temperature	EPA 8260B	8260 Dup. 1	CHLORINE NEUTRALIZED AT COLLECTION	pH CHECK (LAB)	CONTAINER TYPE, P/G	CHEMICAL PRESERVATION
	DATE	TIME				CHLORINE	UV										
SW-1	11	15 20	17	17	4	<input type="checkbox"/>	<input type="checkbox"/>										
SW-2	12	75 11 1040	18	18	4	<input type="checkbox"/>	<input type="checkbox"/>										
SW-3	11	15 11 1230	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>										
SW-4	11	75 11 1315	20	20	4	<input type="checkbox"/>	<input type="checkbox"/>										
REINQUISHED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
BOB Hoge W	11/15/11	11/15/11	[Signature]	11/15/11	11/15/11	[Signature]	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11	11/15/11

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested. No 230430

PARAMETERS

A - NONE D - NaOH
 B - HNO₃ E - HCL
 C - H₂SO₄ F - ZINC ACETATE
 G - NATHIOSULFATE

CLASSIFICATION:

WASTEWATER (NPDES)
 DRINKING WATER
 DMO/GW
 SOLID WASTE SECTION

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY

SAMPLES COLLECTED BY: (Please Print) Hoge / FOT

SAMPLES RECEIVED IN LAB AT 6:20