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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- 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 1)	802 Recycling Lane Greenville, NC	7407-CDLF-2001	.0500	November 15, 2010

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Brian S. Boutin, PG — Facility Representative Name (Print)

Consultant for Facility — Title

919-366-3663 (office); 919-995-0363 (cell) — (Area Code) Telephone Number

Signature

March 31, 2011 — Date

Affix NC Licensed/ Professional Geologist Seal

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 1
Greenville, Pitt County, NC
Permit # 74-07
November 15, 2010 Assessment and Detection Monitoring

For the November 15, 2010 water-quality monitoring event, groundwater samples from wells MW-1s, MW-2s, MW-4, MW-5, MW-6 and MW-7 were analyzed for Appendix I volatile organic compounds and metals in accordance with the facility permit requirements for detection monitoring. Groundwater samples from MW-3s, MW-3A and MW-8 were analyzed for Appendix II constituents as part of ongoing Assessment Monitoring.

Benzene was detected at a concentration of 2.1 µg/L in the groundwater sample collected from MW-3s, which slightly exceeds the NC 2L standard of 1 µg/L. Benzene was also detected at a concentration of 0.9 µg/L in the groundwater sample collected from MW-3A, which is below the NC 2L standard. Cobalt was detected at all three assessment monitoring wells at concentrations ranging from 37 µg/L at MW-3A to 17 µg/L at MW-3A, which exceed the interim NC 2L standard of 1 µg/L effective October 1, 2010. These results are consistent with historical data for cobalt in groundwater at these wells and with background levels of cobalt observed in groundwater at the site. Vanadium was detected at all three assessment monitoring wells at concentrations ranging from 1.6 µg/L at MW-3A to 2.6 µg/L at MW-3s, which exceed the interim NC 2L standard of 0.3 µg/L effective October 1, 2010. It is noted that vanadium was detected in all groundwater and surface water samples (including background samples) in a narrow range of concentrations all exceeding the interim NC 2L standard. This indicates that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. These results are consistent with the results of the preliminary Assessment Monitoring results, as well as previous sampling events. With respect to Appendix II constituents, tin was detected at low concentrations in all three groundwater samples, well below the interim NC 2L standard of 2 µg/L effective October 1, 2010. No other Appendix II constituents were detected.

Chromium was detected at a concentration of 11 µg/L at MW-5, which slightly exceeds the NC 2L standard of 10 µg/L. This is the first time chromium was detected at MW-5 at a concentration exceeding the NC 2L standard. Cobalt was detected at concentrations ranging from 1.1 to 7.8 µg/L in the groundwater samples collected from monitoring wells MW-2s, MW-4 and MW-5, which slightly exceed the interim NC 2L standard of 1 µg/L effective October 1, 2010. These results are consistent with historical data for cobalt in groundwater at these wells and with background levels of cobalt observed in groundwater at the site. Thallium was detected at a concentration of 0.5 µg/L in the groundwater sample collected from monitoring well MW-5, which slightly exceeds the interim NC 2L standard of 0.2 µg/L effective October 1, 2010. This

is the first time thallium was detected at MW-5 at a concentration exceeding the applicable regulatory standard. Vanadium was detected at concentrations exceeding the interim 2L groundwater standard of 0.3 µg/L in all groundwater and surface water samples collected for detection monitoring. As noted above, vanadium was detected in all groundwater and surface water samples (including background samples) in a narrow range of concentrations all exceeding the interim NC 2L standard. This indicates that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. No other Appendix I constituents were detected in the groundwater samples at concentrations exceeding the applicable regulatory standards. The November 15, 2010 monitoring results are in general agreement with the results of previous semi-annual water-quality monitoring conducted at the site.

David Garrett & Associates
Engineering and Geology

March 31, 2011

Ms. Jackie Drummond
NC Division of Waste Management
Solid Waste Section
Mail Service Center 1646
Raleigh, NC 27699-1646

RE: Semi-Annual Water Quality Monitoring Report: Assessment and Detection Monitoring
C&D Landfill, Inc. (Pitt County, NC)
Permit #74-07

Dear Ms. Drummond:

On behalf of C&D Landfill, Inc., I am pleased to present this report of the semi-annual water quality monitoring event for the site referenced above conducted on November 15, 2010. Stream and well sampling was conducted by Environment-1, Inc.

- Shallow wells sampled during this event include MW-1s, MW-2s, MW-3s, MW-3A, MW-4, MW-5, MW-6, MW-7 and MW-8.

- No deep wells were sampled during this event.

- The samples from wells MW-1s, MW-2s, MW-4, MW-5, MW-6 and MW-7 were analyzed for Appendix I volatile organic compounds and metals in accordance with the facility permit requirements for detection monitoring. The samples from MW-3s, MW-3A and MW-8 were analyzed for Appendix II constituents as part of ongoing Assessment Monitoring.

- It is noted that monitoring wells MW-3s (installed August 2007) and MW-3d replace monitoring wells MW-9s and MW-9d beginning with the November 2007 sampling. The latter wells were installed in the currently permitted portion of the landfill that is now being used for disposal. Wells MW-9s and MW-9d were properly closed in August 2007.

- Surface water samples were collected from three locations (SW-1, SW-2 and SW-3) during this event.

- The monitoring program has been in place since May 2001, but MW-5, MW-8, MW-9s, MW-9d and SW-3 were first sampled in November 2002 for the opening of Phase 1B.

The data are presented on **Tables 1 and 2**. **Table 1** is a summary of well construction and recent water level data trends. **Table 2** is the continuum of analytical data collected at the site, along with field parameters including the water level observations.

Table 1 shows that water elevations measured at the wells gauged in November 2010 are approximately 0.1 to 1 feet higher on average as compared to those measured during the previous sampling event. Shallow groundwater flow at the site is generally to the south-southwest which is consistent with the topography and surface drainage patterns at the site. A water-table elevation contour map based on the November 2010 groundwater elevation data is attached.

Assessment Monitoring

Inorganic and organic Appendix II constituents detected at monitoring wells MW-3A, MW-3s and MW-8 during November 2010 are presented below.

Antimony	-	None detected.
Arsenic	-	Detected at MW-3A and MW-8 at concentrations below the NC 2L standard of 0.010 mg/L.
Barium	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 0.700 mg/L.
Beryllium	-	Detected at MW-3A, MW-3s and MW-8 at a concentration below the Interim NC 2L standard of 0.004 mg/L effective October 1, 2010.
Cadmium	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 0.002 mg/L.
Chromium	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 0.01 mg/L.
Cobalt	-	Detected at MW-3A, MW-3s and MW-8 at concentrations above the Interim NC 2L standard of 0.001 mg/L effective October 1, 2010.
Copper	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 1 mg/L.
Lead	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 0.015 mg/L.
Mercury	-	None Detected.
Nickel	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 0.1 mg/L.

Selenium	-	Detected at MW-3A and MW-8 at concentrations below the NC 2L standard of 0.02 mg/L.
Silver	-	Detected at MW-8 at a concentration below the NC 2L standard of 0.02 mg/L.
Thallium	-	None detected.
Tin	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the Interim NC 2L standard of 2 mg/L effective October 1, 2010.
Vanadium	-	Detected at MW-3A, MW-3s and MW-8 at concentrations above the Interim NC 2L standard of 0.0003 mg/L effective October 1, 2010.
Zinc	-	Detected at MW-3A, MW-3s and MW-8 at concentrations below the NC 2L standard of 1 mg/L.
Total Sulfide	-	Detected at MW-3s at a concentration of 1.38 mg/L (no regulatory standard has been established).
Benzene	-	Detected at MW-3s at a concentration slightly above the NC 2L standard of 0.001 mg/L. Detected at MW-3A at a concentration below the NC 2L standard of 0.001 mg/L.
Cis-1,2-DCE	-	Detected at MW-3s at a concentration below the NC 2L standard of 0.070 mg/L.
1,2-DCA	-	Detected at MW-3s at a concentration below the NC 2L standard of 0.0004 mg/L.
Ethylbenzene	-	Detected at MW-3s at a concentration well below the NC 2L standard of 0.6 mg/L.

Benzene was detected at a concentration of 2.1 µg/L in the groundwater sample collected from MW-3s, which slightly exceeds the NC 2L standard of 1 µg/L. Benzene was also detected at a concentration of 0.9 µg/L in the groundwater sample collected from MW-3A, which is below the NC 2L standard. Cobalt was detected at all three assessment monitoring wells at concentrations ranging from 37 µg/L at MW-3A to 17 µg/L at MW-3A, which exceed the interim NC 2L standard of 1 µg/L effective October 1, 2010. These results are consistent with historical data for cobalt in groundwater at these wells and with background levels of cobalt observed in groundwater at the site. Vanadium was detected at all three assessment monitoring wells at concentrations ranging from 1.6 µg/L at MW-3A to 2.6 µg/L at MW-3s, which exceed the interim NC 2L standard of 0.3 µg/L effective October 1, 2010. It is noted that vanadium was detected in all groundwater and surface water samples (including background samples) in a narrow range of concentrations all exceeding the interim NC 2L standard. This indicates that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions. These results are consistent with the results of

the preliminary Assessment Monitoring results, as well as previous sampling events. With respect to Appendix II constituents, tin was detected at low concentrations in all three groundwater samples, well below the interim NC 2L standard of 2 µg/L effective October 1, 2010. No other Appendix II constituents were detected.

Detection Monitoring

Inorganic and organic Appendix I constituents detected at monitoring wells MW-1s, MW-2s, MW-4, MW-5, MW-6 and MW-7, as well as surface water samples SW-1, SW-2 and SW-3 during November 2010 are presented below.

Antimony	-	Detected at MW-5 at a concentration below the interim NC 2L standard of 0.001 mg/L effective August 1, 2010.
Arsenic	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.01 mg/L.
Barium	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.7 mg/L.
Beryllium	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the interim NC 2L standard effective October 1, 2010.
Cadmium	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.002 mg/l.
Chromium	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.010 mg/L. Detected at MW-5 at a concentration marginally in excess of the NC 2L standard.
Cobalt	-	Detected at MW-1s, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the interim NC 2L standard of 1 µg/L effective October 1, 2010. Detected at MW-2s, MW-4 and MW-5 at concentrations slightly in excess of the interim NC 2L standard.
Copper	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 1.0 mg/L.
Lead	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L groundwater standard of 0.015 mg/L.

Nickel	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.100 mg/L.
Selenium	-	Detected at MW-1s, MW-4, MW-6, MW-7 and SW-2 at concentrations below the NC 2L standard of 0.020 mg/L.
Silver	-	Detected at MW-5, MW-6 and MW-7 at concentrations below the NC 2L standard of 0.02 mg/L.
Thallium	-	Detected at MW-2, MW-4 and MW-6 at concentrations below the interim NC 2L standard of 0.0002 mg/L effective October 1, 2010. Detected at MW-5 at a concentration (0.0005 mg/L) that slightly exceeds the interim NC 2L standard.
Vanadium	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations exceeding the interim NC 2L standard of 0.0003 mg/L effective October 1, 2010.
Zinc	-	Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 1 mg/L.
Benzene	-	Detected at MW-1s at a concentration (0.0006 mg/L) well below the NC 2L standard of 0.001 mg/L.
Toluene	-	Detected at SW-1 at a concentration (0.0003 mg/L) well below the NC 2L standard of 0.6 mg/L.

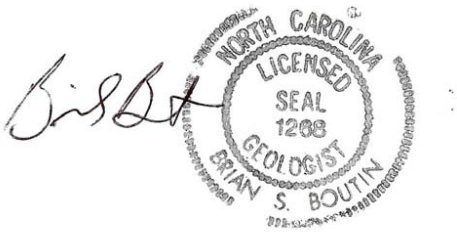
Chromium was detected at a concentration of 11 µg/L at MW-5, which slightly exceeds the NC 2L standard of 10 µg/L. This is the first time chromium was detected at MW-5 at a concentration exceeding the NC 2L standard. Cobalt was detected at concentrations ranging from 1.1 to 7.8 µg/L in the groundwater samples collected from monitoring wells MW-2s, MW-4 and MW-5, which slightly exceed the interim NC 2L standard of 1 µg/L effective October 1, 2010. These results are consistent with historical data for cobalt in groundwater at these wells and with background levels of cobalt observed in groundwater at the site. Thallium was detected at a concentration of 0.5 µg/L in the groundwater sample collected from monitoring well MW-5, which slightly exceeds the interim NC 2L standard of 0.2 µg/L effective October 1, 2010. This is the first time thallium was detected at MW-5 at a concentration exceeding the applicable regulatory standard. Vanadium was detected at concentrations exceeding the interim 2L groundwater standard of 0.3 µg/L in all groundwater and surface water samples collected for detection monitoring. As noted above, vanadium was detected in all groundwater and surface water samples (including background samples) in a narrow range of concentrations all exceeding the interim NC 2L standard. This indicates that the concentrations of vanadium observed in groundwater and surface water at the site are representative of natural background conditions.

No other Appendix I constituents were detected in the groundwater samples at concentrations exceeding the applicable regulatory standards. The November 15, 2010 monitoring results are in general agreement with the results of previous semi-annual water-quality monitoring conducted at the site.

The next round of semi-annual water-quality monitoring will be conducted at the site in May 2011.

Please contact me at your earliest convenience with questions or comments.

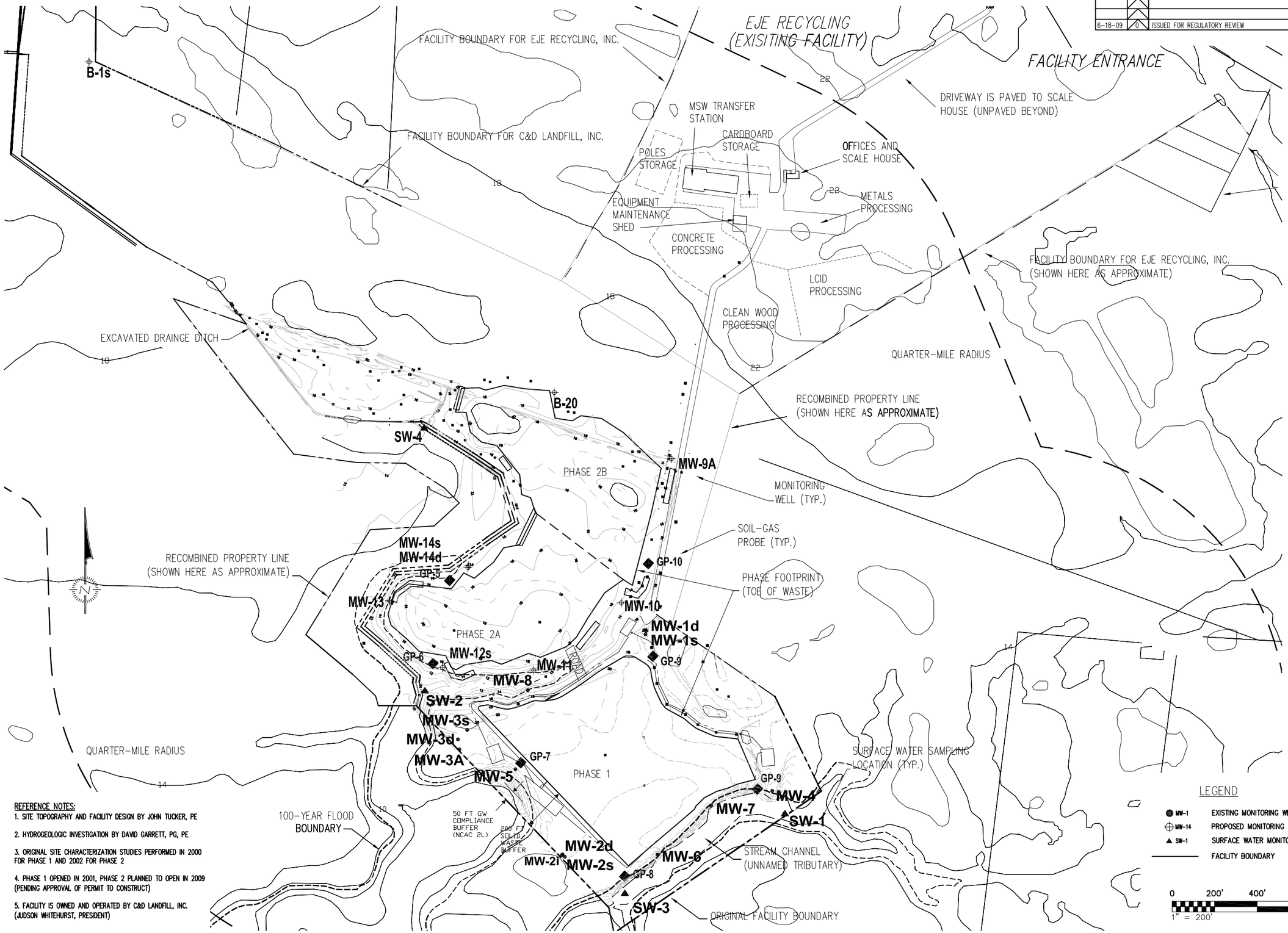
Sincerely,



Brian S. Boutin, P.G.

cc: G. David Garrett, P.G., P.E.
Mr. Judson Whitehurst – C&D Landfill, Inc.
Mr. John A.K. Tucker, P.E.

DATE	NO.	REVISION
6-18-09	0	ISSUED FOR REGULATORY REVIEW

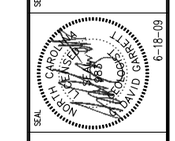


REFERENCE NOTES:

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. (JUDSON WHITEHURST, PRESIDENT)

David Garrett & Associates
Engineering and Geology
5105 Harbour Towne Drive, Raleigh, North Carolina 27604
Email: david_garrett_pg@mindspring.com 919-231-1818 (Office and Fax) 919-418-4375 (mobile)

SEAL

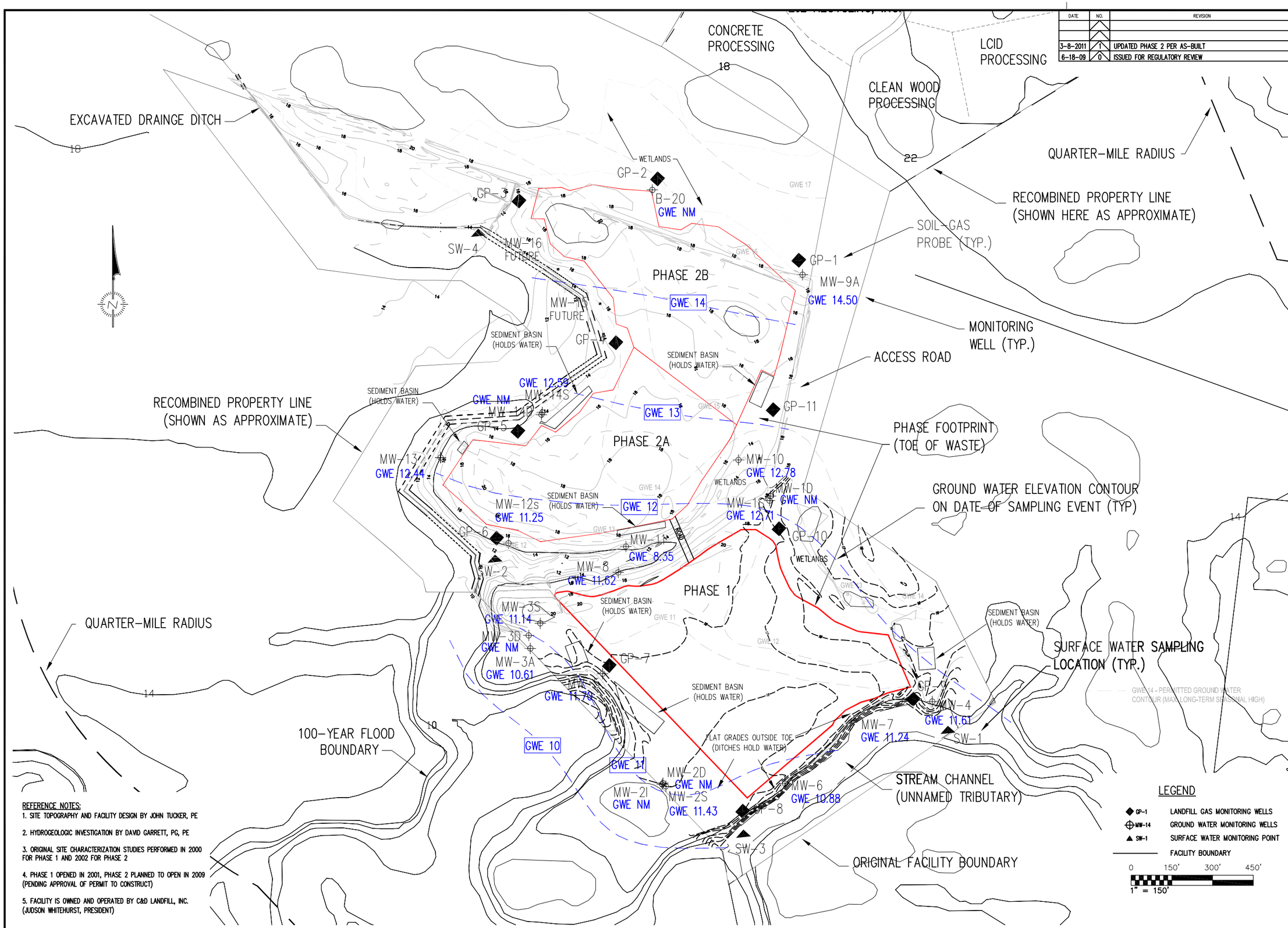


PROJECT TITLE: C&D LANDFILL, INC. ASSESSMENT MONITORING PITT COUNTY, NC PERMIT #74-07

DRAWING TITLE: GROUND WATER MONITORING LOCATIONS (PHASES 1 AND 2)

DESIGNED BY: G.D.G.	DRAWN BY: G.D.G.
CHECKED BY: J.A.T.	PROJECT NO.: CDLF-3
SCALE: AS SHOWN	DATE: JUNE 2009
FILE NAME: C&D LANDFILL ASSESSMENT	
SHEET NO. 6	DRAWING NO. AP4

DATE	NO.	REVISION
3-8-2011	1	UPDATED PHASE 2 PER AS-BUILT
6-18-09	0	ISSUED FOR REGULATORY REVIEW



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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. (JUDSON WHITEHURST, PRESIDENT)

David Garrett & Associates
Engineering and Geology
5105 Harbour Towne Drive, Raleigh, North Carolina 27604
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL DAVID GARRETT 3-10-2011

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

DRAWING TITLE: POTENTIOMETRIC CONTOURS FOR PHASES 1 AND 2 OBSERVED NOV 15, 2010

DESIGNED BY: G.D.G.	DRAWN BY: G.D.G.
CHECKED BY: J.A.T.	PROJECT NO.: CDLF-3
SCALE: AS SHOWN	DATE: JUNE 2009
FILE NAME: C&D LANDFILL ASSESSMENT	
SHEET NO. 1	DRAWING NO. MP1

Table 1
Monitoring Well Water Level Data
Sampling Date: 11/15/2010

Monitoring Location	TOC Elevation	Ground Elevation	Depth of Well (bgs)	Screened Interval (bgs)	Water Level [1]	Water Level [2]
MW-1d (B-1)[3,4]	21.14	17.4	50	40 - 50	***NA***	***NA***
MW-1s [3]	20.91	17.59	13	3-13	9.04	8.2
					11.87	**12.71**
MW-2d (B-2d) [4]	21.8	17.97	49	39 - 49	***NA***	***NA***
MW-2s	21.44	18.45	13	3-13	10.61	10.01
					10.83	**11.43**
MW-3A	21.93	*NA*	20	10-20	11.57	11.32
					10.36	**10.61**
MW-3s[5]	23.02	*NA*	18	8-18	12.32	11.88
					10.70	**11.14**
MW-3d[4]	22.83	19.37	50	40 - 50	***NA***	***NA***
MW-4	18.42	14.83	13	3-13	6.8	6.81
					11.62	**11.61**
MW-5	17.9	14.8	18	3-18	6.57	6.20
					11.33	**11.70**
MW-6	20.03	16.87	13	3-13	9.39	9.15
					10.64	**10.88**
MW-7	19.4	16.03	13	3-13	8.34	8.16
					11.06	**11.24**
MW-8	21.21	18.3	18	3-18	8.47	9.59
					12.74	**11.62**

Notes:

1. Last Semi-Annual Event, depth / **elevation**, reference top of casing (TOC), recorded on 5/25/10
2. This Semi-Annual Event, depth / **elevation**, reference top of casing (TOC), recorded on 11/15/10
3. Up-gradient Background Well for each respective aquifer
4. Sample Bi-annually, all others sample semi-annually except as noted
5. Top of casing and ground elevations not currently available for MW-3s
6. Elevations were surveyed July 2001and November 2002 by Burgess Land Surveying, Greenville, NC

TABLE 2
Detected Constituents and Field Measured Parameters
C&D Landfill, Inc., Permit #74-07
Pitt County, NC

Note: All results in mg/L unless otherwise noted

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Antimony	0.006	0.001	0.001	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007				0.0004		0.0001				0.0002					
				5/8/2008	0.0002						0.0001	0.0001	0.0005	0.0002	0.0002	0.0001	0.0002		
				11/7/2008		0.0001		0.0001		0.0001		0.0001	0.0001	0.0002	0.0001			0.0006	0.0001
				5/18/2009		0.0001		0.0001				0.0007	0.0002	0.0001			0.0001		
				1/20/2010				0.0001					0.0005				0.0001	0.0001	0.0006
				5/25/2010				0.0007 J											
				11/15/2010									0.0006						
Arsenic	0.01	NE	0.01	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003												0.013			
				11/13/2003															
				5/20/2004											0.0064				
				11/5/2004										0.014	0.0036				
				5/31/2005															
				11/4/2005										0.022					
				5/30/2006									0.0053						
				11/2/2006									0.005						
				5/16/2007										0.013					
				11/16/2007	0.0003			0.0042		0.0067	0.0006	0.0013	0.0053	0.016	0.0064			0.002	0.0005
				5/8/2008		0.0005	0.0004	0.0013		0.0004	0.0073	0.001	0.005	0.0053	0.0036	0.0045	0.011	0.0011	0.0001
				11/7/2008		0.0011		0.0056		0.0084	0.0002	0.0003	0.0021	0.011	0.0033	0.0027		0.0053	0.0009
				5/18/2009		0.0018	0.0012	0.0022		0.007	0.0005	0.0028	0.0013	0.0029	0.001	0.0016	0.0063	0.0014	0.0008
				1/20/2010		0.0021		0.0008	0.0026	0.0068	0.0003	0.0028	0.0058	0.0064	0.0005	0.004	0.0039	0.0003	
				5/25/2010		0.0007 J		0.0017 J	0.001 J	0.0092 J		0.0026 J	0.0039 J	0.0061 J	0.0045 J	0.0075 J	0.0009 J	0.0013 J	0.0004 J
				11/15/2010		0.0019 J		0.0056 J	0.0054J			0.0023 J		0.0048 J	0.0009 J	0.004 J	0.002 J	0.0011 J	0.0006 J

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Barium	0.1	NE	0.7	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007								0.1		0.112	0.144				
				11/16/2007		0.0624		0.0969		0.357	0.0046	0.207	0.115	0.233	0.136	0.214		0.126	0.571
				5/8/2008	0.0111	0.0275	0.016	0.0518		0.004	0.394	0.203	0.101	0.065	0.031	0.127	0.174	0.0712	0.063
				11/7/2008		0.0625		0.165		0.447	0.005	0.196	0.0483	161	103	121		0.268	0.0751
				5/18/2009		0.026	0.00184	0.0069		0.46	0.0053	0.266	0.117	0.0561	0.031	0.113	0.181	0.0616	0.0787
				1/20/2010		0.0774	0.0167	0.0154	0.0842	0.492	0.0049	0.165	0.0838	0.137	0.0291	0.169	0.0892	0.0713	0.0761
				5/25/2010		0.0235 J		0.0475 J	0.0427 J	0.527		0.202	0.0921 J	0.215	0.266	0.14	0.0333 J	0.0794 J	0.0692 J
				11/15/2010		0.0566 J		0.149	0.1	0.254		0.141	0.129	0.155	0.0343 J	0.164	0.0498 J	0.0591 J	0.0755 J
Barium (Dissolved)				5/16/2001															
				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
Beryllium	0.001	0.004	0.004	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004								0.002							
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007		0.0006						0.0008	0.0001	0.0009	0.0001	0.0001			0.0001
				5/8/2008		0.001		0.0001				0.0004	0.0001	0.0001	0.0001	0.0001	0.0007	0.0001	0.0001
				11/7/2008		0.0007						0.0002	0.0001	0.0001	0.0001			0.0004	0.0001
				5/18/2009		0.0026						0.0009	0.0005	0.0001	0.0001		0.0006		0.0001
				1/20/2010		0.0002		0.0009	0.0001			0.001	0.001	0.0001		0.0001	0.0002		0.0002
				5/25/2010		0.0005 J		0.0001 J				0.0008 J	0.0005 J	0.0001 J	0.0001 J	0.0004 J	0.0001 J	0.0001 J	0.0001 J

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
				11/15/2010		0.0003 J		0.0001 J	0.0001 J	0.0001 J		0.0007 J	0.001	0.0001 J	0.0001 J	0.0002 J	0.0001 J	0.0001 J	0.0001 J
Beryllium (Dissolved)				5/16/2001															
				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002											0.002				
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
Cadmium	0.001	NE	0.002	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004													0.004		
				11/5/2004															
				5/31/2005															
				11/4/2005													0.001		
				5/30/2006												0.001	0.003		0.001
				11/2/2006		0.001		0.001							0.001		0.005	0.002	0.001
				5/16/2007	0.001														0.001
				11/16/2007		0.0007		0.0003		0.0007	0.0005	0.0005	0.0006	0.0006	0.0004	0.0003		0.0001	0.0002
				5/8/2008	0.0001	0.0006	0.00035	0.0001		1	0.0001	0.0002	0.0001	0.0004	0.0004	0.0001	0.0004	0.0001	0.0001
				11/7/2008		0.0003		0.0001				0.0003		0.0004	0.0004	0.0001		0.0003	
				5/18/2009		0.0023	0.0036	0.0004		0.0001	0.0001	0.0009	0.0003	0.0009	0.0008	0.0002	0.0007		
				1/20/2010		0.0002	0.0001	0.0004	0.0002		0.0002	0.0003	0.0006	0.0003	0.0002	0.0002	0.0019	0.0012	0.0003
				5/25/2010		0.0002 J		0.0008 J	0.0001 J	0.0003 J		0.0012	0.0003 J	0.0022	0.002	0.0002 J	0.0002 J	0.0001 J	0.0001 J
				11/15/2010		0.0002 J		0.0006 J	0.0001 J	0.0001 J		0.0005 J	0.002	0.0006 J	0.0004 J	0.0003 J	0.0001 J	0.0001 J	0.0001 J
Cobalt	0.01	0.001	0.001	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002				0.019											
				5/14/2003				0.016							0.011	0.017			
				11/13/2003											0.052				
				5/20/2004											0.023				
				11/5/2004				0.011						0.021					
				5/31/2005										0.012	0.015				
				11/4/2005				0.013						0.029					
				5/30/2006										0.017	0.011				
				11/2/2006												0.043			
				5/16/2007											0.012	*0.038*			
				11/16/2007		0.0015		*0.0093*		*0.0094*		0.001	*0.0023*	*0.0063*	*0.017*			0.0008	0.0007
				5/8/2008	0.0001	0.0008	0.0001	0.0013		0.0001	*0.013*	0.001	0.0017	0.0017	*0.0026*	*0.019*	0.0012	0.0008	0.001
				11/7/2008		0.0009		*0.01*		*0.017*	0.0001	0.0004	0.0005	*0.0044*	*0.0028*	*0.012*		0.0019	*0.0051*
				5/18/2009		0.0012	0.0004	*0.0058*		*0.0126*	0.0001	0.0013	0.0012	0.0011	*0.0023*	*0.0084*	0.001	0.0004	0.0013
				1/20/2010		0.0025	0.0001	0.0004	*0.015*	*0.0057*	0.0001	0.0009	0.0016	0.0006	0.0011	*0.01*	0.0006	0.0003	0.0012

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d	MW-1s	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1	SW-2	SW-3
					BG	BG											BG		
				5/25/2010		0.0007 J		0.0011 J	*0.0038 J*	*0.018*		0.0009 J	*0.0028 J*	*0.0054 J*	*0.009 J*	*0.021*	0.0003 J	0.0006 J	0.0006 J
				11/15/2010		0.0008 J		*0.0033 J*	*0.017*	*0.037*		*0.0011 J*	*0.0078 J*	0.0007 J	0.0008 J	*0.024*	0.0004 J	0.0005 J	0.001 J
Cobalt (Dissolved)				5/16/2001															
				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
Copper	0.01	NE	1	11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007		0.0017		0.002		0.0018	0.0013	0.0023	0.0016	0.0067	0.0027	0.0016		0.0019	0.0006
				5/8/2008	0.0004	0.0015	0.0007	0.001		0.0008	0.0013	0.0007	0.0009	0.0021	0.002	0.0009	0.0055	0.0008	0.0006
				11/7/2008		0.0013		0.0012		0.0013	0.0013	0.0009	0.0033	0.0028	0.003	0.0008		0.0056	0.0011
				5/18/2009		0.0007	0.0055	0.0019		0.0014	0.0007	0.0018	0.0026	0.0023	0.0016	0.0006	0.0049	0.0015	0.0004
				1/20/2010		0.0009	0.0007	0.0012	0.0013	0.0019	0.001	0.0018	0.0016	0.0011	0.0024	0.0007	0.0027	0.0008	0.0008
				5/25/2010		0.0007 J		0.0009 J	0.004 J	0.0011 J		0.0014 J	0.0011 J	0.0024 J	0.0029 J	0.0011 J	0.0004 J	0.0004 J	0.0003 J
				11/15/2010		0.0005 J		0.0011 J	0.0005 J	0.0011 J		0.0013 J	0.0039 J	0.0015 J	0.0008 J	0.0008 J	0.0003 J	0.0001 J	0.0001 J
Copper (Dissolved)				5/16/2001															
				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Chromium (total)	0.01	NE	0.01	5/16/2001			0.029												
				11/12/2001															
				5/2/2002				*0.085*				0.029			0.015				
				11/27/2002	*0.083*			*0.069*				0.042							
				5/14/2003			0.024					0.013							
				11/13/2003										0.011					
				5/20/2004	0.022	0.015		0.042						0.015		*0.122*			
				11/5/2004				0.033				0.012		0.022		0.01			
				5/31/2005			0.011	0.033				0.025		0.02		0.025			
				11/4/2005				0.015				0.3		0.011	0.04				
				5/30/2006															
				11/2/2006										0.012					
				5/16/2007															
				11/16/2007		0.0003		0.0005		0.0012		0.0027	0.0004	0.013	0.0013	0.001		0.0015	
				5/8/2008	0.0003	0.0002	0.0003	0.0006		0.0002	0.0015	0.0012	0.0012	0.0031	0.0011	0.0011	0.008	0.0011	0.0004
				11/7/2008		0.0005		0.0017		0.0014		0.001	0.0011	0.0047	0.0011	0.0004		0.005	0.0003
				5/18/2009			0.0017	0.0007		0.0016		0.0021	0.0007	0.0025	0.0005	0.0001	0.0051	0.0005	0.0005
				1/20/2010						0.001		0.0028	0.0027	0.0008			0.0021	0.0007	0.0004
				5/25/2010		0.0005 J		0.0007 J	0.0001 J	0.002 J		0.0021 J	0.0023 J	0.0042 J	0.0025 J	0.0008 J	0.0004 J	0.0009 J	0.0004 J
				11/15/2010		0.0005 J		0.0006 J	0.0003 J	0.0017 J		0.0031 J	0.011	0.002 J	0.0004 J	0.0008 J	0.0005 J	0.0005 J	0.0002 J
Lead	0.01	NE	0.015	5/16/2001				*0.029*											
				11/12/2001				*0.027*				0.011							
				5/2/2002								0.013							
				11/27/2002															
				5/14/2003															
				11/13/2003				*0.022*											
				5/20/2004				*0.02*								*0.028*			
				11/5/2004								*0.025*							
				5/31/2005								*0.019*					0.014		
				11/4/2005															
				5/30/2006								0.014							
				11/2/2006															
				5/16/2007															
				11/16/2007		0.0013		0.0003		0.0001	0.0001	0.0072	0.0004	0.0059	0.0003	0.0003		0.0016	0.0002
				5/8/2008		0.0016	0.0002	0.0005			0.0001	0.0048	0.0004	0.0005	0.0007	0.0002	*0.025*	0.0007	0.0003
				11/7/2008		0.0028		0.0004		0.0001	0.0001	0.0034	0.0006	0.0004	0.0003	0.0002		0.014	0.0009
				5/18/2009		0.0037	0.0007	0.0005				0.011	0.0002	0.0003	0.0001	0.0001	*0.023*	0.0005	0.0002
				1/20/2010		0.0008		0.0039	0.0002	0.0001		0.014	0.0015	0.0005	0.0001	0.0004	0.008	0.0003	0.0006
				5/25/2010		0.003 J		0.0011 J		0.0001 J		0.0063 J	0.0007 J	0.0002 J	0.0001 J	0.0004 J	0.0009 J	0.0005 J	0.0006 J
				11/15/2010		0.002 J		0.0005 J	0.0002 J	0.0001 J		0.0064 J	0.0039 J	0.0003 J	0.0002 J	0.0004 J	0.001 J	0.0001 J	0.0005 J
Mercury	0.0002	NE	0.001	1/20/2010		NA	NA	NA	0.00009		NA	NA	NA	NA	NA		NA	NA	NA
				5/25/2010		NA	NA	NA				NA	NA	NA	NA		NA	NA	NA
				11/15/2010		NA	NA	NA				NA	NA	NA	NA		NA	NA	NA

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Nickel	0.05	NE	0.1	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007		0.0033		0.0036		0.0059	0.0016	0.0027	0.0091	0.0091	0.0075	0.0053		0.0029	0.0007
				5/8/2008	0.0009	0.0052	0.0014	0.0021		0.0005	0.0074	0.0023	0.0043	0.0032	0.002	0.0078	0.0035	0.0014	0.0008
				11/7/2008		0.004		0.006		0.0071	0.0006	0.0017	0.0034	0.0061	0.0046	0.0047		0.0042	0.0013
				5/18/2009		0.0021	0.0017	0.0018		0.0054	0.0004	0.0012	0.0025	0.001	0.0009	0.0033	0.0019	0.0002	0.0004
				1/20/2010		0.0017	0.001	0.0031	0.0026	0.0058	0.0006	0.0021	0.0048	0.0011	0.0006	0.0051	0.0013	0.0009	0.0008
				5/25/2010		0.0032 J		0.0017 J	0.0015 J	0.0108 J		0.002 J	0.0071 J	0.0075 J	0.0104 J	0.0092 J	0.0004 J	0.0012 J	0.0008 J
				11/15/2010		0.0039 J		0.0062 J	0.0064 J	0.0121 J		0.0021 J	.0168 J	0.0057 J	0.0017 J	0.0091 J	0.0007 J	0.0016 J	0.0008 J
Nickel (Dissolved)				5/16/2001															
				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
Selenium	0.01	NE	0.02	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007		0.0019		0.0023		0.0056			0.0023	0.0079	0.006	0.0047		0.0022	
				5/8/2008	0.0003	0.0019	0.0002	0.0012		0.0003		0.0009	0.0025	0.0017	0.0017	0.0059	0.0013	0.0009	0.0002
				11/7/2008		0.0016		0.0048		0.0098	0.0003		0.0012	0.0053	0.0059	0.0035		0.003	0.0003
				5/18/2009		0.0052		0.0025		0.0082	0.0003	0.0005	0.0015	0.0005	0.0008	0.0022	0.0008		
				1/20/2010		0.0052		0.0019	0.0027			0.0002	0.005	0.002	0.0002	0.003			
				5/25/2010		0.001 J		0.0035 J	0.001 J	0.011		0.0011 J	0.0073 J	0.0075 J	0.0098 J	0.0044 J		0.0007 J	

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
				11/15/2010		0.0018 J			0.0088 J			0.0007 J		0.0072 J	0.0011 J	0.0047 J		0.0006 J	
Silver	0.01	NE	0.02	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007															
				5/8/2008		0.0002	0.0001	0.0001			0.0001	0.0001	0.0001	0.0001			0.0001		0.0001
				11/7/2008						0.0001	0.0001		0.0001		0.0001			0.0001	0.0001
				5/18/2009								0.0001					0.0001	0.0001	
				1/20/2010		0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0003	0.0003	0.0002	0.0001	0.0002
				5/25/2010		0.0001 J				0.0001 J		0.0001 J	0.0001 J			0.0001 J		0.0001 J	
				11/15/2010									0.0001 J	0.0001 J	0.0001 J	0.0001 J			
Thallium	0.0055	0.00028	0.0002	5/16/2001															
				11/12/2001															
				5/2/2002															
				11/27/2002															
				5/14/2003															
				11/13/2003															
				5/20/2004															
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007				0.0002						0.0002					
				5/8/2008		0.0001		0.0001			0.0001	0.0001	0.0001	0.0002	0.0001		0.0002		
				11/7/2008				0.0001						0.0001	0.0001			0.0001	
				5/18/2009															
				1/20/2010		0.0001			0.0001			0.0001	0.0001				0.0001	0.0001	0.0001
				5/25/2010								0.0001 J			0.0005 J	0.0001 J			
				11/15/2010				0.0001 J				0.0001 J	0.0005 J	0.0001 J					
Tin	0.1	2	2	1/20/2010		NA	NA	NA			NA	NA	NA	NA	NA		NA	NA	NA
				5/25/2010		NA		NA	0.0039 J	0.0015 J		NA	NA	NA	NA	0.0004 J	NA	NA	NA
				11/15/2010		NA		NA	0.0006 J	0.0005 J		NA	NA	NA	NA	0.0005 J	NA	NA	NA

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Vanadium	0.025	0.0003	0.0003	5/16/2001	0.048														
				11/12/2001															
				5/2/2002				0.124											
				11/27/2002				0.098											
				5/14/2003															
				11/13/2003															
				5/20/2004												0.115			
				11/5/2004															
				5/31/2005				0.044				0.045							
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007															
				11/16/2007		0.0015		0.0009		0.0017	0.0007	0.0069	0.0016	0.017	0.0025	0.0014		0.002	0.0007
				5/8/2008		0.0008					0.0011	0.0034	0.0012	0.0046	0.0031	0.001	*0.04*	0.0014	0.0008
				11/7/2008		0.0026		0.0013		0.0015	0.0001	0.0031	0.0018	0.0042	0.0013	0.0008		0.0092	0.0012
				5/18/2009		0.0035	0.0026	0.0018		0.0027	0.001	0.01	0.0016	0.0075	0.0018	0.0013	*0.03*	0.0023	0.0019
				1/20/2010		0.001	0.0005	0.0035	0.0021	0.0023	0.0004	0.0114	0.0051	0.0116	0.0008	0.0009	0.0189	0.0008	0.0009
				5/25/2010		0.0038 J		0.0021 J	0.0008 J	0.002 J		0.0083 J	0.0023 J	0.0058 J	0.0013 J	0.0016 J	0.002 J	0.0015 J	0.0014 J
				11/15/2010		0.0033 J		0.0006 J	0.0016 J	0.0026 J		0.0094 J	0.0032 J	0.0044 J	0.0011 J	0.0019 J	0.0031 J	0.0011 J	0.0009 J
Zinc	0.01	NE	1	5/16/2001	0.053														
				11/12/2001															
				5/2/2002															
				11/27/2002				0.099											
				5/14/2003				0.057											
				11/13/2003															
				5/20/2004												0.134			
				11/5/2004															
				5/31/2005															
				11/4/2005															
				5/30/2006															
				11/2/2006															
				5/16/2007	0.016		0.019										0.026		0.015
				11/16/2007		0.0079		0.0033		0.008	0.0036	0.016	0.0059	0.02	0.0034	0.0051		0.024	0.071
				5/8/2008	0.001	0.0045	0.0022	0.0019		0.0016	0.0026	0.0078	0.0041	0.003	0.0034	0.0027	0.043	0.0078	0.019
				11/7/2008		0.0051		0.0024		0.0033	0.0033	0.0053	0.0039	0.0036	0.003	0.0017		0.096	0.036
				5/18/2009		0.0094	0.014	0.005		0.0059	0.0016	0.012	0.0033	0.0025	0.0028	0.0032	0.021	0.0048	0.018
				1/20/2010		0.0022	0.0004	0.003	0.0031	0.0013	0.0005	0.016	0.0048	0.0039	0.0015	0.0031	0.015	0.0081	0.014
				5/25/2010		0.0022 J		0.0058 J	0.0029 J	0.0023 J		0.0085 J	0.0043 J	0.0033 J	0.0038 J	0.0063 J	0.0023 J	0.0053 J	0.011
				11/15/2010		0.0056 J		0.0035 J	0.0041 J	0.0034 J		0.0081 J	0.014	0.0045 J	0.0043 J	0.0054 J	0.0056 J	0.0068 J	0.017
Sulfide	1	NE	NE	11/15/2010		NA		NA		1.38	NA	NA	NA	NA	NA		NA	NA	NA

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
pH				5/16/2001	8.4	6.1	7.4	5.6				5.9		5.5	5.4			5.6	
				11/12/2001		6.1		5.5				5.8		5.7	5.9		6.1	5.8	
				5/2/2002		5.6		5.6				5.2	6.8	5.5	5.4	7.3	NA	5.8	
				11/27/2002		5.6		5.8				5.8	6.7	5.8	6.1	6.8	5.7	5.8	6.4
				5/14/2003	8.4	5.5	7.8	6.2				5.3	6.3	6.2	5.4	6.1	5.3	6.1	5.8
				11/13/2003		4.9		4.9				5.3	6.1	6.6	4.6	6.2	6	6.1	6
				5/20/2004		5.8		5.8				5.9	6.2	6.7	6.2	6.3	5.9	6.5	5.9
				11/5/2004		5.9	8.2	6.5				6.2	6.3	6.8	6.3	5.9	6.2	6.7	7.1
				5/31/2005		6		6.5				5.8	6.4	6.8	6.2	6.2	6.7	6.8	6.3
				11/4/2005		5.7		6.4				5.8	6.8	6.7	6.4	6.1	6.6	6.6	5.9
				5/30/2006		6.1	7.6	6.1				6	6.9	6.8	6.7	6.2	5.5	7	6.4
				11/2/2006		5.3		5.8				5.9	6.9	6.5	6.4	6.3	6.3	6.5	6
				5/16/2007	7.4	5.9	5.9	5.9				6.1	6.5	6.7	6.8	6.5	6.3	6.8	6.4
				11/16/2007		6.4	7.4	6.5		6.7	7.9	6	6.9	7.1	6.8	6.4	6.5	7.1	7
				5/8/2008	7.1	6.1		6.3		6.6	7.8	5.9		6.8	6.5		6	6.9	6.2
				11/7/2008		6.6		6.6		6.6	7.9	6.3	7.1	6.8	6.6	6.5		7	6.7
				5/18/2009		6.2	7.6	6.3		6.6	7.8	6.3	6.9	6.8	6.6	6.5	5.6	6.9	6.1
				1/20/2010		5.8	7.6	5.8	6.5	6.4	8	6	6.2	5.7	5.7	6.2	5.5	6.7	6
				5/25/2010		6.7		5.8	6.9	6.5		6.2	6.7	6.6	6.5	6.3	6	6.8	6.8
				11/15/2010		6.1		5.9	6.6	6.5		6.1	6	6.8	6.8	6.5	6.1	6.4	7.3
Specific Conductance, µmho/cm				5/16/2001		430						250		320	280			420	
				11/12/2001	400	510	470	420				110		320	360		430	160	
				5/2/2002		360		320				250		190	260			110	
				11/27/2002		607		210				220	353	285	310	342	110	254	191
				5/14/2003		635		300				436	285	1026	310	233	209	149	131
				11/13/2003	382	596	438	247				193	252	177	1074	196	142	196	159
				5/20/2004		495		307				178	380	4120	1316	239	134	331	119
				11/5/2004		721		1301				242	578	1779	1101	414	130	443	125
				5/31/2005		689		170711883				257	962	2740	969	508	112	348	200
				11/4/2005		614	490	687				281	783	393	661	285	125	1245	1310
				5/30/2006		570		421				195	969	2064	1670	854	1305	263	1450
				11/2/2006		885	492	280				166	828	787	1203	882	129	163	125
				5/16/2007		906		282				170	656	864	1960	1456	105	198	157
				11/16/2007	416	821	494	912		1399	553	332	905	1711	1395	1602	168	879	123
				5/8/2008	416	1116	494	426		1553	536	398	873	553	502	1333	189	245	147
				11/7/2008		992		1441		1802	518	433	824	1601	1263	1330		746	166
				5/18/2009		1495	498	626		1829	529	435	828	466	506	1267	144	214	181
				1/20/2010		956	491	463	656	1647	532	246	951	356	222	1065	126	234	166
				5/25/2010		916		380	475	3105		515	1587	1802	2129	1619	114	285	188
				11/15/2010		763		1069	1135	1401		477	1626	951	337	1125	112	312	152

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
																	Denotes record minimum water level (deep)	Denotes record maximum water level (shallow)	
				5/16/2001		8.91	12.69	10.90				6.94		9.84	8.66				
				11/12/2001	10.02	10.08		11.74				7.47		10.46	9.32				
				5/2/2002		7.85		10.53				6.62		9.73	8.51				
				11/27/2002		8.56		11.49				6.76	6.98	10.30	9.07	10.18			
				5/14/2003		7.83	12.06	10.20				6.60	6.18	9.46	8.48	9.36			
				11/13/2003	9.16	7.34		10.38				6.46	6.38	9.28	8.16	9.58			
				5/20/2004		8.49		10.74				6.80	6.61	9.55	8.50	9.61			
				11/5/2004		8.90		11.26				6.96	7.12	9.87	8.79	10.29			
Static Water Level, depth in feet (toc)				5/31/2005		8.28		10.55				6.73	6.61	9.37	8.30	9.79			
				11/4/2005		7.41		9.89				6.40	6.10	9.00	7.98	9.40			
				5/30/2006		8.46	12.35	10.87				6.74	6.80	9.63	8.51	10.00			
				11/2/2006		7.20		10.15				6.43	6.32	9.08	7.99	9.65			
				5/16/2007	8.62	7.27	11.95	10.30				6.50	6.31	9.18	8.00	9.58			
				11/16/2007		9.88		11.88		12.74	13.75	7.68	7.43	10.38	9.42	10.58			
				5/8/2008	8.90	9.86	12.28	10.51		12.00	12.50	6.58	6.60	9.45	8.40	9.86			
				11/7/2008		10.60		12.30		13.25	14.42	8.39	7.76	10.68	9.89	11.14			
				5/18/2009		9.14	12.81	11.12		12.46	13.00	6.80	7.00	9.84	8.68	10.45			
				1/20/2010		7.17	11.84	9.79	10.81	11.60	12.01	6.23	5.86	8.96	7.80	9.51			
				5/25/2010		9.04		10.61	11.57	12.32		6.80	6.57	9.39	8.34	8.47			
				11/15/2010		8.20		10.01	11.32	11.88		6.81	6.20	9.15	8.16	9.59			
Turbidity, NTU				5/16/2001															
Not Tested				11/12/2001															
Not Tested				5/2/2002															
Not Tested				11/27/2002	16														
				5/14/2003		9.2	190	9				7.2	2.3	5.9	17	250			
				11/13/2003		4		270				2.7	17	7.6	22	196			
				5/20/2004		23		32				170	18	80	33	250			
				11/5/2004		13		390				600	40	55	90	80			
				5/31/2005		23	54	250			11	250	45	46	45	37			
				11/4/2005		17		180		60		120	115	39	110	75			
				5/30/2006		11	14	31				9.5	37	35	194	10			
				11/2/2006	14	33		11				65	22	3.5	80	12			
				5/16/2007		160	25	17				80	40	23	300	55			
				11/16/2007		36	3.5	28				370	190	280	360	170			
				5/8/2008	23	70		9.6		<1	320	100	200	25	230	220			
				11/7/2008		80		60		300	1.9	45	70	150	70	55			
				5/18/2009		280	29	34		230	<1	120	17	20	65	55			
				1/20/2010		150	NA	47	55	<1	190	300	110	17	35	135			
				5/25/2010		80		35	18	330		130	40	35	65	140			
				11/15/2010		38		19	45	190		170	25	15	25	60			
				5/16/2007	0.247								0.0018						
				6/28/2007	0.02								0.0041						
				11/16/2007				0.0022		0.0033				0.0027	0.0017	0.0023		0.0023	0.0022
				5/8/2008	0.0021	0.0033	0.0025	0.0027		0.0056	0.0035	0.0031		0.0045	0.0034	0.0045	0.0045	0.0055	0.0038
Acetone	0.1	NE	6	11/7/2008		0.0017		0.0034		0.0045		0.0013	0.0015	0.0027	0.0024	0.0028		0.0037	0.0053
				5/18/2009		0.003				0.0021								0.0013	
				1/20/2010															
				5/25/2010															

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
				11/15/2010															
Benzene	0.001	NE	0.001	11/16/2007						0.001				0.0002	0.0003	0.0007			
				5/8/2008						*0.0011*						0.0005			
				11/7/2008						*0.0021*						0.0005			
				5/18/2009						*0.0015*						0.0003			
				1/20/2010						*0.0013*									
				5/25/2010						*0.0031*									
				11/15/2010		0.0006 J			0.0009 J	*0.0021*									
Carbon Disulfide	0.1	NE	0.7	5/18/2009												0.0002			
				1/20/2010															
				5/25/2010															
				11/15/2010															
Chloroethane	0.01	NE	3	11/16/2007		0.0003		0.0004		0.0007			0.0003						
				5/8/2008															
				11/7/2008															
				5/18/2009															
				1/20/2010															
				5/25/2010															
				11/15/2010															
Chloroform	0.005	NE	0.07	1/20/2010								0.0017	0.0004	0.0003					
				5/25/2010															
				11/15/2010															
Chloromethane	0.001	NE	0.003	11/16/2007									0.0002						
				5/8/2008	0.0003						0.0002	0.0002		0.0002				0.0003	
				11/7/2008						0.0005					0.0002			0.0002	
				5/18/2009															
				1/20/2010															
				5/25/2010															
				11/15/2010															
1,2-Dichloroethane	0.001	NE	0.0004	11/16/2007						*0.0004*									
				5/8/2008						*0.0004*									
				11/7/2008						*0.0007*									
				5/18/2009						*0.0005*									
				1/20/2010						*0.0004*									
				5/25/2010						*0.0005*									
				11/15/2010						0.0003 J									
Cis-1,2-Dichloroethene	0.005	NE	0.06	11/16/2007						0.0002						0.0002			
				5/8/2008						0.0002						0.0002			
				11/7/2008		0.001		0.0014		0.0013						0.0002			0.0016
				5/18/2009						0.0002									
				1/20/2010						0.0003									
				5/25/2010						0.0005 J									
				11/15/2010						0.0003 J									
Ethylbenzene	0.001	NE	0.6	11/16/2007				0.0003		0.0004									
				5/8/2008						0.0003									
				11/7/2008						0.0003									
				5/18/2009						0.0002									
				1/20/2010															
				5/25/2010						0.0007 J									
				11/15/2010						0.0003 J									

Constituent	SWSL	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3A	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Methylene Chloride	0.001	NE	0.005	11/16/2007						0.0003						0.0002			
				5/8/2008			0.0002	0.0002		0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
				11/7/2008												0.0002			
				5/18/2009						0.0002						0.0002			
				1/20/2010															
				5/25/2010															
				11/15/2010															
Methyl ethyl ketone (2-butanone)	0.1	NE	4	5/16/2007	*129*														
				6/28/2007	0.066														
				5/8/2008		0.0009	0.0009			0.0011	0.001					0.0011	0.0012	0.0017	
				11/7/2008								0.0011	0.0009	0.001	0.001			0.0012	
				5/18/2009		0.0248		0.001											
				1/20/2010															
				5/25/2010															
				11/15/2010															
Toluene	0.001	NE	0.6	11/16/2007						0.0002									
				5/8/2008						0.0003									
				11/7/2008						0.0004									0.0002
				5/18/2009						0.0002									
				1/20/2010															
				5/25/2010															
				11/15/2010													0.0003 J		
Trichloroethene	0.001	NE	0.003	5/25/2010						0.0003 J									
				11/15/2010															
Vinyl Chloride	0.001	NE	0.00003	11/16/2007						*0.0004*									
				5/8/2008															
				11/7/2008						*0.0005*									
				5/18/2010															
				1/20/2010															
				5/25/2010															
				11/15/2010															
2,4,5-TP (Silvex)	0.002	NE	0.05	5/25/2010						0.000738 J									
				11/15/2010															

Notes: The wells denoted "d" monitor the deeper regional aquifer (Yorktown Formation); wells denoted "s" and all others monitor the uppermost (surficial) aquifer

Certain inorganic constituents (e.g., chromium and lead) are believed to be tied to turbidity, subject to further evaluation

Wells MW-1d, MW-2d, and MW-3d are tested on a bi-annual basis SWSL – Solid Waste Section Limit NE – Not Established

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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ID#: 6003

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

DATE COLLECTED: 11/15/10
DATE REPORTED : 12/08/10

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-3A	MW-4	MW-5	MW-6	MW-7	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.6	6.1	6.0	6.8	6.8	11/15/10	RJH	SM4500HB
Cyanide, ug/l	5.0	10.0	--- U					11/23/10	SEJ	SM4500 CN-
Antimony, ug/l	0.22	6.0	--- U	--- U				11/18/10	LFJ	EPA200.8
Antimony, ug/l	0.22	6.0			0.6 J	--- U	--- U	11/19/10	CMF	EPA200.8
Arsenic, ug/l	0.04	10.0	5.4 J	2.3 J				11/18/10	LFJ	EPA200.8
Arsenic, ug/l	0.04	10.0			--- U			12/02/10	CMF	SM3113B
Arsenic, ug/l	0.04	10.0				4.8 J	0.9 J	11/19/10	CMF	EPA200.8
Barium, ug/l	0.03	100.0	100.0	141				11/18/10	LFJ	EPA200.8
Barium, ug/l	0.03	100.0			129	155	34.3 J	11/19/10	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	0.1 J	0.7 J				11/18/10	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0			1	0.1 J	0.1 J	11/19/10	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.1 J	0.5 J				11/18/10	LFJ	EPA200.8
Cadmium, ug/l	0.02	1.0			2	0.6 J	0.4 J	11/19/10	CMF	EPA200.8
Cobalt, ug/l	0.10	10.0	17	1.1 J				11/18/10	LFJ	EPA200.8
Cobalt, ug/l	0.10	10.0			7.8 J	0.7 J	0.8 J	11/19/10	CMF	EPA200.8
Copper, ug/l	0.03	10.0	0.5 J	1.3 J				11/18/10	LFJ	EPA200.8
Copper, ug/l	0.03	10.0			3.9 J	1.5 J	0.8 J	11/19/10	CMF	EPA200.8
Total Chromium, ug/l	0.03	10.0	0.3 J	3.1 J				11/18/10	LFJ	EPA200.8
Total Chromium, ug/l	0.03	10.0			11	2.0 J	0.4 J	11/19/10	CMF	EPA200.8
Lead, ug/l	0.01	10.0	0.2 J	6.4 J				11/18/10	LFJ	EPA200.8
Lead, ug/l	0.01	10.0			3.9 J	0.3 J	0.2 J	11/19/10	CMF	EPA200.8
Mercury, ug/l	0.08	0.20	--- U					11/18/10	LFJ	EPA200.8
Nickel, ug/l	0.05	50.0	6.4 J	2.1 J				11/18/10	LFJ	EPA200.8
Nickel, ug/l	0.05	50.0			16.8 J	5.7 J	1.7 J	11/19/10	CMF	EPA200.8
Selenium, ug/l	0.32	10.0	8.8 J	0.7 J				11/18/10	LFJ	EPA200.8
Selenium, ug/l	0.32	10.0			--- U			12/01/10	CMF	SM3113B
Selenium, ug/l	0.32	10.0				7.2 J	1.1 J	11/19/10	CMF	EPA200.8
Silver, ug/l	0.03	10.0	--- U	--- U				11/18/10	LFJ	EPA200.8
Silver, ug/l	0.03	10.0			0.1 J	0.1 J	0.1 J	11/19/10	CMF	EPA200.8
Thallium, ug/l	0.05	5.5	--- U	0.1 J				11/18/10	LFJ	EPA200.8
Thallium, ug/l	0.05	5.5			0.5 J	0.1 J	--- U	11/19/10	CMF	EPA200.8
Tin, ug/l	0.11	100.0	0.6 J					11/18/10	LFJ	EPA200.8
Vanadium, ug/l	0.03	25.0	1.6 J	9.4 J				11/18/10	LFJ	EPA200.8
Vanadium, ug/l	0.03	25.0			3.2 J	4.4 J	1.1 J	11/19/10	CMF	EPA200.8
Zinc, ug/l	0.08	10.0	4.1 J	8.1 J				11/18/10	LFJ	EPA200.8
Zinc, ug/l	0.08	10.0			14	4.5 J	4.3 J	11/19/10	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	45	170	25	15	25	11/15/10	HLB	SM2130B
Sulfide, ug/l	100	1000	--- U					11/19/10	LFJ	SM4500-S2D
Conductivity (at 25c), uMhos	1.0	1.0	1135	477	1626	951	337	11/15/10	RJH	SM2510B
Temperature, °C			17	17	19	18	18	11/15/10	RJH	SM2550B
Static Water Level, feet			11.32	6.81	6.20	9.15	8.16	11/15/10	RJH	
Well Depth, feet			23.44	15.98	21.06	16.65	16.33	11/15/10	RJH	

J = Between MDL and SWSL, U = Below ALL Quanititation 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: 11/15/10
DATE REPORTED : 12/08/10

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-8	Well #1 Shallow	Well #2 Shallow	Well #3 Shallow	Trip Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.5	6.1	5.9	6.5		11/15/10	RJH	SM4500HB
Cyanide, ug/l	5.0	10.0	--- U			--- U		11/23/10	SEJ	SM4500 CN-
Antimony, ug/l	0.22	6.0	--- U	--- U	--- U	--- U		11/19/10	CMF	EPA200.8
Arsenic, ug/l	0.35	10.0	4.0 J	1.9 J	5.6 J			11/19/10	CMF	EPA200.8
Arsenic, ug/l	0.35	10.0				--- U		12/02/10	CMF	SM3113B
Barium, ug/l	0.03	100.0	164	56.6 J	149	254		11/19/10	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	0.2 J	0.3 J	0.1 J	0.1 J		11/19/10	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.3 J	0.2 J	0.6 J	0.1 J		11/19/10	CMF	EPA200.8
Cobalt, ug/l	0.10	10.0	24	0.8 J	3.3 J	37		11/19/10	CMF	EPA200.8
Copper, ug/l	0.03	10.0	0.8 J	0.5 J	1.1 J	1.1 J		11/19/10	CMF	EPA200.8
Total Chromium, ug/l	0.03	10.0	0.8 J	0.5 J	0.6 J	1.7 J		11/19/10	CMF	EPA200.8
Lead, ug/l	0.01	10.0	0.4 J	2.0 J	0.5 J	0.1 J		11/19/10	CMF	EPA200.8
Mercury, ug/l	0.08	0.20	--- U			--- U		11/19/10	CMF	EPA200.8
Nickel, ug/l	0.05	50.0	9.1 J	3.9 J	6.2 J	12.1 J		11/19/10	CMF	EPA200.8
Selenium, ug/l	0.30	10.0	4.7 J	1.8 J				11/19/10	CMF	EPA200.8
Selenium, ug/l	0.30	10.0			--- U	--- U		12/01/10	CMF	SM3113B
Silver, ug/l	0.03	10.0	0.1 J	--- U	--- U	--- U		11/19/10	CMF	EPA200.8
Thallium, ug/l	0.05	5.5	--- U	--- U	0.1 J	--- U		11/19/10	CMF	EPA200.8
Tin, ug/l	0.11	100.0	0.5 J			0.5 J		11/19/10	CMF	EPA200.8
Vanadium, ug/l	0.03	25.0	1.9 J	3.3 J	0.6 J	2.6 J		11/19/10	CMF	EPA200.8
Zinc, ug/l	0.08	10.0	5.4 J	5.6 J	3.5 J	3.4 J		11/19/10	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	60	38	19	190		11/15/10	HLB	SM2130B
Sulfide, ug/l	100	1000	--- U			1380		11/19/10	LFJ	SM4500-S2D
Conductivity (at 25c), uMhos	1.0	1.0	1125	763	1069	1401		11/15/10	RJH	SM2510B
Temperature, °C			20	18	19	20		11/15/10	RJH	SM2550B
Static Water Level, feet			9.59	8.2	10.01	11.88		11/15/10	RJH	
Well Depth, feet			20.36	17.21	16.57	22.24		11/15/10	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
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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: 11/15/10
DATE EXTRACTED: 11/17/10
DATE ANALYZED: 11/17/10
DATE REPORTED: 12/08/10

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

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REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8151A

PARAMETERS, ug/l	MDL	SWSL	MW-3A	MW-8	Well #3 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

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

CLIENT ID: 6003

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

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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
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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: MO
DATE COLLECTED: 11/15/10
DATE ANALYZED: 11/15/10
DATE REPORTED: 12/08/10

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

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Environment 1, Incorporated

Drinking Water ID: 37715
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5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: CHS
DATE COLLECTED: 11/15/10
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DATE REPORTED: 12/08/10

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]antrhacene	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 Quanititation 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: 11/15/10
DATE EXTRACTED: 11/19/10
DATE ANALYZED: 11/19/10
DATE REPORTED: 12/08/10

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 Quanititation 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: 11/15/10
DATE EXTRACTED: 11/19/10
DATE ANALYZED: 11/19/10
DATE REPORTED: 12/08/10

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

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

CLIENT ID: 6003

ANALYST: MO
DATE COLLECTED: 11/15/10
DATE ANALYZED: 11/15/10
DATE REPORTED: 12/08/10

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	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	0.90 J	--- U	2.10	--- U
21. 1,2-Dichloroethane	0.21	1.0	--- U	--- U	0.30 J	--- 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	0.30 J	--- 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

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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: MO
DATE COLLECTED: 11/15/10
DATE ANALYZED: 11/15/10
DATE REPORTED: 12/08/10

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

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Environment 1, Incorporated

Drinking Water ID: 37714
Wastewater ID: 10

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

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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: 11/15/10
DATE REPORTED : 11/23/10

REVIEWED BY:

PARAMETERS	MDL	SWSL	SW-1	SW-2	SW-3	SW-4	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.1	6.4	7.3	6.5	11/15/10	RJH	SM4500HB
Antimony, ug/l	0.22	6.0	--- U	--- U	--- U	--- U	11/19/10	CMF	EPA200.8
Arsenic, ug/l	0.04	10.0	2.0 J	1.1 J	0.6 J	0.5 J	11/19/10	CMF	EPA200.8
Barium, ug/l	0.03	100.0	49.8 J	59.1 J	75.5 J	94.2 J	11/19/10	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	0.1 J	0.1 J	0.1 J	0.1 J	11/19/10	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.1 J	0.1 J	0.1 J	0.2 J	11/19/10	CMF	EPA200.8
Cobalt, ug/l	0.10	10.0	0.4 J	0.5 J	1.0 J	0.7 J	11/19/10	CMF	EPA200.8
Copper, ug/l	0.03	10.0	0.3 J	0.1 J	0.1 J	0.3 J	11/19/10	CMF	EPA200.8
Total Chromium, ug/l	0.03	10.0	0.5 J	0.5 J	0.2 J	0.3 J	11/19/10	CMF	EPA200.8
Lead, ug/l	0.01	10.0	1.0 J	0.1 J	0.5 J	0.2 J	11/19/10	CMF	EPA200.8
Nickel, ug/l	0.05	50.0	0.7 J	1.6 J	0.8 J	0.8 J	11/19/10	CMF	EPA200.8
Selenium, ug/l	0.32	10.0	--- U	0.6 J	--- U	--- U	11/19/10	CMF	EPA200.8
Silver, ug/l	0.03	10.0	--- U	--- U	--- U	--- U	11/19/10	CMF	EPA200.8
Thallium, ug/l	0.05	5.5	--- U	--- U	--- U	--- U	11/19/10	CMF	EPA200.8
Vanadium, ug/l	0.03	25.0	3.1 J	1.1 J	0.9 J	0.9 J	11/19/10	CMF	EPA200.8
Zinc, ug/l	0.08	10.0	5.6 J	6.8 J	17	3.9 J	11/19/10	CMF	EPA200.8
Conductivity (at 25c), uMhos	1.0	1.0	112	312	152	117	11/15/10	RJH	SM2510B
Temperature, °C			11	10	10	13	11/15/10	RJH	SM2550B

J = Between MDL and SWSL, U = Below ALL Quanititation 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: 11/15/10
DATE ANALYZED: 11/16/10
DATE REPORTED: 11/23/10

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	--- 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 Quanititation Limits.

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

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

CHAIN OF CUSTODY RECORD

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

DISINFECTION
- ☐ CHLORINE
- ☐ UV
- ☐ NONE
- ☐ ______

							Field pH	Metals	Conductivity	Temperature	EPA 8260B	8260 Dup. 1
CHLORINE NEUTRALIZED AT COLLECTION												
pH CHECK (LAB)								02			02	02
CONTAINER TYPE, P/G							P	P	P	P	G	G
CHEMICAL PRESERVATION							A	A	A	A	E	E
SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS							
SW-1	11/15/10	1110		11	4		G	G	G	G	G	G
SW-2	11/15/10	1035		10	4		G	G	G	G	G	G
SW-3	11/15/10	0930		10	4		G	G	G	G	G	G
SW-4	11/15/10	1230		13	4		G	G	G	G	G	G

CHEMICAL PRESERVATION: A - NONE, B - HNO_3, C - H_2SO_4, D - NAOH, E - HCL, F - ZINC ACETATE, G - NA THIOSULFATE

CLASSIFICATION:
- ☐ WASTEWATER (NPDES)
- ☐ DRINKING WATER
- ☐ DWQ/GW
- ☒ SOLID WASTE SECTION

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY: (Y) N

SAMPLES COLLECTED BY: (Please Print) H Hoge / F of

SAMPLES RECEIVED IN LAB AT 02 °C

RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.) (SAMPLER): Bob Hoge	11/15/10	RECEIVED BY (SIG.): B D	11/15 216
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

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.

FORM #5

№ 207951