

NC DENR  
Division of Waste Management - Solid Waste

**Environmental Monitoring  
Reporting Form**

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

**Instructions:**

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

**Solid Waste Monitoring Data Submittal Information**

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

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

Name: Joan Smyth, P.G.

Phone: 919-828-0577 x 122

E-mail: joan@rsgengineers.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Washington County C&D Landfill	Washington County Landfill 943 Washington Square Mall Plymouth, NC 27962	94-04	.0500	March 26, 2009

**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.

Joan Smyth, P.G.

Senior Hydrogeologist

919-828-0577 x122

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

*Joan A. Smyth*  
Signature

5/13/09  
Date

Affix NC Licensed/Professional Geologist/Engineer Seal here:



# **Washington County C&D Landfill**

## **Ground Water Monitoring Report**

### **March 2009 Semi-annual Monitoring Event**

**Washington County C&D Landfill  
Washington, North Carolina  
NC Solid Waste Permit # 94-04 CDLF 1996**

Prepared for:

**Washington County**  
943 Washington Square Mall  
Plymouth, NC 27962

**May 2009**



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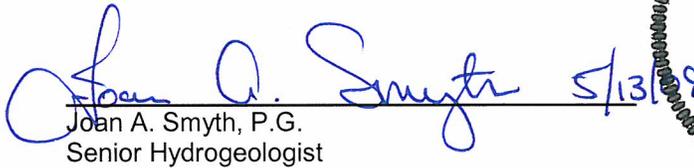
# Spring 2009 Ground Water Monitoring Report

**Washington County C&D Landfill  
Washington, North Carolina  
NC Solid Waste Permit # 94-04 CDLF-1996**

Prepared for:

**Washington County Solid Waste  
943 Washington Square Mall  
Plymouth, North Carolina 27962**

RSG Project No. **Wash 08-2**

 5/13/09  
Joan A. Smyth, P.G.  
Senior Hydrogeologist



**May 2009**



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**Washington County C&D Landfill**

**Semi-annual Ground Water Monitoring Report  
March 2009 Event**

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- Table 2 – Field Parameter Results
- Table 3 – Detected Inorganic Constituents
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Appendix A – Laboratory Analytical Report

## 1.0 Introduction

The Washington County Landfill, operating under Solid Waste Permit #94-04-CDLF-1996, is required to submit semiannual ground water monitoring reports for ground water monitoring. This report presents the results of the first semi-annual monitoring event for 2009, conducted on March 26<sup>th</sup>, 2009.

The Washington County Landfill is currently accepting C&D waste. The ground water monitoring network consists of four (4) wells located around the perimeter of the landfill. This report includes summaries of the field procedures, laboratory analyses, and ground water characterization.

## 2.0 Sampling Procedures

The sampling event, performed by Environment 1, Inc. on March 26<sup>th</sup>, 2009, consisted of collecting samples from four (4) ground water wells (MW-1 through MW-4) in accordance with the approved site Sampling and Analysis Plan. Also included in the analysis were trip and field blanks for quality control.

Sampling methods followed the protocol outlined in the North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities (North Carolina Department of Environment and Natural Resources, Division of Waste Management). The depth to water in each well was gauged prior to purging and sampling. Field measurements of pH, specific conductivity, and temperature were obtained from each well.

All samples were collected in laboratory prepared containers for the specified analytical procedures. Sampling equipment (Teflon bailers) were cleaned in the laboratory and transported to the site in aluminum foil. Ground water samples were properly preserved, placed on ice, and transported to the laboratory facility within the specified holding times for each analysis.

## 3.0 Field & Laboratory Results

### 3.1 Laboratory Analysis

The ground and surface water samples were transported to Environment 1, Inc., a North Carolina certified laboratory (NC Wastewater ID #10). Laboratory analysis consisted of the full suite of RCRA Subtitle D Appendix I constituents. Parameters were reported at NC DWM Solid Waste Section Limits (SWSLs). The laboratory analytical report is included as **Appendix A**.

### 3.2 Field and Laboratory Results

The field parameter results are included in **Table 1**, while detected constituents are presented in **Tables 2 & 3**.

Eight (8) inorganic constituents (beryllium, cadmium, cobalt, iron, manganese, lead, vanadium and

zinc) were detected above the SWSL in 4 wells (MW-1 through MW-4) shown in **Table 2**. Of these, three (3) inorganic constituents were detected above the 2L ground water standards:

- iron;
- manganese; and
- vanadium.

Of these, beryllium, cobalt and vanadium have no 2L standard. Therefore, any detection is an exceedance of the standard. None of the organic constituents were detected below the SWSL shown in **Table 3**. No surface water samples were taken. Constituents detected below the SWSL are denoted as “J” values and are also included in **Tables 2 & 3**.

#### **4.0 Ground Water Characterization**

A potentiometric surface map was prepared from ground water elevation data collected during this sampling event. The data indicates that ground water is flowing generally to the southwest direction. Hydraulic conductivity data is not available for these wells so ground water velocities could not be calculated. The potentiometric surface map (**Figure 1**) is also attached for your review.

#### **5.0 Conclusions**

The data and analyses show relatively stable ground water quality at the Washington County C&D Landfill. The inorganic constituents detected are likely due to turbidity in the sample as these are naturally occurring in the soils.

The next ground water monitoring event is scheduled for September 2009. Results will be reported upon completion of laboratory analysis.

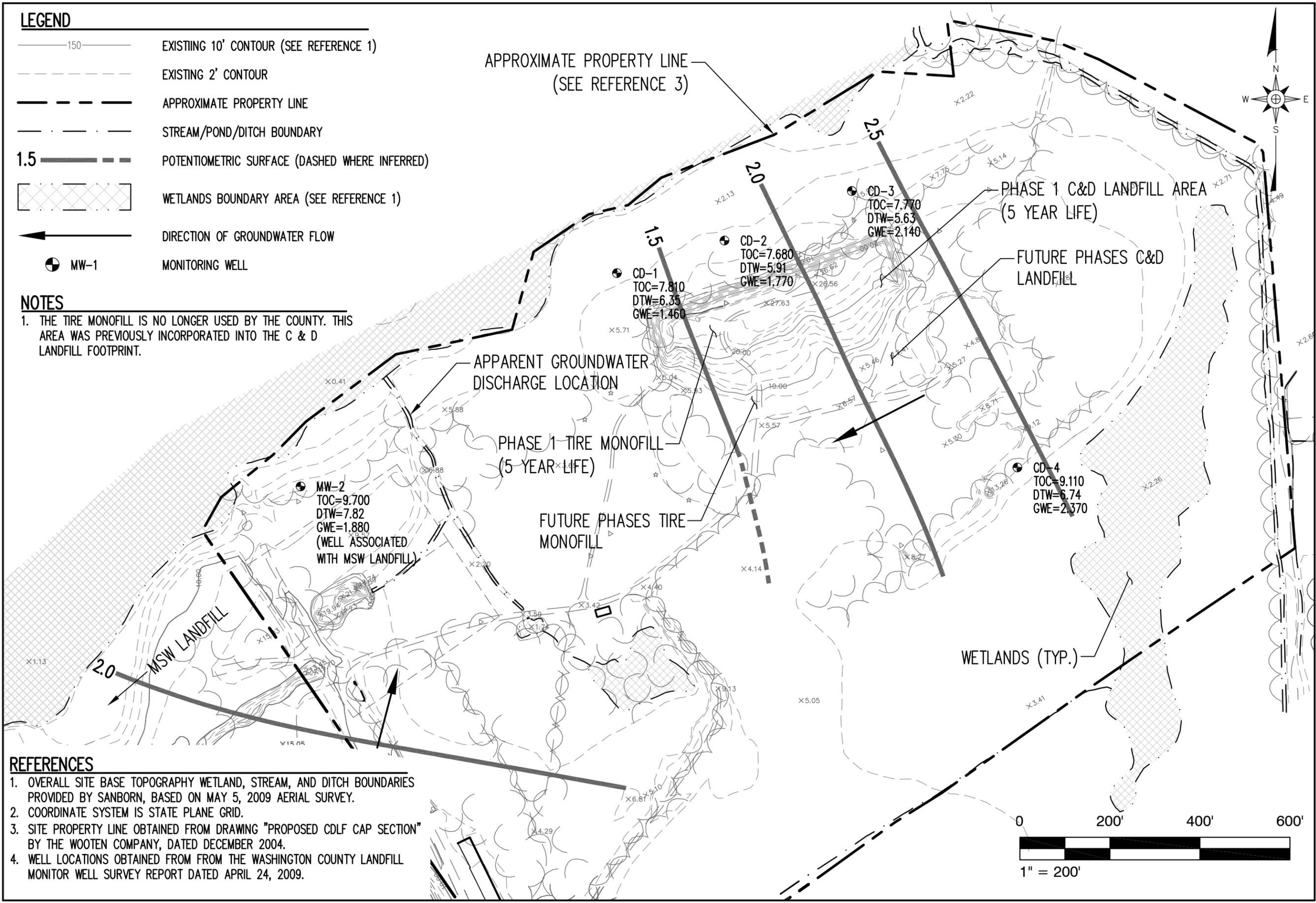
Figures

**LEGEND**

-  150 EXISTING 10' CONTOUR (SEE REFERENCE 1)
-  EXISTING 2' CONTOUR
-  APPROXIMATE PROPERTY LINE
-  STREAM/POND/DITCH BOUNDARY
-  1.5 POTENTIOMETRIC SURFACE (DASHED WHERE INFERRED)
-  WETLANDS BOUNDARY AREA (SEE REFERENCE 1)
-  DIRECTION OF GROUNDWATER FLOW
-  MW-1 MONITORING WELL

**NOTES**

1. THE TIRE MONOFILL IS NO LONGER USED BY THE COUNTY. THIS AREA WAS PREVIOUSLY INCORPORATED INTO THE C & D LANDFILL FOOTPRINT.



**REFERENCES**

1. OVERALL SITE BASE TOPOGRAPHY WETLAND, STREAM, AND DITCH BOUNDARIES PROVIDED BY SANBORN, BASED ON MAY 5, 2009 AERIAL SURVEY.
2. COORDINATE SYSTEM IS STATE PLANE GRID.
3. SITE PROPERTY LINE OBTAINED FROM DRAWING "PROPOSED CDLF CAP SECTION" BY THE WOOTEN COMPANY, DATED DECEMBER 2004.
4. WELL LOCATIONS OBTAINED FROM FROM THE WASHINGTON COUNTY LANDFILL MONITOR WELL SURVEY REPORT DATED APRIL 24, 2009.

**RICHARDSON SMITH GARDNER & ASSOCIATES**  
14 N. Boylan Ave. Raleigh, N.C. 27603  
 ph: 919-826-0577 fax: 919-826-3898  
 www.rsgengineers.com

DRAWN BY: W.R.B.	CHECKED BY: J.A.S.	SCALE: AS NOTED	FIGURE NO. 1
DATE: May, 2009		PROJECT NO. WASH 08-2	
FILE NAME WASH-B0005			

**WASHINGTON COUNTY  
 C&D LANDFILL  
 POTENTIOMETRIC SURFACE MAP  
 SPRING 2009**

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Tables



**Table 1**  
**Groundwater Elevations**  
**Washington County C&D Landfill**  
**3/26/2009**

<b>Well</b>	<b>Northing</b>	<b>Easting</b>	<b>TOC Elevation (feet)</b>	<b>Water Level (feet)</b>	<b>GW Elev (feet)</b>
MW-1	799028.14	2691515.73	7.81	6.35	1.46
MW-2	799100.9	2691755.17	7.68	5.91	1.77
MW-3	799210.55	2692038.09	7.77	5.63	2.14
MW-4	798597.78	2692406.42	9.11	6.74	2.37

**Table 2**  
**Field Parameter Results**  
**Washington County C&D Landfill**  
**3/26/2009**

<b>Well</b>	<b>pH (Std units)</b>	<b>Spec Cond (umhos/cm)</b>	<b>Temp (celsius)</b>
MW-1	4.0	470	15
MW-2	4.0	918	15
MW-3	5.0	73	16
MW-4	5.1	59	15

**Note:** PH measured with a "Hanna" pH/EC/TDS Meter, type HI9811  
 Temperature measured with a laboratory grade thermometer.  
 Data Collected by Environmental 1, Inc.

**Table 3**  
**Detected Inorganic Constituents**  
**Washington County C&D Landfill**  
**3/26/2009**

Parameter	SWSL	2L or GWP Standard	MW-1	MW-2	MW-3	MW-4
Animony	6	64	ND	ND	ND	ND
Arsenic	10	50	1.0 J	1.7 J	4.5 J	0.4 J
Barium	100	2000	37 J	16.1 J	30.7 J	14.5 J
Beryllium	1	4.0	<b>3</b>	<b>3</b>	0.3 J	0.1 J
Cadmium	1	1.75	<b>1</b>	<b>1</b>	0.3 J	0.1 J
Total Chromium	10	50	ND	0.7 J	2.9 J	0.3 J
Cobalt	10	70.0	5.3 J	<b>20</b>	1.0 J	2.2 J
Copper	10	1000	0.9 J	1.8 J	2.1 J	0.4 J
Iron	300	300	<b>10570</b>	<b>25750</b>	<b>45975</b>	<b>951</b>
Manganese	50	50	<b>334</b>	<b>2492</b>	<b>146</b>	<b>56</b>
Lead	10	15	0.5 J	0.7 J	<b>12</b>	0.7 J
Mercury	0.2	1.05	ND	ND	0.01 J	ND
Nickel	50	100	3.5 J	5.9 J	1.2 J	0.5 J
Selenium	10	50	3.4 J	2.6 J	1.3 J	ND
Silver	10	17.5	ND	ND	ND	ND
Thallium	5	0.3	0.1 J	0.1 J	ND	ND
Vanadium	25	3.5	1.4 J	5.6 J	<b>45</b>	4.4 J
Zinc	10	1050	<b>13</b>	<b>70</b>	5.2 J	1.9 J

Note: All results in ug/l (ppb)

- ND - Not detected at or above SWSL
- Shading - Levels above 2L standard or no 2L standard
- Bold Letters - Levels below 2L standard
- SWSL - Solid Waste Section Quantitation Limits
- J - Detected constituents below the SWSL limit.
- 2L - Groundwater Standards (15A NCAC 2L 0200).
- GWP - Groundwater Protection Standards.

Note: Lab data analyzed by Environmental 1, Inc. ID# 6001. March 26, 2009.



**Table 4**  
**Detected Organic Constituents**  
**Washington County C&D Landfill**  
**3/26/2009**

Parameter	SWSL	2L or GWP Standard	MW-1	MW-2	MW-3	MW-4
Acetone	100	700	1.6 J	1.4 J	ND	1.3 J
Chloromethane	1	2.6	ND	ND	ND	0.2 J

Note: All results in ug/l (ppb)

- ND - Not detected at or above SWSL
- Shading - Levels above 2L standard or no 2L standard
- Bold Letters - Levels below 2L standard
- SWSL - Solid Waste Section Quantitation Limits
- J - Detected constituents below the SWSL limit.
- 2L - Groundwater Standards (15A NCAC 2L 0200).
- GWP - Groundwater Protection Standards.

Note: Lab data analyzed by Environmental 1, Inc. ID# 6001. March 26, 2009.

Appendix A

Laboratory Analytical Report

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

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

ID#: 6030

WASHINGTON CO. LANDFILL (C&D)  
MR. CARL CRITCHER  
P.O. BOX 1007  
PLYMOUTH ,NC 27962

DATE COLLECTED: 03/26/09  
DATE REPORTED : 04/09/09

REVIEWED BY: 

PARAMETERS	MDL	Well				Analysis		Method Code			
		SWSL	#1	#2	#3	#4	Date Analyst				
PH (field measurement), Units			4.0	4.0	5.0	5.1	03/26/09 RJH	SM4500HB			
Total Alkalinity, mg/l	1.0	1.0	---	U	---	U	4	6	03/30/09 TRB	SM2320B	
Chloride, mg/l	5.0	5.0	39	20	7	14	04/02/09 MJN		SM4500-CLB		
Total Dissolved Residue, mg/l	1.0	1.0	283	696	50	43	03/31/09 TRB		SM2540C		
Sulfate, mg/l	5.0	250.0	133.6 J	350.3	8.5 J	8.5 J	03/30/09 TRB		SM4500-SO4E		
Antimony, ug/l	0.08	6.0	---	U	---	U	---	U	04/01/09 CMF	EPA200.8	
Arsenic, ug/l	0.07	10.0	1.0 J	1.7 J	4.5 J	0.4 J	04/01/09 CMF		EPA200.8		
Barium, ug/l	0.34	100.0	37.0 J	16.1 J	30.7 J	14.5 J	04/01/09 CMF		EPA200.8		
Beryllium, ug/l	0.17	1.0	3	3	0.3 J	0.1 J	04/01/09 CMF		EPA200.8		
Cadmium, ug/l	0.04	1.0	1	1	0.3 J	0.1 J	04/01/09 CMF		EPA200.8		
Cobalt, ug/l	2.53	10.0	5.3 J	20	1.0 J	2.2 J	04/01/09 CMF		EPA200.8		
Copper, ug/l	2.24	10.0	0.9 J	1.8 J	2.1 J	0.4 J	04/01/09 CMF		EPA200.8		
Total Chromium, ug/l	1.38	10.0	---	U	0.7 J	2.9 J	0.3 J	04/01/09 CMF		EPA200.8	
Iron, ug/l	14.0	300.0	10570	25750	45975	951	04/06/09 ADD		SM3111B		
Manganese, ug/l	0.50	50.0	334	2492	146	56	04/03/09 LFFJ		EPA200.7		
Lead, ug/l	0.04	10.0	0.5 J	0.7 J	12	0.7 J	04/01/09 CMF		EPA200.8		
Mercury, ug/l	0.13	0.20	---	U	---	U	0.01 J	---	U	04/01/09 CMF	EPA200.8
Nickel, ug/l	1.35	50.0	3.5 J	5.9 J	1.2 J	0.5 J	04/01/09 CMF		EPA200.8		
Selenium, ug/l	0.14	10.0	3.4 J	2.6 J	1.3 J	---	U	04/01/09 CMF	EPA200.8		
Silver, ug/l	2.32	10.0	---	U	---	U	---	U	04/01/09 CMF	EPA200.8	
Thallium, ug/l	0.04	5.0	0.1 J	0.1 J	---	U	---	U	04/01/09 CMF	EPA200.8	
Vanadium, ug/l	1.21	25.0	1.4 J	5.6 J	45	4.4 J	04/01/09 CMF		EPA200.8		
Zinc, ug/l	1.86	10.0	13	70	5.2 J	1.9 J	04/01/09 CMF		EPA200.8		
Conductivity (at 25c), uMhos	1.0	1.0	470	918	73	59	03/26/09 RJH		SM2510B		
Temperature, °C			15	15	16	15	03/26/09 RJH		SM2550B		
Static Water Level, feet			6.35	5.91	5.63	6.74	03/26/09 RJH				
Well Depth, feet			22.90	19.90	21.45	20.67	03/26/09 RJH				

# Environment 1, Incorporated

Drinking Water ID: 37715  
Wastewater ID: 19

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

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

CLIENT: WASHINGTON CO. LANDFILL (C&D)  
MR. CARL CRITCHER  
P.O. BOX 1007  
PLYMOUTH, NC 27962

CLIENT ID: 6030  
ANALYST: MAO  
DATE COLLECTED: 03/26/09  
DATE ANALYZED: 04/02/09  
DATE REPORTED: 04/09/09

Page: 1

REVIEWED BY: 

## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	Well #1	Well #2	Well #3	Well #4
1. Chloromethane	0.18	1.0	--- U	--- U	--- U	0.20 J
2. Vinyl Chloride	0.34	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	1.60 J	1.40 J	--- U	1.30 J
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U
15. 2-Butanone	0.85	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- U	--- U	--- U

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

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

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

CLIENT: 6030 Week: 12

WASHINGTON CO. LANDFILL (C&D)  
 MR. CARL CRITCHER  
 P.O. BOX 1007  
 PLYMOUTH NC 27962

(252) 793-5615

CHAIN OF CUSTODY RECORD

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION			Field pH	Alkalinity	Chloride	TDS	Sulfate	Metals	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2	CHLORINE NEUTRALIZED AT COLLECTION	
	DATE	TIME				CHLORINE	UV	NONE														
Well #1	03/26/09	0545		15	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	A	A	A	A	A	A	A	A	E	E	E		
Well #2	03/26/09	1000		15	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	A	A	A	A	A	A	A	A	E	E	E		
Well #3	03/26/09	1015		12	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	A	A	A	A	A	A	A	A	E	E	E		
Well #4	03/26/09	1030		15	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	A	A	A	A	A	A	A	A	E	E	E		
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	DATE/TIME	DATE/TIME
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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	DATE/TIME	DATE/TIME

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 177644

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE: P/G

CHEMICAL PRESERVATION

A - NONE D - NaOH  
 B - HNO<sub>3</sub> E - HCL  
 C - H<sub>2</sub>SO<sub>4</sub> F - ZINCACETATE  
 G - NATHIOSULFATE

CLASSIFICATION:

SOLID WASTE SECTION

WASTEWATER (NPDES)

DRINKING WATER

DMO/GW

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY

SAMPLES COLLECTED BY: *D*

SAMPLES RECEIVED IN LAB AT: *0.2*

COMMENTS: