

**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):**

C. T. Clayton, Sr., PE, Inc. (Consultant)

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

Name: C. Tyrus Clayton, Jr., PE Phone: 910-897-7070  
 E-mail: tyrus@ctclayton.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Anderson Creek C&D Landfill	1164 Poplar Dr., Spring Lake, NC 28390	43-04	.0500	April 18, 2011

**Environmental Status: (Check all that apply)**

- Initial/Background Monitoring  Detection Monitoring  Assessment Monitoring  Corrective Action

**Type of data submitted: (Check all that apply)**

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

**Notification attached?**

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

**Certification**

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

C. Tyrus Clayton, Jr., PE Consultant (910) 897-7070  
 Facility Representative Name (Print) Title (Area Code) Telephone Number  
*C. Tyrus Clayton, Jr.* Digitally signed by C. Tyrus Clayton, Jr., PE 12/14/2011 Affix NC Licensed/ Professional Geologist Seal  
DN: cn=C. Tyrus Clayton, Jr., PE, o=C. T. Clayton, Sr., PE, Inc., ou=Environmental Monitoring, email=tyrus@ctclayton.com, c=US, Date: 2011.12.14 15:15:02 -0500

Signature Date  
 PO Box 578, 46 West Washington St, Coats NC 27521

Facility Representative Address

C-2570

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



December 12, 2011

Ms. Elizabeth Werner  
Solid Waste Section  
Division of Waste Management  
North Carolina Department of Environment and Natural Resources  
Mail Service Center 1646  
Raleigh, NC 27699-1646

**RE: ANDERSON CREEK LANDFILL - HARNETT COUNTY, SWS PERMIT 43-03**  
**GROUNDWATER MONITORING AT THE C & D SITE, APRIL 2011**

Dear Ms. Werner:

Please find the attached summary table (Table 1) of results from the April 2011 sampling and analysis at Anderson Creek C & D Landfill, Harnett County. Copies of the site plan, analytical results, and chain of custody forms are also enclosed.

To comply with the requirements of the Solid Waste Section Memorandums dated October 27, 2006, February 23, 2007, and October 16, 2007, the new Solid Waste Section Limits (SWSL) and Method Detection Limits (MDLs) have been incorporated. Only values exceeding the SWSL are presented as detections, except when an estimated value ( $MDL < result < SWSL$ ) exceeds a 2L North Carolina Groundwater Standards (NCGS - updated in 2010) or a 13B Groundwater Protection Standard. The table is intended to fulfill the requirements of the notification table per the new Environmental Monitoring Reporting Form, which is also attached.

During the April 2011 sampling event, barium was detected in MW-2, MW-5, and CDMW-5. Mercury was detected at MW-2, MW-4, and MW-5. Inorganic levels did not exceed NCGS. For organics, benzene was detected at MW-5 at a level exceeding NCGS. Tetrahydrofuran was also detected at MW-5, although an NCGS has not been established for this parameter.

Should you have any questions or comments, please contact us at telephone (910) 897-7070 or by e-mail at [tyrus@ctclayton.com](mailto:tyrus@ctclayton.com).

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Tyrus Clayton, Jr.", is written over the word "Sincerely,".

C. Tyrus Clayton, Jr., PE

cc. Jerry Blanchard - Harnett County  
C.T. Clayton, Sr., PE  
C.J. Poran, PE – ENSOL

/attachments

**46 West Washington Street - Coats, North Carolina 27521**

Phone: 910-897-7070 - Fax: 910-897-6767

Offices located in Coats and New Bern, North Carolina

License No. C-2570 - dba C. T. Clayton, Sr., P. E., Inc. - [www.ctclayton.com](http://www.ctclayton.com)

Table 1  
Groundwater Monitoring Well Data  
Results for April 2011  
Anderson Creek  
Harnett County, North Carolina

CONSTITUENT	RESULTS - APRIL 2011 SAMPLING EVENT											NCGS*
SAMPLE SITE	MW1	MW2	MW4	MW5	CDMW1	CDMW2	CDMW3	CDMW5	CDMW6	SWPT1	SWPT2	
INORGANICS (mg/l)												(mg/l)
Arsenic					NA						NA	0.01
Barium		0.32		0.155	NA			0.179			NA	0.7
Cadmium					NA						NA	0.002
Chromium					NA						NA	0.01
Lead					NA						NA	0.015
Mercury		0.00036	0.00029	0.00038	NA						NA	0.001
Selenium					NA						NA	0.02
Silver					NA						NA	0.02
ORGANICS (ug/l)					NA						NA	(ug/l)
Acetone					NA						NA	700
Benzene				1.4	NA						NA	1
Chloroethane					NA						NA	3000
cis-1,2-Dichloroethene					NA						NA	70
Dichlorodifluoromethane					NA						NA	1000
Methylene chloride					NA						NA	5
1,1-Dichloroethane					NA						NA	6
Toluene					NA						NA	600
Vinyl Chloride					NA						NA	0.03
Tetrahydrofuran				2.5	NA						NA	NE
NOTES	<p>- indicates concentrations exceeding NCGS*</p> <p>"NE" - not established</p> <p>"NA" - not applicable</p> <p>Only values greater than the Solid Waste Section Limit are shown as detections, with the following exception: Estimated values (greater than the Method Detection Limit but less than the Solid Waste Section Limit) are shown only if they exceed NCGS and are in <i>italics</i>.</p> <p>*NCGS is the 2L NC Groundwater Standard, unless noted above as a 13B Groundwater Protection Standard **. SWPT2 was missing during the April 2010 sampling event.</p>											

# 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#: 6041

HARNETT CO. (ANDERSON CREEK)  
GENERAL SERVICES HARNETT CO.  
MR. JERRY BLANCHARD, MANAGER  
900 SOUTH 9TH STREET  
LILLINGTON, NC 27546

DATE COLLECTED: 04/18/11  
DATE REPORTED : 05/05/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2	Analysis		Method
								Date	Analyst	Code
PH (field measurement), Units			5.3	5.5	6.1	6.0	5.8	04/18/11	RJH	SM4500HB
Arsenic, ug/l	0.10	10.0	2.3 J	0.51 J	3.4 J	2.0 J	0.28 J	04/25/11	LFJ	EPA200.8
Barium, ug/l	0.02	100.0	26.4 J	320	25.5 J	155	54.5 J	04/25/11	LFJ	EPA200.8
Cadmium, ug/l	0.02	1.0	0.14 J	0.10 J	0.05 J	---	0.06 J	04/25/11	LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	---	1.8 J	---	0.60 J	0.18 J	04/25/11	LFJ	EPA200.8
Lead, ug/l	0.02	10.0	0.30 J	3.2 J	0.82 J	0.35 J	1.2 J	04/25/11	LFJ	EPA200.8
Mercury, ug/l	0.05	0.20	---	0.36	0.29	0.38	0.08 J	04/25/11	LFJ	EPA200.8
Selenium, ug/l	0.20	10.0	0.28 J	0.74 J	---	4.5 J	---	04/25/11	LFJ	EPA200.8
Silver, ug/l	0.02	10.0	---	---	---	---	---	04/25/11	LFJ	EPA200.8
Turbidity, NTU	1.0	1.0	13	290	65	390	40	04/19/11	MEL	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	169	298	118	1731	74	04/18/11	RJH	SM2510B
Temperature, °C			17	16	15	15	16	04/18/11	RJH	SM2550B
Static Water Level, feet			14.65	11.63	5.57	9.61	9.08	04/18/11	RJH	
Well Depth, feet			21.20	26.00	20.25	22.20	41.28	04/18/11	RJH	
Water Bailed, Gals.			3.0	6.9	6.9	6.0	15.9	04/18/11	RJH	

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

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900 SOUTH 9TH STREET  
LILLINGTON, NC 27546

DATE COLLECTED: 04/18/11  
DATE REPORTED : 05/05/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Equipment	Trip	Analysis	Method
						Blank	Blank	Date	Analyst
PH (field measurement), Units			5.3	4.5	4.9			04/18/11	RJH SM4500HB
Arsenic, ug/l	0.10	10.0	--- U	0.29 J	8 J	---	U	04/26/11	CMF EPA200.8
Barium, ug/l	0.02	100.0	52.7 J	179	17.5 J	0.09 J		04/26/11	CMF EPA200.8
Cadmium, ug/l	0.02	1.0	0.35 J	---	0.16 J	---	U	04/26/11	CMF EPA200.8
Total Chromium, ug/l	0.04	10.0	0.27 J	0.89 J	9.3 J	---	U	04/26/11	CMF EPA200.8
Lead, ug/l	0.02	10.0	1.3 J	2.1 J	6.6 J	---	U	04/26/11	CMF EPA200.8
Mercury, ug/l	0.05	0.20	0.08 J	0.11 J	0.13 J	---	U	04/26/11	CMF EPA200.8
Selenium, ug/l	0.20	10.0	---	U	0.57 J	---	U	04/26/11	CMF EPA200.8
Silver, ug/l	0.02	10.0	---	U	0.10 J	---	U	04/26/11	CMF EPA200.8
Turbidity, NTU	1.0	1.0	9.6	500	500			04/19/11	MEL SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	104	170	37			04/18/11	RJH SM2510B
Temperature, °C			17	17	18			04/18/11	RJH SM2550B
Static Water Level, feet			14.89	12.53	36.64			04/18/11	RJH
Well Depth, feet			44.74	30.15	42.32			04/18/11	RJH
Water Bailed, Gals.			14.4	8.4	2.4			04/18/11	RJH

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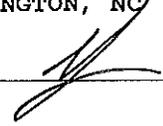
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LILLINGTON, NC 27546

CLIENT ID: 6041  
ANALYST: MAO  
DATE COLLECTED: 04/18/11  
DATE REPORTED: 05/05/11

Page: 1

REVIEWED BY: 

## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		04/25/11	04/18/11	04/18/11	04/18/11	04/18/11
	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2
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	--- U	--- U	0.50 J	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U				
6. 1,1-Dichloroethene	0.17	5.0	--- U				
7. Acetone	9.06	100.0	--- U	--- U	--- U	13.10 J	--- 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	--- U	--- U	1.30 J	--- U
13. Vinyl Acetate	0.20	50.0	--- U				
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	0.50 J	--- U
15. 2-Butanone	2.21	100.0	--- U				
16. Bromochloromethane	0.27	3.0	--- U				
17. Chloroform	0.25	5.0	--- U				
18. 1,1,1-Trichloroethane	0.19	1.0	--- U				
19. Carbon Tetrachloride	0.22	1.0	--- U				
20. Benzene	0.24	1.0	--- U	--- U	--- U	1.40	--- 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-Dichloropropane	0.24	1.0	--- U				
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U				
27. Toluene	0.23	1.0	--- U				
28. trans-1,3-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	--- U	--- U	1.20 J	--- U
35. 1,1,1,2-Tetrachloroethane	0.23	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	--- U	--- U	0.50 J	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U				
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U				
46. Acrylonitrile	2.72	200.0	--- U				
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U				

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

# Environment 1, Incorporated

Drinking Water ID: 37715

Wastewater ID: 10

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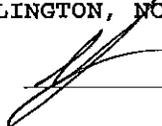
CLIENT ID: 6041

ANALYST: MAO

DATE COLLECTED: 04/18/11

Page: 2

DATE REPORTED: 05/05/11

REVIEWED BY: 

## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		04/25/11	04/18/11	04/18/11	04/18/11	04/18/11
	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	--- U	2.50	--- U

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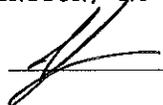
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Page: 3

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## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		04/25/11	04/25/11	04/25/11	04/25/11	04/25/11
	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Equipment Blank	Trip Blank
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	--- U
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

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

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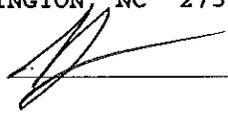
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GREENVILLE, N.C. 27835-7085

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

CLIENT: HARNETT CO. (ANDERSON CREEK)  
GENERAL SERVICES HARNETT CO.  
MR. JERRY BLANCHARD, MANAGER  
900 SOUTH 9TH STREET  
LILLINGTON, NC 27546

CLIENT ID: 6041  
ANALYST: MAO  
DATE COLLECTED: 04/18/11 Page: 4  
DATE REPORTED: 05/05/11

REVIEWED BY: 

## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		04/25/11	04/25/11	04/25/11	04/25/11	04/25/11
	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Equipment Blank	Trip Blank
48. Tetrahydrofuran	0.39	1.0	--- U	--- U	--- U	--- U	--- U

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

CHAIN OF CUSTODY RECORD

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

CLIENT: 6041 Week: 17

HARNETT CO. (ANDERSON CREEK)  
 GENERAL SERVICES HARNETT CO.  
 MR. JERRY BLANCHARD, MANAGER  
 900 SOUTH 9TH STREET  
 LILLINGTON NC 27546

(919) 233-0407

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	DISINFECTION			Field pH	Metals	Turbidity	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2	CHLORINE NEUTRALIZED AT COLLECTION	pH CHECK (LAB)	CONTAINER TYPE, P/G	CHEMICAL PRESERVATION
	DATE	TIME				CHLORINE	UV	NONE													
MW-1	04/18/11	1320	17	17	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
MW-2	04/18/11	1110	16	16	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
MW-4	04/18/11	1120	15	15	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
MW-5	04/18/11	1115	15	15	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
CDMW-2	04/18/11	1135	16	16	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
CDMW-3	04/18/11	1135	17	17	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
CDMW-5	04/18/11	1150	17	17	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
CDMW-6	04/18/11	1200	18	18	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
Equipment Blank	04/18/11				3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
Trip Blank	04/18/11				2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	COMMENTS:															
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY															
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY															
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	SAMPLER MUST BE MAINTAINED DURING SHIPMENT/DELIVERY															

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

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

# Environment 1, Incorporated

Drinking Water ID: 17715  
Wastewater ID: 10

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

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

ID#: 6041 A

HARNETT CO. (ANDERSON CREEK)  
GENERAL SERVICES HARNETT CO.  
MR. JERRY BLANCHARD, MANAGER  
900 SOUTH 9TH STREET  
LILLINGTON, NC 27546

DATE COLLECTED: 04/18/11  
DATE REPORTED : 04/27/11

REVIEWED BY: 

PARAMETERS	MDL	SW-1		SW-2		Analysis		Method
		SWSL				Date	Analyst	Code
PH (field measurement), Units			5.9	Missing	04/18/11	RJH	SM4500HB	
Arsenic, ug/l	0.10	10.0	0.20 J	Missing	04/26/11	CMF	EPA200.8	
Barium, ug/l	0.02	100.0	12.0 J	Missing	04/26/11	CMF	EPA200.8	
Cadmium, ug/l	0.02	1.0	--- U	Missing	04/26/11	CMF	EPA200.8	
Total Chromium, ug/l	0.04	10.0	0.25 J	Missing	04/26/11	CMF	EPA200.8	
Lead, ug/l	0.02	10.0	0.20 J	Missing	04/26/11	CMF	EPA200.8	
Mercury, ug/l	0.05	0.20	--- U	Missing	04/26/11	CMF	EPA200.8	
Selenium, ug/l	0.20	10.0	--- U	Missing	04/26/11	CMF	EPA200.8	
Silver, ug/l	0.02	10.0	--- U	Missing	04/26/11	CMF	EPA200.8	
Turbidity, NTU	1.0	1.0	5.7	Missing	04/19/11	MEL	SM2130B	
Conductivity (at 25c), uMhoa	1.0	1.0	35	Missing	04/18/11	RJH	SM2510B	
Temperature, °C			16	Missing	04/18/11	RJH	SM2550B	

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

# Environment 1, Incorporated

Drinking Water ID: 37715  
Wastewater ID: 10

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

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

CLIENT: HARNETT CO. (ANDERSON CREEK)  
GENERAL SERVICES HARNETT CO.  
MR. JERRY BLANCHARD, MANAGER  
900 SOUTH 9TH STREET  
LILLINGTON, NC 27546

CLIENT ID: 6041 A

ANALYST: MAO  
DATE COLLECTED: 04/18/11  
DATE ANALYZED: 04/25/11  
DATE REPORTED: 04/27/11

Page: 1

REVIEWED BY: 

VOLATILE ORGANICS  
EPA METHOD 8260B

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

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

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

CHAIN OF CUSTODY RECORD

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

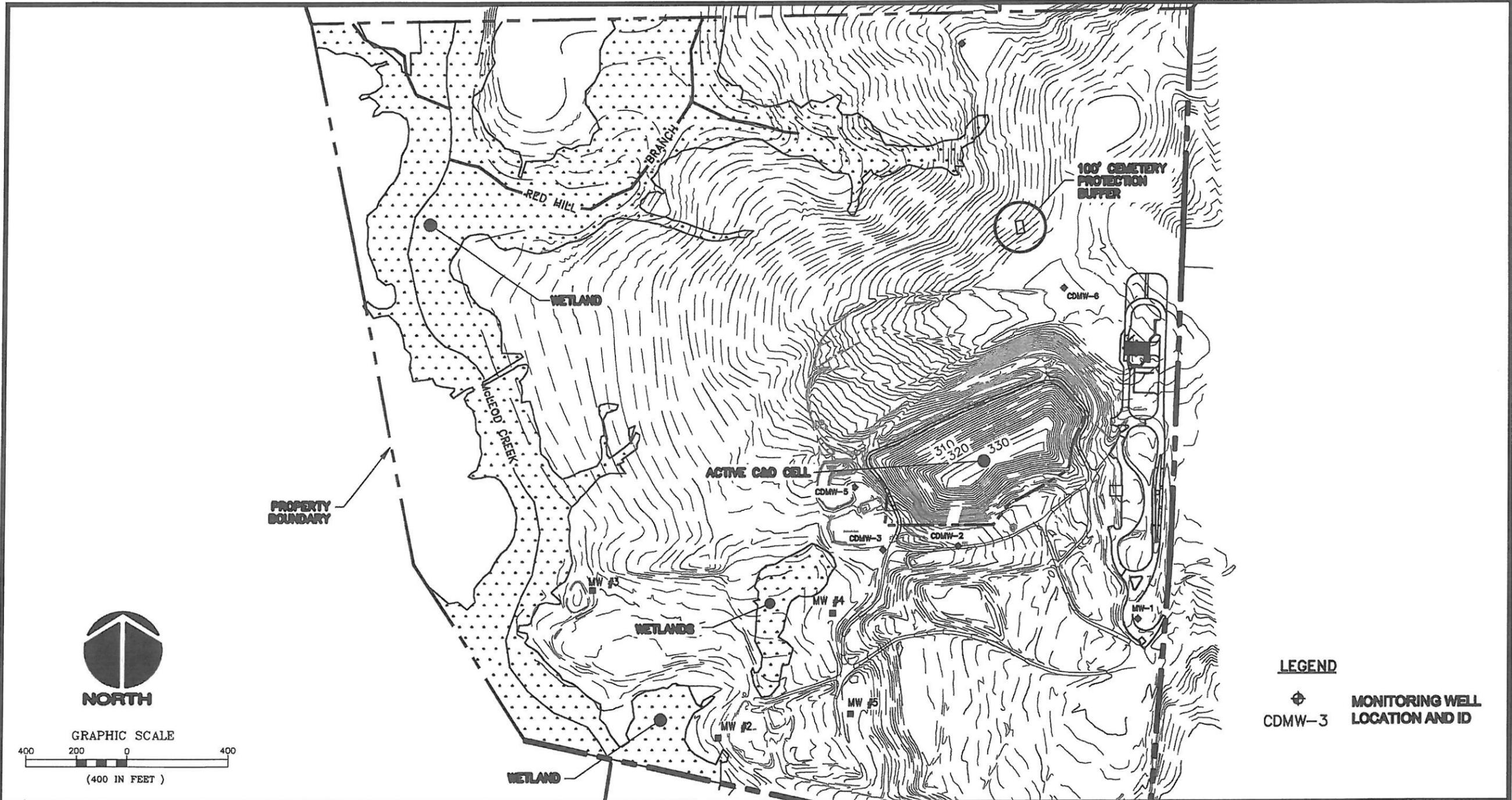
CLIENT: 6041 A Week: 17

HARNETT CO. (ANDERSON CREEK)  
 GENERAL SERVICES HARNETT CO.  
 MR. JERRY BLANCHARD, MANAGER  
 900 SOUTH 9TH STREET  
 LILLINGTON NC 27546

(919) 233-0407

SAMPLE LOCATION	COLLECTION		TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	DISINFECTION		# OF CONTAINERS	Field pH	Metals	Turbidity	Conductivity	Temperature	EPA 8260B	8260 Dup. 1	CHLORINE NEUTRALIZED AT COLLECTION	pH CHECK (LAB)	CONTAINER TYPE PIG	CHEMICAL PRESERVATION
	DATE	TIME		CHLORINE	UV												
SW-1	04/18/11	1445	12	<input type="checkbox"/>	NONE	5	A	A	A	A	A	E	E				
<del>SW-2</del>						5	A	A	A	A	A	E	E				
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
<i>Bob Hester</i>	04/18/11	<i>[Signature]</i>	4/18/20	<i>[Signature]</i>													
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
COMMENTS:														CLASSIFICATION:			
SW-2 Dry														<input type="checkbox"/> WASTEWATER (NPDES) <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> DWO/GW <input checked="" type="checkbox"/> SOLID WASTE SECTION			
SAMPLER MUST PLACE A "C" FOR COMPOSITE SAMPLE OR A "G" FOR GRAB SAMPLE IN THE BLOCKS ABOVE FOR EACH PARAMETER REQUESTED.														CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY SAMPLES COLLECTED BY: <i>[Signature]</i> (Please Print) <i>[Signature]</i> SAMPLES RECEIVED IN LAB AT <i>02</i> °C			

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



**LEGEND**  
 **MONITORING WELL LOCATION AND ID**  
 CDMW-3

 **CLAYTON Engineering**  
 dba C.T. Clayton, Sr. PE, Inc.  
 Civil and Environmental  
 PO Box 578 • Coats, North Carolina 27521  
 Phone 910-897-7070 • Fax 910-897-8767  
 License No. C-2570 • www.ctclayton.com  
 email: tyrus@ctclayton.com

**ANDERSON CREEK  
 LANDFILL  
 LANDFILL LAYOUT**

HARNETT COUNTY NORTH CAROLINA

PROJECT # : 3002  
 PROJ. ENG. : RS  
 DRAWN BY : SBK  
 FIELD BK. : -  
 CAD FILE : ACLF Proposed Cell Exhibit.DWG  
 SCALE : 1" = 400'  
 DATE : 21 OCTOBER 2010  
 SHEET # : 1