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).
- 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):

C.T. Clayton, Sr., P.E., Inc.

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

Name: Tyrus Clayton, Jr., P.E. 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	SR 1164 Lillington, NC	43-03	.0500	10-22-07

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.

Tyrus Clayton, Jr., P.E. — Facility Representative Name (Print)

Consultant — Title

(910) 897-7070 — (Area Code) Telephone Number

Signature

February 18, 2008 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 026500 ENGINEER C. TYRUS CLAYTON, JR.

Revised 01/2007

Digitally signed by C. Tyrus Clayton, Jr., PE
DN: cn=C. Tyrus Clayton, Jr., PE, o=C. T. Clayton, Sr., PE, Inc., ou, email=tyrus@ctclayton.com, c=US
Date: 2008.02.18 09:18:31 -05'00'

Clayton, Sr., P.E., Inc.
Civil & Environmental Engineering

February 15, 2008

Mr. Ethan Brown
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, OCTOBER 2007

Dear Mr. Brown:

Please find the attached summary table (Table 1) of results from the October 2007 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. The new reporting procedures also include results defined as ***estimated values*** when the values are exceeding MDL but lesser than SWSL (MDL < result < SWSL). Only values exceeding the SWSL are presented as detections, except for additional detection reporting of any ***estimated value*** that exceeds a 2L North Carolina Groundwater Standards (NCGS) or a 13B Groundwater Protection Standard, respectively. 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 October 2007 sampling event, barium was detected in MW-2, MW-5, and CDMW-5; and benzene was detected in MW-5. Benzene in MW-5 exceeded NCGS. In addition, vinyl chloride was reported as an estimated value in MW4 which exceeded NCGS.

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

Sincerely,

C.T. CLAYTON, SR., P.E., INC.

Tyrus Clayton, Jr., PE

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

/attachments

P.O. Box 578
46 W. Washington Street
Coats, NC 27521
Phone: 910-897-7070
Fax: 910-897-6767

Offices located in Coats and New Bern, North Carolina

Table 1
Groundwater Monitoring Well Data
Results for October 2007
Anderson Creek
Harnett County, North Carolina

CONSTITUENT	RESULTS - OCT 2007 SAMPLING EVENT											NCGS*
SAMPLE SITE	MW1	MW2	MW4	MW5	CDMW1	CDMW2	CDMW3	CDMW5	CDMW6	SWPT1	SWPT2	
INORGANICS (mg/l)												(mg/l)
Arsenic											NA	0.05
Barium		0.316		0.224				0.115			NA	2
Cadmium											NA	0.00175
Chromium											NA	0.05
Lead											NA	0.015
Mercury											NA	0.00105
Selenium											NA	0.05
Silver											NA	0.0175
ORGANICS (ug/l)												(ug/l)
Acetone											NA	700
Benzene				*1.9*							NA	1
Chloroethane											NA	2800
cis-1,2-Dichloroethene											NA	70
Dichlorodifluoromethane											NA	1400
Methylene chloride											NA	4.6
1,1-Dichloroethane											NA	70
Vinyl Chloride			1.2								NA	0.015

NOTES

- indicates concentrations exceeding NCGS*
"NE" - not established
"NA" - not applicable
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 *italics*.
*NCGS is the 2L NC Groundwater Standard, unless noted above as a 13B Groundwater Protection Standard **.
SWPT-2 missing for this event.

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: 10/22/07
DATE REPORTED : 11/05/07

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.2	5.6	6.1	5.8	5.8	10/22/07	RJH	SM4500HB
Arsenic, ug/l	0.47	10.0	1.8 J	--- U	6.3 J	3.6 J	1.0 J	10/30/07	CMF	EPA200.8
Barium, ug/l	0.04	100.0	17.2 J	316	68.2 J	224	57.3 J	10/30/07	CMF	EPA200.8
Cadmium, ug/l	0.06	1.0	0.1 J	0.1 J	0.1 J	0.1 J	0.2 J	10/30/07	CMF	EPA200.8
Total Chromium, ug/l	0.24	10.0	--- U	1.5 J	0.5 J	0.4 J	1.1 J	10/30/07	CMF	EPA200.8
Lead, ug/l	0.07	10.0	0.2 J	2.2 J	0.8 J	0.2 J	3.5 J	10/30/07	CMF	EPA200.8
Mercury, ug/l	0.04	0.20	--- U	0.04 J	--- U	0.05 J	--- U	10/30/07	CMF	EPA200.8
Selenium, ug/l	0.35	10.0	--- U	0.9 J	--- U	7.4 J	--- U	10/30/07	CMF	EPA200.8
Silver, ug/l	0.52	10.0	--- U	--- U	--- U	--- U	--- U	10/30/07	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	4.5	160	700	160	80	10/22/07	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	53	245	341	1508	94	10/22/07	RJH	SM2510B
Temperature, °C			21	18	21	21	17	10/22/07	RJH	SM2550B
Static Water Level, feet			15.00	13.99	8.39	9.56	5.97	10/22/07	RJH	
Well Depth, feet			21.20	26.00	20.25	22.20	41.28	10/22/07	RJH	
Water Bailed, Gals.			3.0	6.0	5.4	6.0	17.4	10/22/07	RJH	

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

Environment 1, Incorporated

Drinking Water ID: 37775
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: 10/22/07
DATE REPORTED : 11/05/07

REVIEWED BY:

PARAMETERS	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Equipment Blank	Trip Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.3	4.9	5.6			10/22/07	RJH	SM4500HB
Arsenic, ug/l	0.47	10.0	--- U	0.5 J	6.9 J	--- U		10/30/07	CMF	EPA200.8
Barium, ug/l	0.04	100.0	91.3 J	115	12.7 J	0.1 J		10/30/07	CMF	EPA200.8
Cadmium, ug/l	0.06	1.0	0.1 J	0.1 J	0.3 J	--- U		10/30/07	CMF	EPA200.8
Total Chromium, ug/l	0.24	10.0	0.8 J	1.0 J	8.4 J	--- U		10/30/07	CMF	EPA200.8
Lead, ug/l	0.07	10.0	0.8 J	2.3 J	5.3 J	--- U		10/30/07	CMF	EPA200.8
Mercury, ug/l	0.04	0.20	--- U	--- U	0.05 J	--- U		10/30/07	CMF	EPA200.8
Selenium, ug/l	0.35	10.0	--- U	--- U	0.8 J	--- U		10/30/07	CMF	EPA200.8
Silver, ug/l	0.52	10.0	--- U	--- U	--- U	--- U		10/30/07	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	221	95	320			10/22/07	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	133	190	34			10/22/07	RJH	SM2510B
Temperature, °C			17	19	18			10/22/07	RJH	SM2550B
Static Water Level, feet			13.82	2.41	35.90			10/22/07	RJH	
Well Depth, feet			44.74	30.15	42.32			10/22/07	RJH	
Water Bailed, Gals.			14.7	12.9	3.0			10/22/07	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

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: 10/22/07
DATE REPORTED: 11/05/07

Page: 1

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	10/29/07 MW-1	10/29/07 MW-2	10/29/07 MW-4	10/29/07 MW-5	10/29/07 CDMW-2
	Date Analyzed:						
1. Chloromethane	0.18	1.0	0.60 J	0.50 J	0.50 J	0.40 J	0.40 J
2. Vinyl Chloride	0.34	1.0	--- U	--- U	1.20	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	2.40 J	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	1.40 J	--- U	2.50 J	7.20 J	--- U
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	--- U	--- U	--- U	0.30 J	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	0.20 J	--- U	4.60 J	--- U
13. Vinyl Acetate	0.20	5.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	0.90 J	0.90 J	--- U
15. 2-Butanone	0.85	100.0	--- U	--- U	--- U	1.30 J	--- U
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	0.40 J	1.90	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	--- U	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	0.20 J	1.30 J	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	--- U	0.30 J	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	0.60 J	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- U	--- 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: 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: 10/22/07
DATE REPORTED: 11/05/07

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	10/29/07 CDMW-3	10/29/07 CDMW-5	10/29/07 CDMW-6	10/30/07 Equipment Blank	10/30/07 Trip Blank
	Date Analyzed:						
1. Chloromethane	0.18	1.0	0.40 J	0.30 J	0.30 J	--- U	--- U
2. Vinyl Chloride	0.34	1.0	--- U	--- U	--- U	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	--- U	--- U	--- U	1.30 J	--- U
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	--- U	--- U	--- U	0.20 J	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	5.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
15. 2-Butanone	0.85	100.0	--- U	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	--- U	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- 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

CHAIN OF CUSTODY RECORD

CLIENT: 6041 **Week: 42**

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

(919) 233-0407

DISINFECTION: ☐ CHLORINE ☐ UV ☐ NONE ☐ _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Turbidity	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2
CHLORINE NEUTRALIZED AT COLLECTION														
pH CHECK (LAB)							<2					<2	<2	<2
CONTAINER TYPE, P/G						P	P	P	P	P		G	G	G
CHEMICAL PRESERVATION						A	A	A	A	A		E	E	E
MW-1	10/22/07	1155		21	6	G	G	G	G	G	G	G	G	G
MW-2	10/22/07	1135		18	5	G	G	G	G	G	G	G	G	
MW-4	10/22/07	1125		21	5	G	G	G	G	G	G	G	G	
MW-5	10/22/07	1130		21	5	G	G	G	G	G	G	G	G	
CDMW-2	10/22/07	1148		17	5	G	G	G	G	G	G	G	G	
CDMW-3	10/22/07	1120		17	5	G	G	G	G	G	G	G	G	
CDMW-5	10/22/07	1115		19	5	G	G	G	G	G	G	G	G	
CDMW-6	10/22/07	1125		18	5	G	G	G	G	G	G	G	G	
Equipment Blank	10/22/07				3		G					G	G	
Trip Blank					2							G	G	

PARAMETERS

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 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 Pace / Fox

SAMPLES RECEIVED IN LAB AT 3.4 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob H Pace	10/22/07 2:45	[signature]	10/22/07 2:45
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

Instructions for completing this form are 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

№ 157296

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: I0

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: 10/22/07
DATE REPORTED : 11/05/07

REVIEWED BY:

PARAMETERS	MDL	SWSL	SW-1	SW-2	Analysis Date	Analyst	Method Code
PH (field measurement), Units			7.3	Missing	10/22/07	RJH	SM4500HB
Arsenic, ug/l	0.47	10.0	--- U	Missing	10/30/07	CMF	EPA200.8
Barium, ug/l	0.04	100.0	9.6 J	Missing	10/30/07	CMF	EPA200.8
Cadmium, ug/l	0.06	1.0	--- U	Missing	10/30/07	CMF	EPA200.8
Total Chromium, ug/l	0.24	10.0	0.5 J	Missing	10/30/07	CMF	EPA200.8
Lead, ug/l	0.07	10.0	0.6 J	Missing	10/30/07	CMF	EPA200.8
Mercury, ug/l	0.04	0.20	--- U	Missing	10/30/07	CMF	EPA200.8
Selenium, ug/l	0.35	10.0	--- U	Missing	10/30/07	CMF	EPA200.8
Silver, ug/l	0.52	10.0	--- U	Missing	10/30/07	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	7.7	Missing	10/22/07	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	32	Missing	10/22/07	RJH	SM2510B
Temperature, °C			17	Missing	10/22/07	RJH	SM2550B
8260 (duplicate)				Missing	/ /		

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: 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: 10/22/07
DATE ANALYZED: 10/30/07
DATE REPORTED: 11/05/07

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	SW-1
1. Chloromethane	0.18	1.0	0.60 J
2. Vinyl Chloride	0.34	1.0	--- U
3. Bromomethane	0.26	10.0	--- U
4. Chloroethane	0.29	10.0	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U
7. Acetone	1.21	100.0	1.50 J
8. Iodomethane	0.12	10.0	--- U
9. Carbon Disulfide	0.14	100.0	--- U
10. Methylene Chloride	0.14	1.0	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U
13. Vinyl Acetate	0.20	5.0	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U
15. 2-Butanone	0.85	100.0	--- U
16. Bromochloromethane	0.11	3.0	--- U
17. Chloroform	0.13	5.0	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U
20. Benzene	0.16	1.0	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U
22. Trichloroethene	0.13	1.0	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U
24. Bromodichloromethane	0.13	1.0	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U
27. Toluene	0.13	1.0	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U
30. Tetrachloroethene	0.16	1.0	--- U
31. 2-Hexanone	1.00	50.0	--- U
32. Dibromochloromethane	0.14	3.0	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U
34. Chlorobenzene	0.13	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U
36. Ethylbenzene	0.16	1.0	--- U
37. Xylenes	0.48	5.0	--- U
38. Dibromomethane	0.17	10.0	--- U
39. Styrene	0.16	1.0	--- U
40. Bromoform	0.11	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U
46. Acrylonitrile	1.49	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- 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: 6041 A **Week: 42**

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

(919) 233-0407

DISINFECTION: ☐ CHLORINE ☐ UV ☐ NONE ☐ _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Turbidity	Conductivity	Temperature	EPA 8260B	8260 Dup. 1
CHLORINE NEUTRALIZED AT COLLECTION												
pH CHECK (LAB)												
CONTAINER TYPE, P/G						P	P	P	P	P	G	G
CHEMICAL PRESERVATION						A	A	A	A	A	E	E
SW-1	10/22/07	1050		17	5	G	G	G	G	G	G	G
~~SW-2~~					5							

PARAMETERS

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) N Lane / Fat

SAMPLES RECEIVED IN LAB AT 3.4 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
BB N Lane	10/22/07 2:45	Jonathan Ladd	10/22/07 2:45
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

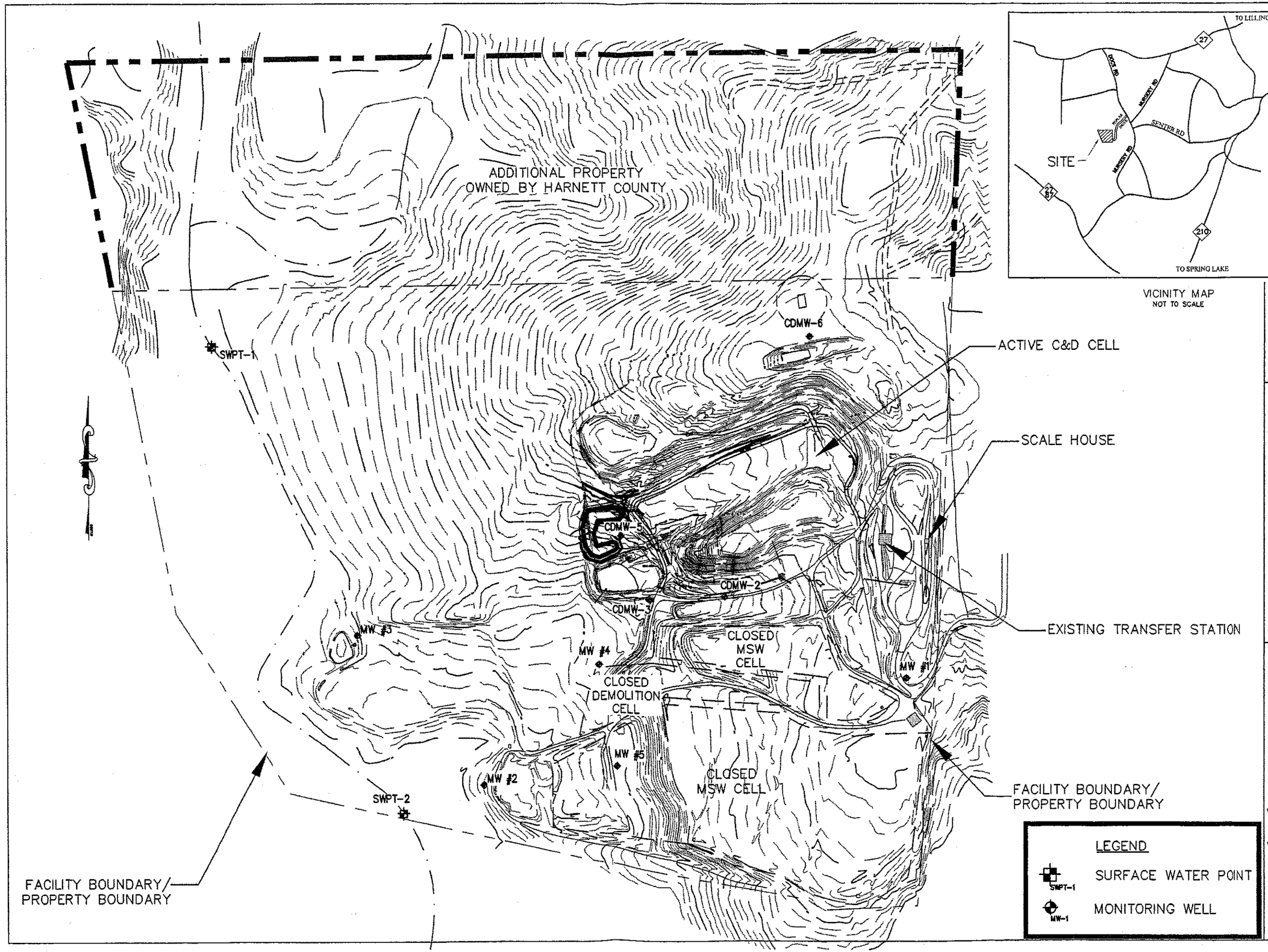
COMMENTS: SW2 missing (DRY)

Instructions for completing this form are 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

№ 157295



OVERALL SITE EXHIBIT
of
ANDERSON CREEK LANDFILL
HARNETT COUNTY NORTH CAROLINA

PROJECT # : DCC3001
PROJ. ENG.: CTC
DRAWN BY : jwl
FIELD BK. : -
CAD FILE : 2108-01MAS.dwg
SCALE : 1" = 350'
DATE : JANUARY 24, 2006
SHEET # : 1 OF 1
Email: tyrus@ctclayton.com

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