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

March 11, 2009

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 2008

Dear Mr. Brown:

Please find the attached summary table (Table 1) of results from the October 2008 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) 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 October 2008 sampling event, barium was detected in MW-2, MW-5, CDMW-2, CDMW-3, and CDMW-5. Arsenic was detected in MW-4 and cadmium was detected in SWPT-2. For organics, toluene was detected at SWPT-2, benzene exceeded NCGS in MW-5, and an estimated value for vinyl chloride exceeded the NCGS in MW-4.

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. Tyrus Clayton, Jr., PE

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

/attachments

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

Offices located in Coats and New Bern, North Carolina
www.ctclayton.com

Table 1
Groundwater Monitoring Well Data
Results for October 2008
Anderson Creek
Harnett County, North Carolina

CONSTITUENT	RESULTS - OCTOBER 2008 SAMPLING EVENT											NCGS*
SAMPLE SITE	MW1	MW2	MW4	MW5	CDMW1	CDMW2	CDMW3	CDMW5	CDMW6	SWPT1	SWPT2	
INORGANICS (mg/l)												(mg/l)
Arsenic			0.01		NA							0.05
Barium		0.343		0.561	NA	0.109	0.100	0.553				2
Cadmium					NA						0.001	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)					NA							(ug/l)
Acetone					NA							700
Benzene				2.1	NA							1
Chloroethane					NA							2800
cis-1,2-Dichloroethene					NA							70
Dichlorodifluoromethane					NA							1400
Methylene chloride					NA							4.6
1,1-Dichloroethane					NA							70
Toluene					NA						12.9	1000
Vinyl Chloride			*0.5*		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 **.

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 - Consultant

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

Name: Tyrus Clayton, Sr. 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)
Harnett County - Anderson Creek Construction and Demolition (C&D) Landfill	Barbecue Township, Lillington, Harnett County, North Carolina 1164 Poplar Dr. Spring Lake, NC 28390	43-04	.0500	October 14, 2008

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., PE — Facility Representative Name (Print)

Title

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

Signature: C. Tyrus Clayton Jr.

Date: 3/12/09

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 028909 ENGINEER C. TYRUS CLAYTON, JR.

Revised 01/2007

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: 10/14/08
DATE REPORTED : 10/31/08

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.1	5.5	6.0	5.8	5.5	10/14/08	RJH	SM4500HB
Arsenic, ug/l	0.07	10.0	3.3 J	0.8 J	10		1.5 J	10/21/08	LFJ	EPA200.8
Arsenic, ug/l	0.07	10.0				5.2 J		10/23/08	CMF	EPA200.8
Barium, ug/l	0.11	100.0	15.8 J	343	86.6 J		109	10/21/08	LFJ	EPA200.8
Barium, ug/l	0.11	100.0				561		10/23/08	CMF	EPA200.8
Cadmium, ug/l	0.04	1.0	0.2 J	0.4 J	0.1 J		0.2 J	10/21/08	LFJ	EPA200.8
Cadmium, ug/l	0.04	1.0				0.2 J		10/23/08	CMF	EPA200.8
Total Chromium, ug/l	0.11	10.0	0.8 J	2.3 J	2.4 J		1.7 J	10/21/08	LFJ	EPA200.8
Total Chromium, ug/l	0.11	10.0				6.7 J		10/23/08	CMF	EPA200.8
Lead, ug/l	0.04	10.0	1.0 J	3.1 J	3.2 J		4.9 J	10/21/08	LFJ	EPA200.8
Lead, ug/l	0.04	10.0				9.7 J		10/23/08	CMF	EPA200.8
Mercury, ug/l	0.01	0.20	0.02 J	0.04 J	--- U		0.01 J	10/28/08	LFJ	EPA200.8
Mercury, ug/l	0.01	0.20				0.06 J		10/23/08	CMF	EPA200.8
Selenium, ug/l	0.14	10.0	0.6 J	1.2 J	0.4 J		0.2 J	10/21/08	LFJ	EPA200.8
Selenium, ug/l	0.14	10.0				7.8 J		10/23/08	CMF	EPA200.8
Silver, ug/l	0.04	10.0	--- U	--- U	--- U		0.1 J	10/21/08	LFJ	EPA200.8
Silver, ug/l	0.04	10.0				0.1 J		10/23/08	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	60	210	80	290	110	10/14/08	MJN	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	70	247	198	1485	79	10/14/08	RJH	SM2510B
Temperature, °C			21	18	20	20	17	10/14/08	RJH	SM2550B
Static Water Level, feet			13.18	11.75	6.00	9.08	5.15	10/14/08	RJH	
Well Depth, feet			21.20	26.00	20.25	22.20	41.28	10/14/08	RJH	
Water Bailed, Gals.			3.9	6.9	6.9	6.3	17.7	10/14/08	RJH	

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

Environment 1, Incorporated

Drinking Water ID: 37716
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: 10/14/08
DATE REPORTED : 10/31/08

REVIEWED BY:

PARAMETERS	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Trip Blank	Equipment Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units			4.6	4.5	4.8			10/14/08	RJH	SM4500HB
Arsenic, ug/l	0.07	10.0	0.3 J	0.9 J	4.3 J			10/21/08	LFJ	EPA200.8
Arsenic, ug/l	0.07	10.0					0.1 J	10/23/08	CMF	EPA200.8
Barium, ug/l	0.11	100.0	100	553	14.3 J			10/21/08	LFJ	EPA200.8
Barium, ug/l	0.11	100.0					0.3 J	10/23/08	CMF	EPA200.8
Cadmium, ug/l	0.04	1.0	0.1 J	0.1 J	0.3 J			10/21/08	LFJ	EPA200.8
Cadmium, ug/l	0.04	1.0					--- U	10/23/08	CMF	EPA200.8
Total Chromium, ug/l	0.11	10.0	1.7 J	4 J	6.8 J			10/21/08	LFJ	EPA200.8
Total Chromium, ug/l	0.11	10.0					--- U	10/23/08	CMF	EPA200.8
Lead, ug/l	0.04	10.0	1.6 J	6.9 J	4.2 J			10/21/08	LFJ	EPA200.8
Lead, ug/l	0.04	10.0					0.1 J	10/23/08	CMF	EPA200.8
Mercury, ug/l	0.01	0.20	--- U	--- U	--- U			10/28/08	LFJ	EPA200.8
Mercury, ug/l	0.01	0.20					0.04 J	10/23/08	CMF	EPA200.8
Selenium, ug/l	0.14	10.0	--- U	0.4 J	0.5 J			10/21/08	LFJ	EPA200.8
Selenium, ug/l	0.14	10.0					--- U	10/23/08	CMF	EPA200.8
Silver, ug/l	0.04	10.0	--- U	--- U	0.1 J			10/21/08	LFJ	EPA200.8
Silver, ug/l	0.04	10.0					0.1 J	10/23/08	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	40	290	400			10/14/08	MJN	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	123	183	30			10/14/08	RJH	SM2510B
Temperature, °C			17	19	18			10/14/08	RJH	SM2550B
Static Water Level, feet			12.48	2.74	34.68			10/14/08	RJH	
Well Depth, feet			44.74	30.15	42.32			10/14/08	RJH	
Water Bailed, Gals.			15.9	12.9	3.6			10/14/08	RJH	

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

Environment 1, Incorporated

Drinking Water ID: 37735
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

REVIEWED BY:

CLIENT ID: 6041

ANALYST: MAO
DATE COLLECTED: 10/14/08
DATE ANALYZED: 10/27/08
DATE REPORTED: 10/31/08

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	MW-1	MW-2	MW-4	MW-5	CDMW-2
1. Chloromethane	0.18	1.0	--- U	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.34	1.0	--- U	--- U	0.50 J	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	2.30 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	2.20 J	1.40 J	1.70 J	2.20 J	1.40 J
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	0.20 J	--- 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	4.30 J	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	0.20 J	0.90 J	--- 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	2.10	--- 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	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	--- 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	0.50 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: 37718
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

REVIEWED BY: _____

CLIENT ID: 6041

ANALYST: MAO
DATE COLLECTED: 10/14/08
DATE ANALYZED: 10/27/08
DATE REPORTED: 10/31/08

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	CDMW-3	CDMW-5	CDMW-6	Trip Blank	Equipment Blank
1. Chloromethane	0.18	1.0	--- U	--- U	--- U	--- U	0.30 J
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	1.30 J	1.40 J	2.80 J
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	50.0	--- 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 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 **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
							2					2	2	2
						P	P	P	P	P		G	G	G
						A	A	A	A	A		E	E	E
MW-1	10 1408	1125		21	6	G	G	G	G	G	G	G	G	G
MW-2	10 1408	0940		18	5	G	G	G	G	G	G	G	G	
MW-4	10 1408	1015		20	5	G	G	G	G	G	G	G	G	
MW-5	10 1408	1000		20	5	G	G	G	G	G	G	G	G	
CDMW-2	10 1408	1055		17	5	G	G	G	G	G	G	G	G	
CDMW-3	10 1408	1100		17	5	G	G	G	G	G	G	G	G	
CDMW-5	10 1408	0925		19	5	G	G	G	G	G	G	G	G	
CDMW-6	10 1408	1110		18	5	G	G	G	G	G	G	G	G	
Trip Blank					2								G	
Equipment Blank	10 1408				3		G					G	G	

PARAMETERS

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE, P/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
- [X] SOLID WASTE SECTION

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY
Y N

SAMPLES COLLECTED BY: (Please Print) H Igoe / Fox

SAMPLES RECEIVED IN LAB AT 0.9 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob H Igoe	10 1408 2:21	B Jefferson	10/14 2:21
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.

№ 168104

Environment 1, Incorporated

Drinking Water ID: 37713
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: 10/14/08
DATE REPORTED : 10/31/08

REVIEWED BY:

PARAMETERS	MDL	SWSL	SW-1	SW-2	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.4	5.6	10/14/08	RJH	SM4500HB
Arsenic, ug/l	0.07	10.0	0.6 J	0.3 J	10/23/08	CMF	EPA200.8
Barium, ug/l	0.11	100.0	11.3 J	35.6 J	10/23/08	CMF	EPA200.8
Cadmium, ug/l	0.04	1.0	0.1 J	1	10/23/08	CMF	EPA200.8
Total Chromium, ug/l	0.11	10.0	2.1 J	0.8 J	10/23/08	CMF	EPA200.8
Lead, ug/l	0.04	10.0	1.1 J	1.2 J	10/23/08	CMF	EPA200.8
Mercury, ug/l	0.01	0.20	0.04 J	0.05 J	10/23/08	CMF	EPA200.8
Selenium, ug/l	0.14	10.0	--- U	0.2 J	10/23/08	CMF	EPA200.8
Silver, ug/l	0.04	10.0	0.1 J	--- U	10/23/08	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	23	8.2	10/14/08	MJN	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	30	70	10/14/08	RJH	SM2510B
Temperature, °C			16	16	10/14/08	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: 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: 10/14/08
DATE REPORTED: 10/31/08

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed: MDL	SWSL	10/24/08 SW-1	10/27/08 SW-2
1. Chloromethane	0.18	1.0	--- U	--- U
2. Vinyl Chloride	0.34	1.0	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U
7. Acetone	1.21	100.0	1.50 J	2.80 J
8. Iodomethane	0.12	10.0	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U
10. Methylene Chloride	0.14	1.0	--- U	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U
15. 2-Butanone	0.85	100.0	--- U	0.90 J
16. Bromochloromethane	0.11	3.0	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U
27. Toluene	0.13	1.0	--- U	12.90
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U
37. Xylenes	0.48	5.0	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- 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: 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
- [ ] _____

																					CHLORINE NEUTRALIZED AT COLLECTION
							L2				L2	L2									pH CHECK (LAB)
						P	P	P	P	P	G	G									CONTAINER TYPE, P/G
						A	A	A	A	A	E	E									CHEMICAL PRESERVATION
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									PARAMETERS
SW-1	10 14 08	1030		16	5	G	G	G	G	G	G	G									
SW-2	10 14 08	0950		16	5	G	G	G	G	G	G	G									

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
- [X] SOLID WASTE SECTION

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

SAMPLES COLLECTED BY: (Please Print) H Sage / Fox

SAMPLES RECEIVED IN LAB AT 0.9 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob H Sage	10 14 08 2:21	B [signature]	10/14 2:21
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

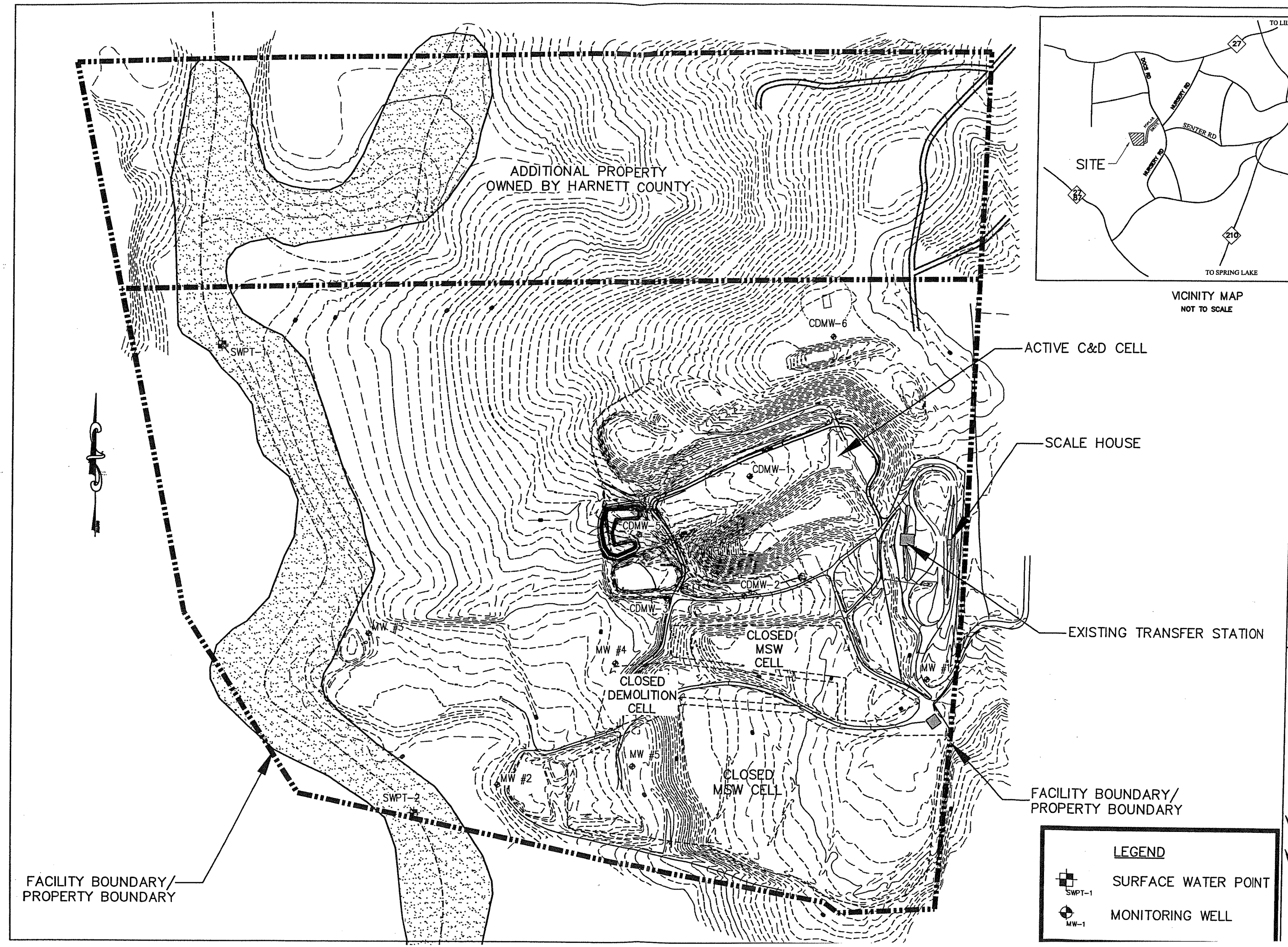
COMMENTS:

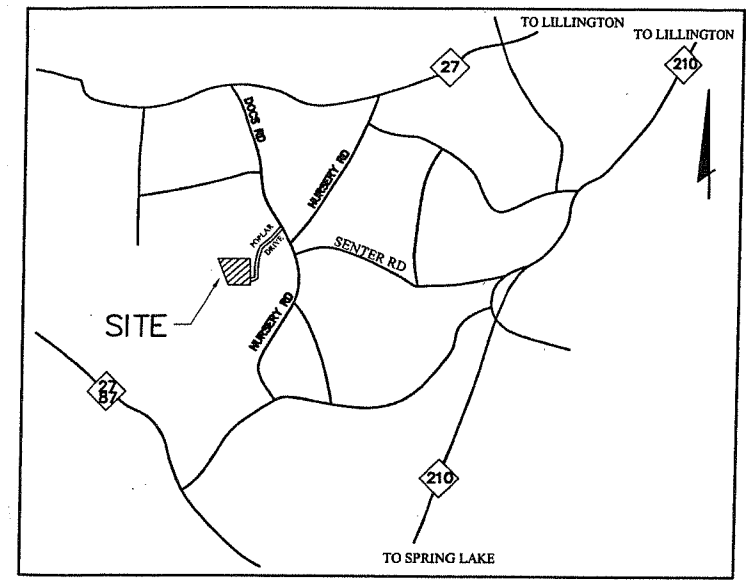
Instructions for completing this form are on the reverse side.

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

№ 168103

FORM #5





VICINITY MAP
NOT TO SCALE

PROJECT # : 0003001
PROJ. ENG.: CTC
DRAWN BY : JM
FIELD BK. : .
CAD FILE : 2108-01MAS.dwg
SCALE : 1" = 350'
DATE : JANUARY 24, 2006
SHEET # : 1 OF 1
Email: tyrus@ctclayton.com

OVERALL SITE EXHIBIT of ANDERSON CREEK LANDFILL

HARNETT COUNTY NORTH CAROLINA

Clayton, Sr., P.E., Inc.
C.T. Clayton, Sr., Professional Engineer
POST OFFICE BOX 12794
NEW BERN, NORTH CAROLINA 28561
PHONE: 252 672-0004 FAX: 252 672-8577
MOBILE: 252 671-6979 (C.T.) Email: [illegible]
3100 NC HWY 27 EAST
COATS, NORTH CAROLINA 27521
PHONE 910-897-7070 FAX: 910 897-6767
MOBILE: 919 795-5302 (Tyrus) Email: tyrus@ctclayton.com