OPERATION/CONSTRUCTION MANAGERS

Municipal Services

CIVIL/SANITARY ENGINEERS

Engineering Company, P.A.

August 10, 2010

Mr. Zinith Barbee
Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Monitored Natural Attenuation Semi-Annual Sampling Report
Greene County Landfill
Waltonburg, NC 27888

Permit No. 40-02
MESCO Project No. G07061.0

Dear Mr. Barbee:

The Greene County Closed Unlined Municipal Solid Waste Landfill (MSWLF) and Active Construction and Demolition (C&D) Landfill located near Waltonburg NC, currently operating under permit #40-02, has commenced Monitored Natural Attenuation (MNA) monitoring in accordance with the Corrective Action Plan (CAP) approved February 2010. This event was performed on March 30, 2010 along with traditional semi-annual sampling.

Environment 1 reported groundwater samples, tested for MNA parameters, collected from 2 monitoring wells (MW-1R and MW-4). A facility map is provided on **Plate 1** illustrating monitoring well locations and general groundwater flow direction. **Plate 2** depicts the constituents of concern detected above 2L concentrations; based on laboratory results from the current sampling event. Sampling was conducted per the methodology listed in the approved CAP Groundwater and Surface Water Sampling and Analysis Plan.

Table 1 lists the wells with their required MNA sampling parameter results. In general the MNA parameters indicate reducing conditions. Appendix 1 metals and VOC laboratory results for the current sampling event are included. Further analysis will be conducted with future sampling events. As required by the Solid Waste Section an evaluation of MNA's effectiveness as a remedy will be presented in a Comprehensive MNA Evaluation Report after four sampling events are conducted.

The next semi-annual sampling event is scheduled for September 2010 and the lab results will be submitted upon completion. If you have any questions or comments regarding this sampling update, please contact us by phone at (919) 772-5393 or by email at mgerman@mesco.com.

Sincerely,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

Madeline German
Geoscientist

Enclosures
cc: Mr. David Jones, Greene County

Table 1: MNA Parameters at Monitoring Well Locations Summary

Parameters	Method	mdl*	Units	MW-1R	MW-4
				03/30/10	03/30/10
VFA – Acetic Acid	AM23G	70	ug/L	<70	83
VFA – Butyric Acid	AM23G	70	ug/L	<70	<70
VFA – Hexanoic Acid	AM23G	100	ug/L	<100	<100
VFA – i-Hexanoic Acid	AM23G	100	ug/L	<100	<100
VFA – i-Pentanoic Acid	AM23G	70	ug/L	<70	<70
VFA – Lactic Acid	AM23G	100	ug/L	<100	<100
VFA – Pentaonic Acid	AM23G	70	ug/L	<70	<70
VFA – Propionic Acid	AM23G	70	ug/L	<70	<70
VFA – Pyruvic Acid	AM23G	70	ug/L	<70	<70
Hydrogen	AM20GAX	0.6	nM	0.87	0.88
Methane	AM20GAX	0.015	ug/L	7.4	8500
Ethene	AM20GAX	0.01	ug/L	<0.010	0.15
Ethane	AM20GAX	0.01	ug/L	<0.010	<0.010
CO2-Dissolved	SM4500CO2C	1	mg/L	79	655
Alkalinity	SM 2320B	1000	ug/L	200000	10000
Sulfate	SM426C	5000	ug/L	12200	11600
Sulfide	SM4500-S2D	100	ug/L	<100	989
Chloride	SM 4500-CLB	5000	ug/L	149000	7000
TOC	SM 5310C	150	ug/L	<150	11170
COD	HACH8000	10000	ug/L	19000	45000
BOD	SM5210B	2000	ug/L	<2000	13000
Iron	SM3111B	13.8	ug/L	65775	495
Nitrate	EPA 353.2	30	ug/L	2760	40
Temperature	SM2550B	0	Degrees C	13.22	14.78
ORP	SM2580B	-900	mV	252	-30.2
DO	SM4500OG	0	mg/L	1.66	0.57
pH	SM4500HB	0	Standard Units	4.72	5.85
Specific Conductance	SM2510B	1	umhos	578	393
Turbidity	SM2130B	1	NTU	5.26	13.10

Notes:

VFA = Volatile Fatty Acids

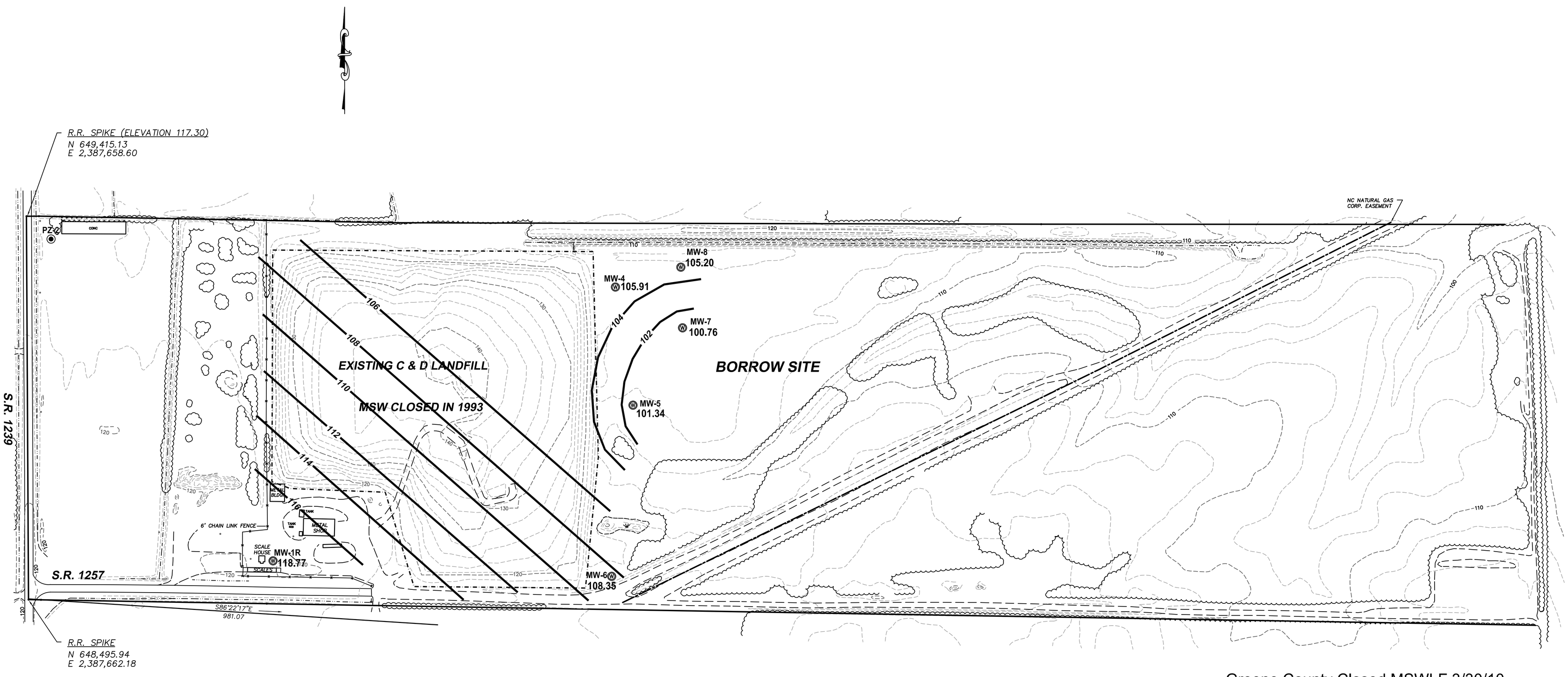
mdl* = Lowest Method Detection Limit for Lab Parameters or Lowest Field Measurement Possible

LEGEND

- EXISTING DIVERSION DITCH
- 120 EXISTING CONTOURS
- BOUNDARY
- MW-1R MONITORING WELL
- PZ-2 PIEZOMETER
- 101.34 GROUNDWATER ELEVATIONS
- 116 GROUNDWATER CONTOUR (March 30, 2010)

NOTES

THIS MAP WAS GENERATED FROM AERIAL PHOTOS FLOWN ON 2-22-94 BY TRIANGLE AERIAL MAPPING, SUPPLEMENTED WITH SURVEYS BY MUNICIPAL ENGINEERING SERVICES CO., PA.



Greene County Closed MSWLF 3/30/10

WELL #	TOP OF PIPE ELEVATION (FT)	DEPTH TO WATER (FT)	WATER ELEVATION (FT)
MW-1R	121.78	3.01	118.77
MW-4	117.89	11.98	105.91
MW-5	115.76	14.42	101.34
MW-6	117.41	9.06	108.35
MW-7	110.48	9.72	100.76
MW-8	111.36	6.16	105.20

Municipal Engineering Services Company, P.A.
LICENSE NUMBER: C-0281
P.O. BOX 97 GARNER, N.C. 27529 (919) 772-5393
P.O. BOX 349 BOONE, N.C. 28607 (828) 262-1767
P.O. BOX 828 MOREHEAD CITY, N.C. 28557 (252) 726-9481

ACTIVE C&D OVER CLOSED MSW LANDFILL FACILITY
GREENE COUNTY NORTH CAROLINA

DATE	BY	REV.	DESCRIPTION

SINGLE DAY POTENTIOMETRIC MAP (UPPERMOST AQUIFER) MARCH 30, 2010

SCALE: 1" = 120'
DATE: 6/1/10
DRWN. BY: M. GERMAN
CHKD. BY: M. BROWN
PROJECT NUMBER G10010.0
DRAWING NO. Plate 1
SHEET NO. 1 OF 1

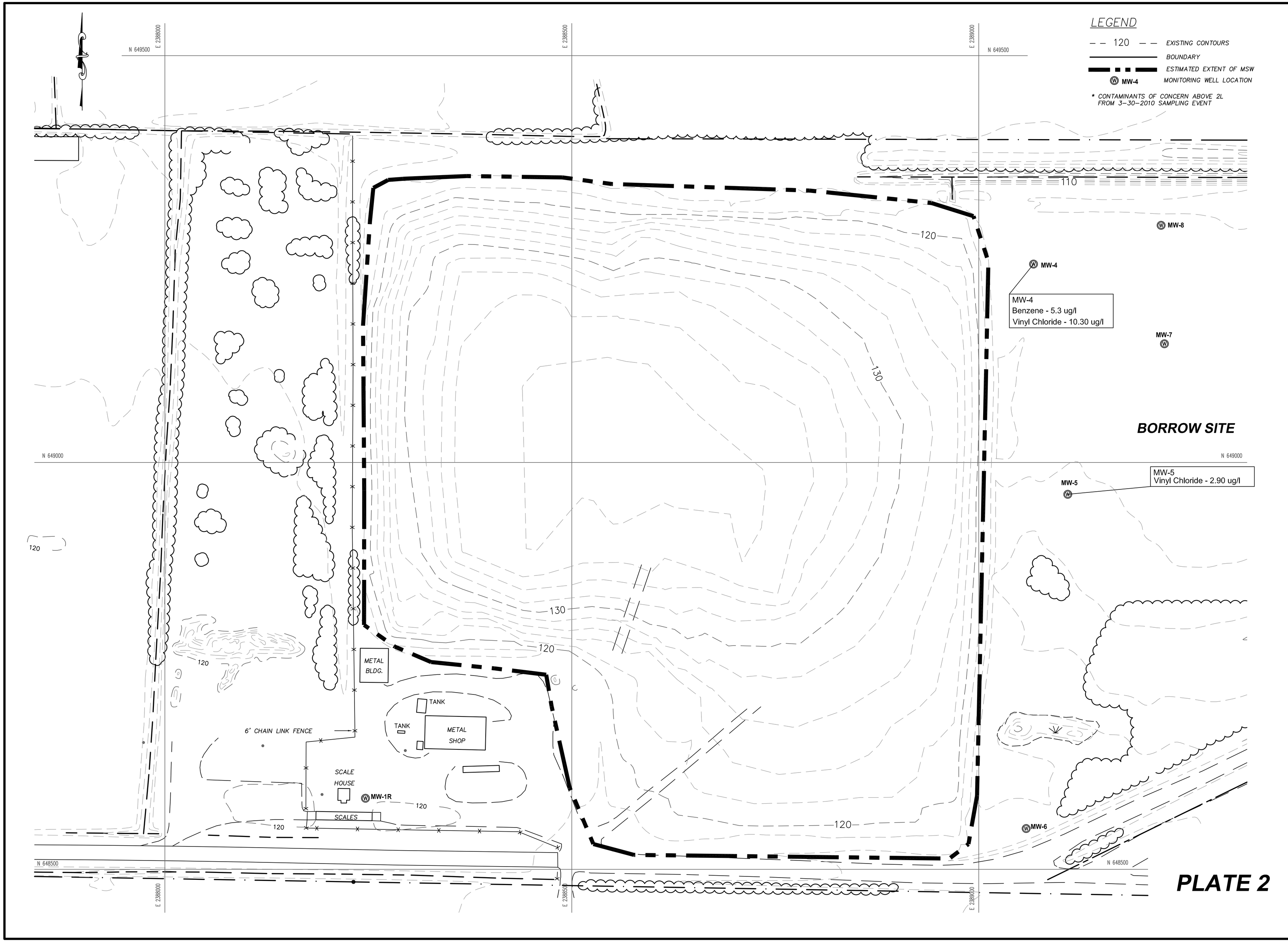


PLATE 2

Municipal Services Engineering Company, P.A.
LICENSE NUMBER: C-0281
P.O. BOX 37 GARNER, N.C. 27529 (919) 772-5393
P.O. BOX 349 BOONE, N.C. 28607 (828) 262-1767
P.O. BOX 278 MOREHEAD CITY, N.C. 28557 (252) 726-9481

GREENE COUNTY
CONSTRUCTION & DEMOLITION
LANDFILL FACILITY
GREENE COUNTY, NORTH CAROLINA

CONTAMINANTS OF CONCERN
WITH CONCENTRATIONS ABOVE 2L

DATE	BY	REV.	DESCRIPTION

SCALE:	1" = 50'
DATE:	8/24/2007
DRWN. BY:	E. CALDWELL
CHKD. BY:	E. CALDWELL
PROJECT NUMBER	G07061.0
DRAWING NO.	PLATE 2
SHEET NO.	1 OF 1

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#: 6005 A

GREENE CO. LANDFILL
DAVID JONES
P.O. BOX 543
SNOW HILL ,NC 28580

DATE COLLECTED: 03/30/10
DATE REPORTED : 04/23/10

REVIEWED BY:

PARAMETERS	MDL	SWSL	Well #4	Well #1R	Equipment Blank	Trip Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.85	4.72			03/30/10	RJH	SM4500HB
BOD, mg/l	2.0	2.0	13	--- U			03/30/10	TRB	SM5210B
COD, mg/l	10.0	10.0	45	19			04/20/10	TRB	HACH8000
Nitrate Nitrogen as N, mg/l	0.03	10.0	0.04 J	2.76 J			03/31/10	ANO	EPA353.2
Total Organic Carbon, mg/l	0.15	1.0	11.17	--- U			04/01/10	SEJ	SM5310C
Total Alkalinity, mg/l	1.0	1.0	200	1.0			03/30/10	TRB	SM2320B
Chloride, mg/l	5.0	5.0	7	149			04/07/10	MJN	SM4500-CLB
Sulfate, mg/l	5.0	250.0	11.6 J	12.2 J			04/07/10	TRB	SM426C
Antimony, ug/l	0.22	6.0	--- U	--- U	--- U		04/07/10	CMF	EPA200.8
Arsenic, ug/l	0.04	10.0	0.2 J	2.9 J	--- U		04/07/10	CMF	EPA200.8
Barium, ug/l	0.03	100.0	193	49.5 J	0.2 J		04/07/10	CMF	EPA200.8
Beryllium, ug/l	0.02	1.0	0.2 J	0.1 J	--- U		04/07/10	CMF	EPA200.8
Cadmium, ug/l	0.02	1.0	0.2 J	0.1 J	--- U		04/07/10	CMF	EPA200.8
Cobalt, ug/l	0.10	10.0	0.6 J	2.1 J	--- U		04/07/10	CMF	EPA200.8
Copper, ug/l	0.03	10.0	2.1 J	2.4 J	0.4 J		04/07/10	CMF	EPA200.8
Total Chromium, ug/l	0.03	10.0	0.4 J	0.4 J	0.1 J		04/07/10	CMF	EPA200.8
Iron, ug/l	13.8	300.0	495	65775	147 J		04/23/10	ADD	SM3111B
Lead, ug/l	0.01	10.0	1.7 J	1.5 J	--- U		04/07/10	CMF	EPA200.8
Nickel, ug/l	0.05	50.0	1.3 J	1.3 J	--- U		04/07/10	CMF	EPA200.8
Selenium, ug/l	0.32	10.0	--- U	0.8 J	--- U		04/07/10	CMF	EPA200.8
Silver, ug/l	0.03	10.0	--- U	0.1 J	--- U		04/07/10	CMF	EPA200.8
Thallium, ug/l	0.05	5.0	--- U	--- U	--- U		04/07/10	CMF	EPA200.8
Vanadium, ug/l	0.03	25.0	0.6 J	1.8 J	--- U		04/07/10	CMF	EPA200.8
Zinc, ug/l	0.08	10.0	6.4 J	2.6 J	--- U		04/07/10	CMF	EPA200.8
Turbidity, NTU	1.0	1.0	13.1	5.26			03/30/10	RJH	SM2130B
Sulfide, ug/l	100	1000	989 J	--- U			04/01/10	LFJ	SM4500-S2D
Conductivity (at 25c), uMhos	1.0	1.0	393	578			03/30/10	RJH	SM2510B
Dissolved Oxygen, mg/l			0.57	1.66			03/30/10	RJH	SM4500OG
Temperature, °C			14.78	13.22			03/30/10	RJH	SM2550B
Static Water Level, feet			11.98	3.01			03/30/10	RJH	
Well Depth, feet			26.16	19.51			03/30/10	RJH	
Carbon Dioxide, mg/l			655	79			03/30/10	TRB	SM4500CO2C
ORP, mv			-30.2	252.0			03/30/10	RJH	SM2580B

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: GREENE CO. LANDFILL
DAVID JONES
P.O. BOX 543
SNOW HILL, NC 28580

CLIENT ID: 6005 A

ANALYST: MAO
DATE COLLECTED: 03/30/10
DATE REPORTED: 04/23/10

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	Date Analyzed: 04/07/10 Well #4	04/07/10 Well #1R	04/13/10 Equipment Blank	04/13/10 Trip Blank
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	10.30	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	18.60	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	1.00	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	1.60 J	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	13.70	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	5.30	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	0.60 J	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	1.00	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	1.80 J	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	4.10	--- U	--- U	--- U
37. Xylenes	0.68	5.0	2.10 J	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	5.30	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U

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

microseeps
from insight comes solutions

Client Name: Environment 1, Inc.
Contact: Steve Jones
Address: PO Box 7085
114 Oakmont Drive
Greenville, NC 27835

Page: Page 1 of 3
Lab Proj #: P1003415
Report Date: 04/12/10
Client Proj Name: Greene County
Client Proj #: Greene County

Laboratory Results

Total pages in data package: 4

Lab Sample #	Client Sample ID
P1003415-01	WL1R
P1003415-02	WEL4

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not.

Approved By: Heather Hauser ***Date:*** 4·12·10

Project Manager: Heather Hauser

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Environment 1, Inc.
Contact: Steve Jones
Address: PO Box 7085
114 Oakmont Drive
Greenville, NC 27835

Lab Proj #: P1003415
Report Date: 04/12/10
Client Proj Name: Greene County
Client Proj #: Greene County

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
WL1R	Vapor	P1003415-01	30 Mar. 10	31 Mar. 10 10:16

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	4/8/10	sl
N Ethene	<0.010	0.010	ug/L	AM20GAX	4/8/10	sl
N Hydrogen	0.870	0.600	nM	AM20GAX	4/8/10	sl
N Methane	7.400	0.015	ug/L	AM20GAX	4/8/10	sl
SemiVolatiles						
N Acetic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Butyric Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Hexanoic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N i-Hexanoic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N i-Pentanoic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Lactic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N Pentanoic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Propionic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Pyruvic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb

N - NELAC certified analysis

Client Name: Environment 1, Inc.
Contact: Steve Jones
Address: PO Box 7085
114 Oakmont Drive
Greenville, NC 27835

Lab Proj #: P1003415
Report Date: 04/12/10
Client Proj Name: Greene County
Client Proj #: Greene County

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
WEL4	Vapor	P1003415-02	30 Mar. 10	31 Mar. 10 10:16

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	4/8/10	sl
N Ethene	0.150	0.010	ug/L	AM20GAX	4/8/10	sl
N Hydrogen	0.880	0.600	nM	AM20GAX	4/8/10	sl
N Methane	8500.000	0.015	ug/L	AM20GAX	4/8/10	sl
SemiVolatiles						
N Acetic Acid	0.083	0.070	mg/L	AM23G	4/2/10	kb
N Butyric Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Hexanoic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N i-Hexanoic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N i-Pentanoic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Lactic Acid	<0.100	0.100	mg/L	AM23G	4/2/10	kb
N Pentanoic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Propionic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb
N Pyruvic Acid	<0.070	0.070	mg/L	AM23G	4/2/10	kb

N - NELAC certified analysis

Microseeps Lab. Proj. # [illegible]

CHAIN - OF - CUSTODY RECORD

Microseeps COC cont. # 811

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : ENVIRONMOTT 1, INC.

Co. Address : 114 OAKMOTT DR GREENVILLE, NC 27858

Phone # : 252-756-6208 Fax # : 252-756-0633

Proj. Manager : STEVE JONES

Proj. Name/Number : 6005 / GREENE COUNTY

Sampler's signature : Robert Hogge

Cooler Temp.

Results to :

Invoice to :

Parameters Requested

Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# Bottles	HYDROGEN	LLUEA	METH/ETHENE/ETHANE							Remarks :
WL1R	WELL #1R	✓	✓		3/30/10		4	✓	✓	✓							
WEL4	WELL #4	✓	✓		3/30/10		4	✓	✓	✓							

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
[signature]	ENVIRONMOTT 1	3/30/10	2:45P	[signature]			
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

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: 6005 A **Week:** 10

GREENE CO. LANDFILL
DAVID JONES
P.O. BOX 543
SNOW HILL NC 28580

DISINFECTION
- ☐ CHLORINE
- ☐ UV
- ☐ NONE
- ☐ _____

	Field pH	BOD	COD	Nitrate	TOC	Alkalinity	Chloride	Sulfate	Metals	Turbidity	Sulfide	Conductivity	DO	Temperature	Field Parameter	EPA 8260B
CHLORINE NEUTRALIZED AT COLLECTION																
pH CHECK (LAB)			<2		<2				<2		>9					<2
CONTAINER TYPE, P/G	P	P	P	P	P	P	P	P	P	P	P	P	P	P		G
CHEMICAL PRESERVATION	A	A	C	A	C	A	A	A	A	A	F D	A	A	A		E

A - NONE; B - HNO_3; C - H_2SO_4; D - NAOH; E - HCL; F - ZINC ACETATE; G - NA THIOSULFATE

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	BOD	COD	Nitrate	TOC	Alkalinity	Chloride	Sulfate	Metals	Turbidity	Sulfide	Conductivity	DO	Temperature	Field Parameter	EPA 8260B	PARAMETERS
Well #4 03	30 10	1030		14.78	12	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
Well #1R 03	30 10	1200		13.22	12	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
Trip Blank					2																	
Equipment Blank 03	30 10				3									G							G	

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

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

SAMPLES COLLECTED BY: (Please Print) [illegible]

SAMPLES RECEIVED IN LAB AT 0.2 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob Hope 03	30 10	[illegible]	3/30 2:38
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

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

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

FORM #5

№ 200452

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: 6005 A **Week:** 10

GREENE CO. LANDFILL
DAVID JONES
P.O. BOX 543
SNOW HILL NC 28580

DISINFECTION
- [ ] CHLORINE
- [ ] UV
- [ ] NONE
- [ ] _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	8260 Dup. 1	CO2	ORP
						12		
						G	P	P
						E	A	A
Well #4 03	3010	1030		14.78	12	G	G	G
Well #1R 03	30 10	1200		13.22	12	G	G	G
Trip Blank					2			
Equipment Blank 03	30 10				3	G		

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE, P/G

CHEMICAL PRESERVATION

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
- [x] SOLID WASTE SECTION

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

SAMPLES COLLECTED BY:
(Please Print)
H Algoe / R of

SAMPLES RECEIVED IN LAB AT 02 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob H Algoe 03	30 10	[signature]	3/30 2:38
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

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FORM #5

№ 200451