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).
- 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):

Smith Gardner, Inc.

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

Name: Madeline German Phone: 919-828-0577x222

E-mail: madeline@smithgardnerinc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Washington County Closed MSW Landfill	718 Landfill Road, Roper, NC	94-02	.0500	March 6, 2014

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.

Madeline German, PG — Geologist — 919-828-0577x222

Facility Representative Name (Print) — Title — (Area Code) Telephone Number

Signature — Date: 4-25-14

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 2275 GEOLOGIST MADELINE GERMAN 4/25/14

14 N. Boylan Ave, Raleigh, NC 27603

Facility Representative Address

CO828

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

Revised 6/2009

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March 2014 Ground Water Monitoring Report

Washington County Closed MSW Landfill
Roper, North Carolina
NC Solid Waste Permit No. 94-02 – MSWLF-1980

Prepared for:

Washington County
P.O. Box 1007
Plymouth, North Carolina 27962

April 2014

Prepared by:

SMITH+GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

PRINTED ON 100% RECYCLED PAPER

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March 2014 Groundwater Monitoring Report

Washington County Closed MSW Landfill
NC Permit No. 94-02-MSWLF-1980

Prepared For:
Washington County Solid Waste
Plymouth, North Carolina

S+G Project No. WASH 08-2

Madeline German, P.G.
Project Geologist

Joan A. Smyth, P.G.
Senior Hydrogeologist

April 2014

SMITH+GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

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Washington County Closed MSW Landfill
NC Solid Waste Permit No. 94-02-MSWLF 1980

March 2014 Groundwater Monitoring Report

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1.0 INTRODUCTION

The Washington County Closed MSW Landfill, operating under Solid Waste Permit #94-02-MSWLF-1980, is required to conduct semi-annual ground water monitoring in accordance with Solid Waste Section Rule 15A NCAC 13B.0500 (et seq.). This report presents the semi-annual sampling results for the event conducted on March 6, 2014; and includes a field procedure summary, laboratory analyses and ground water characterization for the site. The laboratory analytical results and a single-day potentiometric surface map are also included.

2.0 REGIONAL GEOLOGY

The Washington County Landfill is located near Roper, North Carolina. According to the Geologic Map of North Carolina (*USGS, 1985*) this site is underlain by Quaternary surficial deposits that include sand, gravel, clay, and peat deposited in marine, fluvial, eolian and lacustrine environments; typical for a coastal plain environment.

3.0 SAMPLING PROCEDURES

The sampling event, reportedly performed by Environment 1, Inc. on March 6, 2014, included sample collection from four ground water monitoring wells (MW-1 through MW-4). A trip blank was analyzed for Appendix I volatile organic compounds (VOCs) for quality control purposes.

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

Samples were collected in laboratory prepared containers for the specified analytical procedures. Ground water samples were properly preserved, placed on ice and transported to the laboratory facility within the specified holding times for each analysis.

Surface water samples are not included with semi-annual monitoring requirements for this site.

4.0 FIELD & LABORATORY DATA

4.1 Laboratory Analysis

The ground water samples were transported to Environment 1, Inc., in Greenville, NC, a North Carolina certified laboratory (NC Wastewater ID #10). Samples were analyzed for the Appendix I VOCs via EPA Test Method 8260B and metals via EPA Test Method 200.8. The laboratory analytical report is included as Appendix A.

4.2 Field and Laboratory Results

Barium was detected above the SWSL in MW-1 and MW-2. No inorganic constituents were detected above their 2L Standards.

Two organic constituents, 1,4-dichlorobenzene and chlorobenzene were detected above their SWSLs in MW-2 and MW-3. Only 1,4-dichlorobenzene in MW-2 was reported above its 2L Standard for this event.

The field parameter results are shown in **Table 2**. Detected inorganic constituents (metals) are presented in **Table 3** and organic constituents (VOCs) are presented in **Table 4**.

Historic detected organic constituent graphs are included in **Appendix B**. Constituents detected between the Method Detection Limit (MDL) and SWSL are denoted as "J" qualified values; which are not quantifiable values.

5.0 GROUND WATER CHARACTERIZATION

A single-day potentiometric surface map was prepared from ground water data collected during this sampling event; from both the closed MSW landfill and the adjacent C&D landfill. The groundwater elevations indicate that ground water flows in a general northern direction. Hydraulic conductivity data is not available for these wells so ground water velocities could not be calculated. The potentiometric surface map is presented as **Figure 1**.

6.0 CONCLUSIONS

Laboratory results indicate that water quality at the Washington County Closed MSW Landfill is generally consistent with reported historical detections. Chlorobenzene, benzene and 1,4 dichlorobenzene concentrations are within the range of historical detections in MW-2 and MW-3.

The next ground water monitoring event is scheduled for September 2014. Results will be reported following laboratory analysis.

FIGURE

March 2014 Groundwater Monitoring Report
Washington County Closed MSW Landfill
NC Solid Waste Permit No. 94-02-MSWLF-1980

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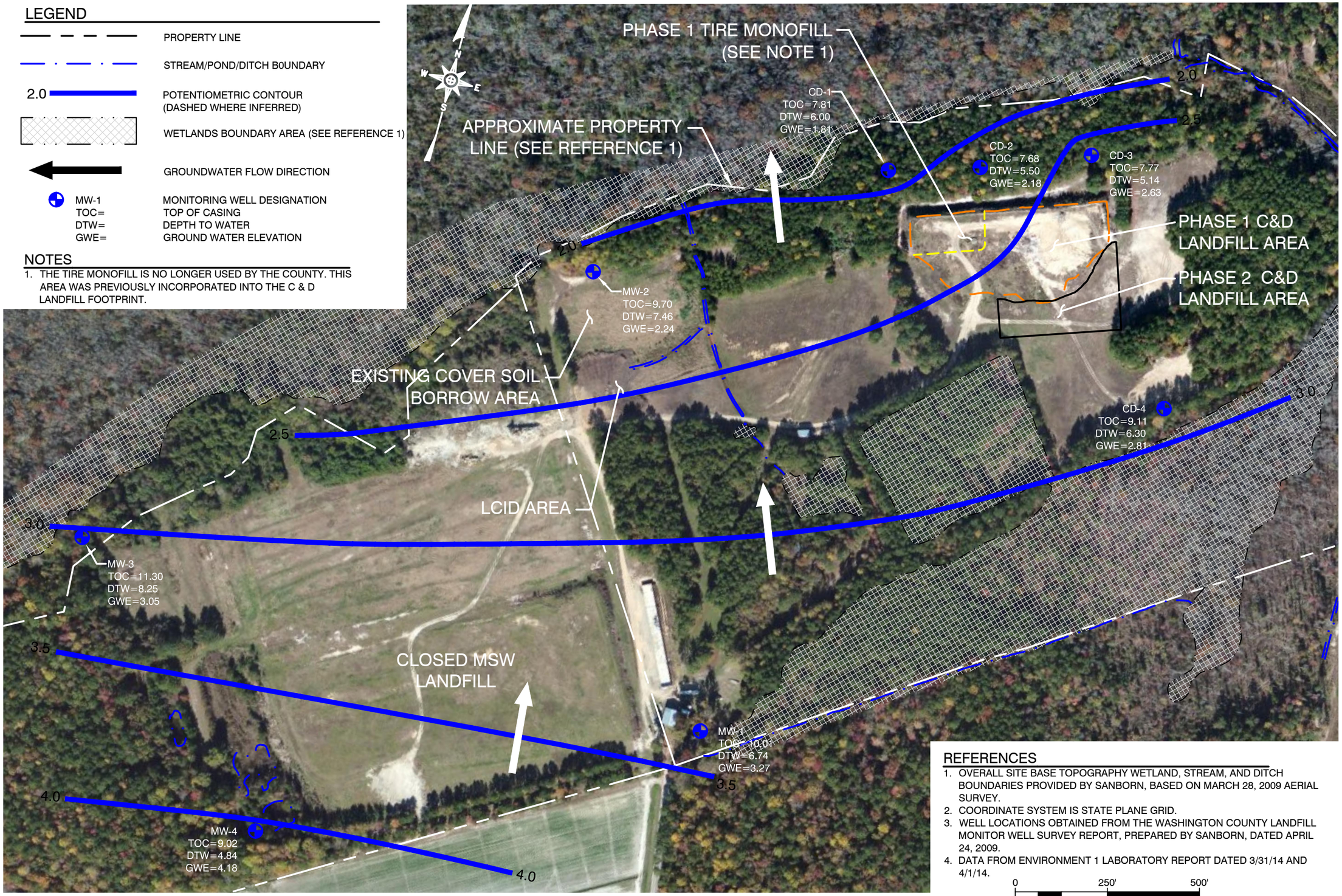
LEGEND

- PROPERTY LINE
- STREAM/POND/DITCH B0UNDARY
- 2.0 — POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)
- WETLANDS BOUNDARY AREA (SEE REFERENCE 1)
- GROUNDWATER FLOW DIRECTION
- MW-1 — MONITORING WELL DESIGNATION
  - TOC= TOP OF CASING
  - DTW= DEPTH TO WATER
  - GWE= GROUND WATER ELEVATION

NOTES

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



REFERENCES

1. OVERALL SITE BASE TOPOGRAPHY WETLAND, STREAM, AND DITCH BOUNDARIES PROVIDED BY SANBORN, BASED ON MARCH 28, 2009 AERIAL SURVEY.
2. COORDINATE SYSTEM IS STATE PLANE GRID.
3. WELL LOCATIONS OBTAINED FROM THE WASHINGTON COUNTY LANDFILL MONITOR WELL SURVEY REPORT, PREPARED BY SANBORN, DATED APRIL 24, 2009.
4. DATA FROM ENVIRONMENT 1 LABORATORY REPORT DATED 3/31/14 AND 4/1/14.

0 250' 500'

© 2014 Smith Gardner, Inc.

G:\CAD\Washington County\Wash 08-2\sheets\WASH-B0046.dwg - 4/21/2014 11:56 AM

PREPARED BY:

NC LIC. NO. C-0828 (ENGINEERING)

SMITH+GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

PREPARED FOR:

WASHINGTON COUNTY
MSW AND C&D LANDFILLS
POTENTIOMETRIC SURFACE MAP
MARCH 2014

DRAWN: J.A.L.	APPROVED: M.M.G.	SCALE: AS SHOWN	FIGURE NO. 1
DATE: Apr 2014	PROJECT NO: WASH 08-2	FILENAME: WASH-B0046	

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TABLES

March 2014 Groundwater Monitoring Report
Washington County Closed MSW Landfill
NC Solid Waste Permit No. 94-02-MSWLF-1980

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SMITH+GARDNER

By: MG
Date: 4/3/2014

Table 1
Groundwater Elevation Data
Washington County MSW Landfill
3/6/2014

Well	Northing	Easting	Top of Casing (TOC) Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-1	797426.27	2691416.85	10.01	6.74	3.27
MW-2	798555.67	2690813.33	9.70	7.46	2.24
MW-3	797500.35	2689659.95	11.30	8.25	3.05
MW-4	796852.09	2690320.91	9.02	4.84	4.18

Data from Environment 1 laboratory report dated 04/01/2014, Client ID# 6018.
Depth to Water measured from top of PVC casing.
Well locations and elevations provided by Sanborn, Charlotte, NC from field survey conducted on 4/8/09.

SMITH+GARDNER

By: MG
Date: 4/3/2014

Table 2
Field Parameter Results
Washington County MSW Landfill
3/6/2014

Well	pH (Std units)	Specific Conductivity (umhos/cm)	Temperature (Celsius)
MW-1	5.4	812	12
MW-2	6.6	989	15
MW-3	6.3	339	14
MW-4	5.6	81	11

Note: Temperature and pH measured with a laboratory grade thermometer.
Data from Environment 1 laboratory report dated 04/01/2014, Client ID# 6018.

SMITH+GARDNER

By: MG
Date: 4/3/2014

Table 3
Detected Inorganic Constituents
Washington County Closed MSW Landfill
3/6/2014

Parameter	MDL	SWSL	2L	MW-1	MW-2	MW-3	MW-4
Arsenic	0.05	10	10	0.78 J	8 J	2.3 J	0.65 J
Barium	0.06	100	700	**260**	**193**	55.2 J	31.6 J
Cadmium	0.05	1	2	0.19 J	0.50 J	0.36 J	0.29 J
Total Chromium	0.04	10	10	0.11 J	2.4 J	0.26 J	3.0 J
Lead	0.02	10	15	0.05 J	0.37 J	0.03 J	1.8 J
Mercury	0.01	0.2	1	<0.01	0.66 J	0.11 J	0.09 J
Selenium	0.06	10	20	1.8 J	0.66 J	0.11 J	0.09 J

SWSL	-	Solid Waste Section Quantitation Limit
2L	-	Groundwater Standard (15A NCAC 2L 0200)
MDL	-	Method Detection Limit
<MDL	-	Not detected at or above MDL
Shading	-	Levels above 2L standard
Bold Letters	-	Constituent detected above SWSL
J	-	Detected between MDL and SWSL limit

SWSL, 2L Standards and Results are presented in ug/l.
Data from Environment 1 laboratory report dated 04/01/2014, Client ID# 6018.

SMITH+GARDNER

By: MG
Date: 4/3/2014

Table 4
Detected Organic Constituents
Washington County MSW Landfill
3/6/2014

Parameter	MDL	SWSL	2L Standard	MW-1	MW-2	MW-3	MW-4
1,4-Dichlorobenzene	0.39	1	6	<0.39	**7.10**	**1.70**	<0.39
Benzene	0.24	1	1	<0.24	0.90 J	0.40 J	<0.24
Chlorobenzene	0.30	3	50	<0.30	**10.90**	**9.10**	<0.30

Note: Results are presented in ug/l (ppb)

SWSL	-	Solid Waste Section Quantitation Limits
2L	-	Groundwater Standards (15A NCAC 2L 0200)
MDL	-	Method Detection Limit
Shading	-	Levels above 2L standard or no 2L standard
Bold Letters	-	Levels above SWSL
< MDL	-	Level not detected above the MDL

Note: Data from Environment 1 laboratory report dated 04/01/2014, Client ID# 6018.

Appendix A

Laboratory Analytical Reports

March 2014 Groundwater Monitoring Reports
Washington County Closed MSW Landfill
NC Solid Waste Permit No. 94-02-MSWLF-1980

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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#: 6018

WASHINGTON CO. LANDFILL
MR. CARL CRITCHER
P.O. BOX 1007
PLYMOUTH ,NC 27962

DATE COLLECTED: 03/06/14
DATE REPORTED : 04/01/14

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-1	MW-2	MW-3	MW-4	Trip Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.4	6.6	6.3	5.6		03/06/14	BF	4500HB-00
Arsenic, ug/l	0.05	10.0	0.78 J	8 J	2.3 J	0.65 J		03/18/14	LFJ	EPA200.8
Barium, ug/l	0.06	100.0	260		55.2 J			03/18/14	LFJ	EPA200.8
Barium, ug/l	0.06	100.0		193		31.6 J		03/31/14	LFJ	EPA200.8
Cadmium, ug/l	0.05	1.0	0.19 J	0.50 J	0.36 J	0.29 J		03/14/14	LFJ	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.11 J	2.4 J	0.26 J	3.0 J		03/18/14	LFJ	EPA200.8
Lead, ug/l	0.02	10.0	0.05 J	0.37 J	0.03 J	1.8 J		03/18/14	LFJ	EPA200.8
Mercury, ug/l	0.01	0.20	--- U	0.02 J	--- U	--- U		03/20/14	MTM	245.1 R3-94
Selenium, ug/l	0.06	10.0	1.8 J	0.66 J	0.11 J	0.09 J		03/18/14	LFJ	EPA200.8
Silver, ug/l	0.03	10.0	--- U	--- U	--- U	--- U		03/14/14	LFJ	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	812	989	339	81		03/06/14	BF	2510B-97
Temperature, °C			12	15	14	11		03/06/14	BF	2550B-00
Static Water Level, feet			6.74	7.46	8.25	4.84		03/06/14	BF	
Well Depth, feet			23.09	19.30	19.97	22.90		03/06/14	BF	

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: WASHINGTON CO. LANDFILL
MR. CARL CRITCHER
P.O. BOX 1007
PLYMOUTH, NC 27962

CLIENT ID: 6018

ANALYST: MAO
DATE COLLECTED: 03/06/14
DATE ANALYZED: 03/12/14
DATE REPORTED: 04/01/14

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	MW-1	MW-2	MW-3	MW-4	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	0.90 J	0.40 J	--- 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	10.90	9.10	--- 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	7.10	1.70	--- 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.

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: 6018 **Week:** 13

WASHINGTON CO. LANDFILL
MR. CARL CRITCHER
P.O. BOX 1007
PLYMOUTH NC 27962

(252) 793-5615

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

																					CHLORINE NEUTRALIZED AT COLLECTION
							12				12	12	12								pH CHECK (LAB)
						P	P	P	P		G	G	G								CONTAINER TYPE, P/G
						A	A	A	A		E	E	E								CHEMICAL PRESERVATION
SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2								PARAMETERS
MW-1	3-6-14	1205		12	5	G	G	G	G	G	G	G	G								
MW-2	3-6-14	1020		15	4	G	G	G	G	G	G	G									
MW-3	3-6-14	1000		14	4	G	G	G	G	G	G	G									
MW-4	3-6-14	0940		11	4	G	G	G	G	G	G	G									
Trip Blank	3-6-14				2						G	G									

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE/NAOH
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)
Bobby Fox

SAMPLES RECEIVED IN LAB AT 0.6 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bobby Fox	3-6-14 2:07	[signature]	3/6/14 2:17
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

Nº 276218

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Appendix B

Historic Organic Constituent Graphs

March 2014 Groundwater Monitoring Report
Washington County Closed MSW Landfill
NC Solid Waste Permit No. 94-02-MSWLF-1980

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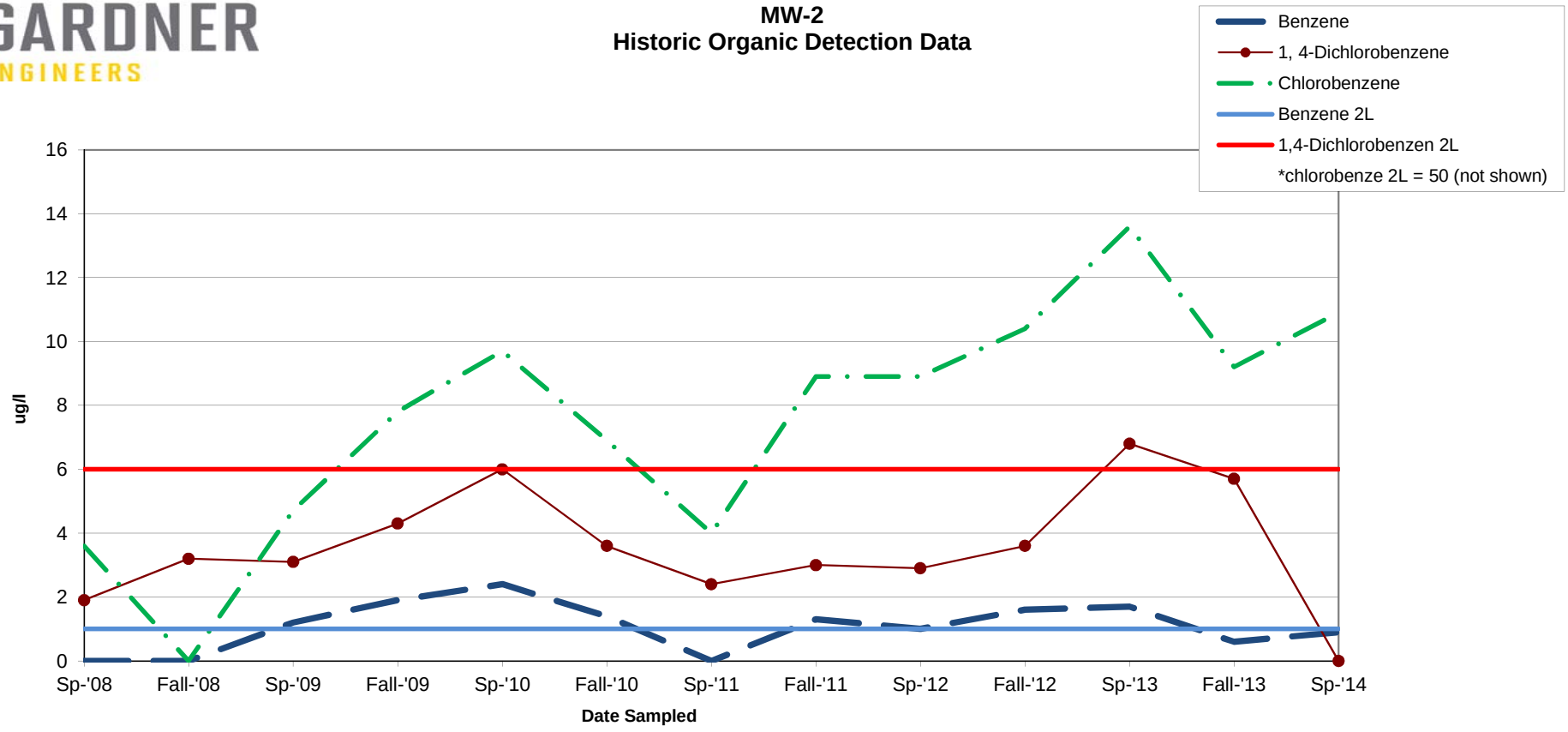
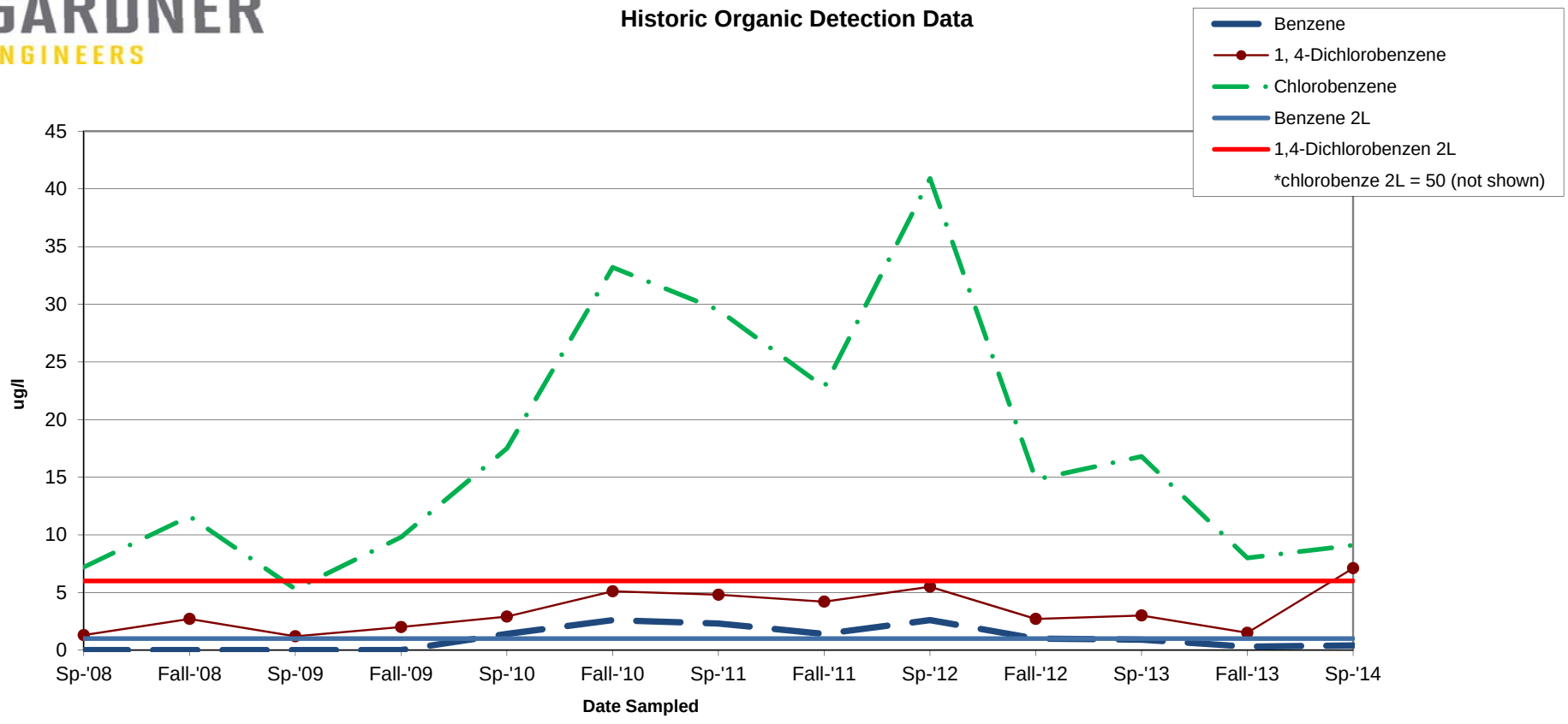
SMITH+ GARDNER ENGINEERS

Washington County MSW Landfill
MW-2
Historic Organic Detection Data



SMITH+ GARDNER ENGINEERS

Washington County MSW Landfill
MW-3
Historic Organic Detection Data