

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, PG

Phone: (919) 828 - 0577 x222

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)

High Point Riverdale Closed MSW Landfill

Riverdale Drive, High Point, NC

41-01

.0500

December 29, 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 Methane gas monitoring data
 Groundwater monitoring data from private water supply wells Corrective action data (specify) _____
 Leachate monitoring data
 Surface water monitoring data 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

Project Geologist

(919) 828 - 0577 x222

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Signature

Date

Affix NC Licensed/ Professional Geologist Seal

14 N. Boylan Ave, Raleigh, NC 27603

Facility Representative Address

C-0828

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

Revised 6/2009



**NC Division of Waste Management - Solid Waste Section
Landfill Gas Monitoring Data Form**

Q4-2014

Page 1 of 2

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).

Facility Name: City of High Point, Closed Riverdale LF Permit Number: 41-01

Date of Sampling: 12-29-14 NC Landfill Rule (.0500 or .1600): .0500

Name and Position of Sample Collector: DON MISENHEIMER (STG)

Type and Serial Number of Gas Meter: GM 12266/10 GM 2000 Calibration Date of Gas Meter: 12-26-14

Date and Time of Field Calibration: 8:00 am 12-29-14

Type of Field Calibration Gas (15/15 or 35/50): 15/15 Expiration Date of Field Calibration Gas Canister: 2016

Pump Rate of Gas Meter: 0.5 L/min

Ambient Air Temperature: 50° Barometric Pressure: 29.01 General Weather Conditions: PRIZZY

Instructions: Under "Location or LFG Well" identify the monitoring wells or describe the location for other tests (e.g., inside buildings). A drawing showing the location of test must be attached. Report methane readings in both % LEL and % methane by volume. A reading in percent methane by volume can be converted to % LEL as follows: % methane by volume = % LEL/20

Location or LFG Well ID	Sample Tube Purge	Time	Time Pumped (s)	Initial %LEL	Stabilized %LEL	%CH4 by Volume	%O2	%CO2	Notes
LFG-7	7605	10:17a	7605	7100	7100	15.3	9.4	26.7	
7-1	7605	10:19a	7605	7100	7100	12.4	12.7	14.4	
7-2	7605	10:21a	7605	7100	7100	7.3	14.9	4.3	
7-3	7605	10:22a	7605	7100	7100	20.1	0	35.1	
7-4	7605	10:24a	7605	7100	7100	41.7	1.1	29.8	
LFG-8	7605	10:27a	7605	7100	7100	30.1	1.8	21.6	
8A	7605	10:28a	7605	7100	7100	41.0	5.4	22.4	
8B	7605	10:31a	7605	7100	7100	42.7	5.9	29.5	
8-1	7605	10:34a	7605	7100	7100	39.8	0	30.6	
8-2	7605	10:36a	7605	7100	7100	29.9	0	27.7	
8-3	7605	10:40a	7605	7100	7100	24.1	0	42.7	
8-4	7605	10:42a	7605	7100	7100	41.6	0	31.4	
8-5	7605	10:44a	7605	7100	7100	20.1	3.3	14.9	
LFG-9	7605	10:46a	7605	7100	7100	19.3	17.4	25.5	
9-1	7605	10:48a	7605	7100	7100	50.1	0	32.7	
LFG-10	7605	10:52a	7605	0	0	0	15.4	4.4	
LFG-6	7605	10:57a	7605	0	0	0	15.2	3.4	
LFG-5	7605	11:16a	7605	0	0	0	16.1	2.3	
LFG-4	7605	11:18a	7605	0	0	0	19.1	3.1	
LFG-3	7605	11:22a	7605	0	0	0	15.7	5.7	
1-1	7605	11:27a	7605	0	0	0	16.9	2.1	

NOTE:

If your facility has more gas monitoring locations than there is room on this form, please attach additional sheets listing the same information as contained on this form.

Certification To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Don Misener STG
SIGNATURE

PROJECT SCIENTIST
TITLE

NC Division of Waste Management - Solid Waste Section

Landfill Gas Monitoring Data 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).

Facility Name: City of High Point, Closed Riverdale LF Permit Number: 41-01

Date of Sampling: _____ NC Landfill Rule (.0500 or .1600): .0500

Name and Position of Sample Collector: SEE PAGE 1 of 2

Type and Serial Number of Gas Meter: _____ Calibration Date of Gas Meter: _____

Date and Time of Field Calibration: _____

Type of Field Calibration Gas (15/15 or 35/50): _____ Expiration Date of Field Calibration Gas Canister: _____

Pump Rate of Gas Meter: _____

Ambient Air Temperature: _____ Barometric Pressure: _____ General Weather Conditions: _____

Instructions: Under "Location or LFG Well" identify the monitoring wells or describe the location for other tests (e.g., inside buildings). A drawing showing the location of test must be attached. Report methane readings in both % LEL and % methane by volume. A reading in percent methane by volume can be converted to % LEL as follows: % methane by volume = % LEL/20

Location or LFG Well ID	Sample Tube Purge	Time	Time Pumped (s)	Initial %LEL	Stabilized %LEL	%CH4 by Volume	%O2	%CO2	Notes
Old Maintenance Building									
NE Corner	7605	10:58g	7605	0	0	0	20.9	0	
NW Corner	7605	10:00g	7605	0	0	0	20.9	0	
SE Corner	7605	11:02g	7605	0	0	0	20.9	0	
SW Corner	7605	11:04g	7605	0	0	0	20.9	0	
Electrical Shop									
NE Corner	7605	11:06g	7605	0	0	0	21.0	0	
NW Corner	7605	11:08g	7605	0	0	0	21.0	0	
SE Corner	7605	11:10g	7605	0	0	0	20.9	0	
SW Corner	7605	11:12g	7605	0	0	0	20.9	0	

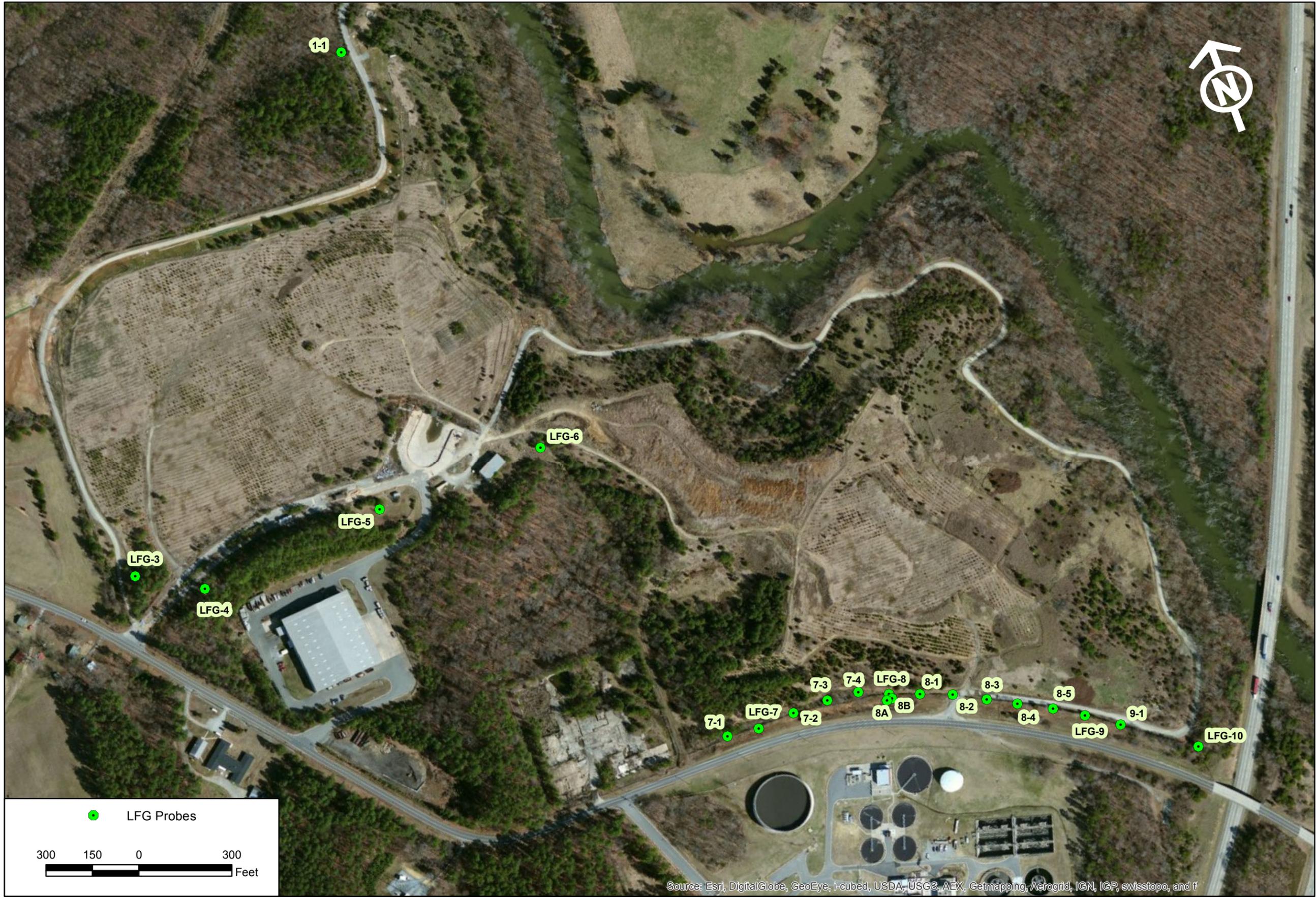
If your facility has more gas monitoring locations than there is room on this form, please attach additional sheets listing the same information as contained on this form.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

[Signature]
SIGNATURE

PROJECT SCIENTIST
TITLE



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and f

LFG MONITORING PROBES LOCATION
CLOSED RIVERDALE LANDFILL
CITY OF HIGH POINT,
NORTH CAROLINA

DRAWN: D.M.M.	APPROVED: J.A.S.	SCALE: AS SHOWN	FIGURE NO.: 1
DATE: DEC. 2010	PROJECT NO.: HPOINT 10-2	FILENAME: High_Point GP	