Periodic Methane Monitoring Report

Monitoring Date:	28 June 2013	**Facility Name:**	Longstreet Road MSW Landfill
Facility Permit #:	#26-02	**Monitoring Personnel (Name/Position):**	Jeff Sloop Solid Waste Tech
NC Landfill Rule:	0.1600	**Monitoring Personnel (Name/Position):**	N/A
County (Location):	Cumberland	**Equipment Field Calibrated by:**	Jeff Sloop
Equipment Type:	GEM 2000 +	**Manufacturer Cal/Service Date:**	6-25-2013 - 12/2013
Equipment Serial #:	GM 13354/11	**Date/Time of Field Calibration:**	28 June 2013 / 11:45
Calibration Gas:	60% CH_4 35% CO_2	**Cal Gas Expiration Date:**	Sept 2014
Meter pump rate:	N/A		

Gas Monitoring Wells

	Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
GP1R2	Gas RMW-1	1230	Ø	Ø	1232	Ø	Ø	12.2	7.6
	Gas RMW-2								
GP3R	Gas MW-3	1225	Ø	Ø	1227	Ø	Ø	19.4	0.4
	Gas RMW-4								
GP5R	Gas MW-5	1220	Ø	Ø	1222	Ø	Ø	17.0	2.4
	Gas MW-6								
	Gas MW-7								
	Gas RMW-8								
GP-9R	Gas MW-9	1210	Ø	Ø	1212	Ø	Ø	13.6	5.9
	Gas RMW-10								
	Gas RMW-11R2	1317	Ø	Ø	1319	Ø	Ø	18.7	1.2
	Gas RMW-12R2	1305	Ø	Ø	1307	Ø	Ø	17.7	2.4
	Gas RMW-13R2	1252	Ø	Ø	1254	Ø	Ø	17.6	2.1
	Gas RMW-14R2	1244	4.5	9%	1246	7.2	>	0.3	7.9
	Gas RMW-15R2	1235	Ø	Ø	1237	Ø	Ø	15.4	2.4
	New Gas MW-16								

Notes:

Facility Structures

Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
Former Scalehouse								
Wash Rack Control Booth								
O-9388								
O-9389								

Drawings identifying location where each building sampled (include north arrow):

Former Scale House

Wash Rack Control Booth

O-9388

O-9389

Climatic/Physical Conditions at Site

Samples must be collected under normal/average conditions of temperature, pressure, and climate for the season. Barhole punch sampling should not be performed during or immediately after rain events, or when soils are saturated or frozen. **All sampling must be performed after 12:00 pm** (subsurface gases have a diurnal cycle and generally are at a maximum during the afternoon), and preferably when barometric conditions are not rising (subsurface gas pressures will be less than atmospheric pressure under these conditions and gas will therefore not migrate), or representative samples may not be obtained. Barometric information can be obtained from many locations (i.e. http://weather.noaa.gov).

a. Soil Conditions: Dry

b. Weather Partly Cloudy WSW 9mph Conditions:

c. Temperature: 85°

d. Barometric Conditions: 29.74 Rising Falling Steady Reading mmHg

e. Relative Humidity within range of 10%-90%? Yes Value: 68%

f. Condition and Access: Are all monitoring points identified in the field (signage) in accordance with approved monitoring plan; are they secured; has the owner/operator maintained access? If no, explain in space provided below.

g. If stressed vegetation is noted, describe the extent and location in the space provided below.

Description of Sampling Techniques: (e.g., wells are vented or not, barhole punch methodology, etc.)

Additional Comments:

None

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.

Sidney R. Williams
SIGNATURE

Solid Waste Manager
TITLE