Periodic Methane Monitoring Report

Monitoring Date:	31JAN2012	**Facility Name:**	Longstreet Road MSW Landfill
Facility Permit #:	#26-02	**Monitoring Personnel (Name/Position):**	Jeff Sloop Solid Waste Support
NC Landfill Rule:	0.1600	**Monitoring Personnel (Name/Position):**	Chris Varela Tech
County (Location):	Cumberland	**Equipment Field Calibrated by:**	J. Sloop
Equipment Type:	GEM 2000Plus	**Manufacturer Cal/Service Date:**	[redacted] 27 JAN 2012
Equipment Serial #:	GM12027/09-15332	**Date/Time of Field Calibration:**	31JAN 2012 1205
Calibration Gas:	oxy/nitrogen/methane/co2	**Cal Gas Expiration Date:**	Sept 2014
Meter pump rate:			

Gas Monitoring Wells

Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
Gas MW-1	1225	28.6	>	1227(2min)	29.2	>	Ø	32.3
Gas MW-2	1345	18.0	>	1347(2min)	18.3	>	.7	18.5
Gas MW-3								
Gas MW-4	1352	4.4	88%	1354(2min)	4.5	90%	Ø	19.4
Gas MW-5	1400	Ø	.01%	1402(2min)	Ø	.01%	4.0	12.1
Gas MW-6								
Gas MW-7								
Gas MW-8	1332	38.2	>	1334 (2min)	39.0	>	Ø	30.9
Gas MW-9								
Gas MW-10								
Gas MW-11	1319	10.3	>	1321 (2min)	11.3	>	00.4	13.9
Gas MW-12	1307	31.6	>	1309(2min)	31.9	>	Ø	31.5
Gas MW-13	1258	13.0	>	1300(2min)	14.2	>	.01	23.4
Gas MW-14	1247	17.0	>	1249(2min)	18.8	>	3.7	21.9
Gas MW-15	1237	35.2	>	1239(2min)	36.0	>	.02	30.9

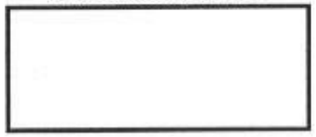
Notes:

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: _____

b. Weather Conditions: Sunny

c. Temperature: 61° F

d. Barometric Conditions: Rising Falling (Steady x) Reading 30.43 mmHg

e. Relative Humidity within range of 10%-90%? Value: 33%

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:

No Comments

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 D. Williamson — SIGNATURE

Solid Waste Manager — TITLE