

Periodic Methane Monitoring Report

Lamont Road LCID and C&D Landfills

Monitoring Date: 28 MAR 2012 Facility Name: \_\_\_\_\_  
 Facility Permit #'s: #26G and #26-08 Monitoring Personnel (Name/Position): Jeff Sloop  
 NC Landfill Rule: 0.0500 Monitoring Personnel (Name/Position): Sid Williamson Solid Waste Manager  
 County (Location): Cumberland Equipment Field Calibrated by: Jeff Sloop  
 Equipment Type: GEM 2000 Plus Manufacturer Cal/Service Date: 26 MAR 2012  
 Equipment Serial #: GM 11405/09 Date/Time of Field Calibration: 28 MAR 2012  
 Calibration Gas: CO2/CH4/H2S/O2/N2 Cal Gas Expiration Date: 09/13/2012  
 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
GP-1								
GP-2								
GP-3								
GP-4								
GP-5								
GP-6								
GP-7								
GP-8								
GP-9								
GP-10								
GP-11								
GP-12								
GP-13	<u>1234</u>	<u>19.8</u>	<u>&gt;</u>	<u>1836</u>	<u>20.9</u>	<u>&gt;</u>	<u>8.9</u>	<u>4.9</u>

Notes:

**Facility Structures**

Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
Office								
Scale House								
O-3533								

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



**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: ~~Barometric~~ partly cloudy
- c. Temperature: ~~76.0~~ 76°
- d. Barometric Conditions: Rising  Falling  Steady  Reading ~~30.18 mmHg~~ 30.18 mmHg
- e. Relative Humidity within range of 10%-90%? Yes Value: ~~63%~~ 63%
- 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.

*Adrian Williams*  
SIGNATURE

*Solid Waste Manager*  
TITLE