Periodic Methane Monitoring Report

Monitoring Date: 5 Aug 2013 (July event)
Facility Permit #'s: #26G and #26-08
NC Landfill Rule: 0.0500
County (Location): Cumberland
Equipment Type: GEM 2000 plus
Equipment Serial #: 15552
Calibration Gas: 50% methane/35% CO_2
Meter pump rate: N/A

Facility Name: Lamont Road LCID and C&D Landfills
Monitoring Personnel (Name/Position): Jeff Sloop solid waste tech
Monitoring Personnel (Name/Position): Sid Williamson solid waste manager
Equipment Field Calibrated by: Jeff Sloop
Manufacturer Cal/Service Date: 2 Aug 2013 – 31 OCT 2013
Date/Time of Field Calibration: 5 Aug 2013 1202
Cal Gas Expiration Date: Jan. 2014

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	1205	14.4	>	1207	14.6	>	007	24.2
GP-11								
GP-12	1217	.2	004	1219	13	007	17.9	2.2
GP-13								

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):

Office

Scale House

O-3533

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: normal

b. Weather Conditions: sunny

c. Temperature: 82°

d. Barometric Conditions: Rising Falling Steady Reading mmHg

e. Relative Humidity within range of 10%-90%? yes Value: 71 %

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.

SIGNATURE

Solid Waste Manager

TITLE