

Periodic Methane Monitoring Report

Monitoring Date: 23 July 2012

Lamont Road LCID and C&D Landfills

Facility Permit #'s: #26G and #26-08

Facility Name: Monitoring Personnel (Name/Position):

R Hill

NC Landfill Rule: 0.0500

Monitoring Personnel (Name/Position):

T Hill Topley

County (Location): Cumberland

Equipment Field Calibrated by:

R Hill Topley

Equipment Type: GEN 2000

Manufacturer Cal/Service Date:

1400 23 47 2012

Equipment Serial #: 11358

Date/Time of Field Calibration:

FEB 2015

Calibration Gas: D240% CH4 50% Cal Gas

Cal Gas Expiration Date:

2012

Meter pump rate:

Gas Monitoring Wells

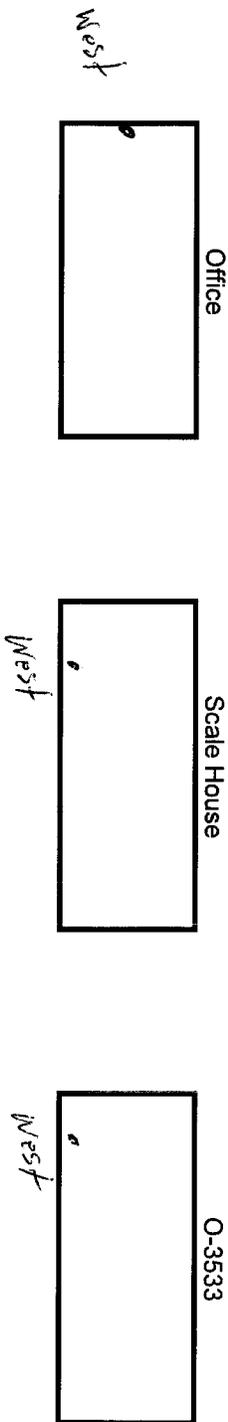
Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
GP-1	14:31	0	—	1 min	0	—	16.0	16.1
GP-2	14:25	0	—	1 min	0.2	—	3.2	16.9
GP-3	15:00	0	—	1 min	0	—	20.5	.3
GP-4	15:08	0	—	1 min	0	—	18.6	2.0
GP-5	15:18	0	—	1 min	0	—	18.8	1.1
GP-6	15:18	0	—	1 min	0	—	18.0	2.3
GP-7	15:18	0	—	1 min	0	—	19.8	6.7
GP-8	15:28	0	—	1 min	0	—	18.7	1.2
GP-9	15:28	17	—	1 min	0.8	—	6.7	14.8
GP-10	14:47	0	—	1 min	0	—	18.9	1.4
GP-11	14:41	0.5	—	1 min	3.5	—	1.7	14.9
GP-12	14:37	1.4	—	1 min	11.3	—	7.9	3.0
GP-13								

Notes:

Facility Structures

Monitoring Point ID	Time	Initial %CH4	Initial %LEL	Purge Time	Stable %CH4	Stable %LEL	Stable %O2	Stable %CO2
Office	14:20	0		1 min	0		20.5	0.1
Scale House	14:28	0		1 min	0		20.3	0.1
O-3533	14:30	0		1 min	0		20.3	0.1

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: Damp
- b. Weather Conditions: Sunny, cool ft wind
- c. Temperature: 79°F 87°e
- d. Barometric Conditions: Rising Falling Steady x Reading 29.92 mmHg
- e. Relative Humidity within range of 10%-90%? Value: ~~37%~~ 48%
- 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:

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



TITLE