NC Division of Waste Management - Solid Waste Section

Landfill Gas Monitoring Data Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Facility Name: Lee County Landfill Permit Number: 53-01

Date of Sampling: 8/8/13 NC Landfill Rule (.0500 or .1600): .0500

Name and Position of Sample Collector: Joseph T. Cherry, Solid Waste Superintendent

Type and Serial Number of Gas Meter: RKI GX-2003 9540102 78RN Calibration Date of Gas Meter: 7/7/13 Factory

Date and Time of Field Calibration: 8/8/13 8:29 am

Type of Field Calibration Gas (15/15 or 35/50): _____ Expiration Date of Field Calibration Gas Canister: 9/2013

Pump Rate of Gas Meter: T90 within 30 seconds

Ambient Air Temperature: 77.4 Barometric Pressure: 29.46% General Weather Conditions: Sunny/warm

Instructions: Under "Location or LFG Well" identify the monitoring wells or describe the location for other tests (e.g., inside buildings). A drawing showing the location of test must be attached. Report methane readings in both % LEL and % methane by volume. A reading in percent methane by volume can be converted to % LEL as follows: % methane by volume = % LEL/20

Location or LFG Well ID	Sample Tube Purge	Time AM	Time Pumped (s)	Initial %LEL	Stabilized %LEL	%CH4 by Volume	%O2	%CO2	Notes
M1	>1 min	8:58	>1 min	0	0	0	20.9	0	
M3	>1 min	9:10	>1 min	0	0	0	19.5	0	
M4	>1 min	9:16	>1 min	0	0	0	20.9	0	
M6	>1 min	9:30	>1 min	0	0	0	19.2	0	
M7	>1 min	9:25	>1 min	0	0	0	18.2	0	
M11	>1 min	9:55	>1 min	0	0	0	20.3	7	
M12	>1 min	9:59	>1 min	0	0	0	20.5	5	
M14	>1 min	10:20	>1 min	0	0	0	20.1	2	
M15	>1 min	8:46	>1 min	0	0	0	20.9	0	
M16	>1 min	8:48	>1 min	0	0	0	20.9	0	

If your facility has more gas monitoring locations than there is room on this form, please attach additional sheets listing the same information as contained on this form.

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 Superintendent
TITLE

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Name and Position of Sample Collector: Joseph T. Cherry, Solid Waste Superintendent

Type and Serial Number of Gas Meter: RKI GX-2003 954010278RN Calibration Date of Gas Meter: Factory 7/7/13

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Location or LFG Well ID	Sample Tube Purge	Time AM	Time Pumped (s)	Initial %LEL	Stabilized %LEL	%CH4 by Volume	%O2	%CO2	Notes
M17	>1 min	8:52	>1 min	0	0	0	20.9	0	
M21	>1 min	10:46	>1 min	0	0	0	20.9	0	
M22	>1 min	10:38	>1 min	0	0	0	20.9	0	
M23	>1 min	10:28	>1 min	0	0	0	20.9	0	
M25	>1 min	9:04	>1 min	0	0	0	20.9	0	
M28	>1 min	9:38	>1 min	42	15	.75	8.0	28	
M31	>1 min	9:49	>1 min	0	0	0	20.8	7	
M33	>1 min	10:15	>1 min	0	0	0	20.9	2	
M36	>1 min	9:40	>1 min	100	100	>5%	5.5	7	
Sc Hse	>1 min	10:55	>1 min	0	0	0	20.9	0	

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Att Bld	>1 min	10:49	>1 min	0	0	0	20.9	0	
Trailer	>1 min	10:45	>1 min	0	0	0	20.9	0	
Maint	>1 min	10:54	>1 min	0	0	0	20.9	0	

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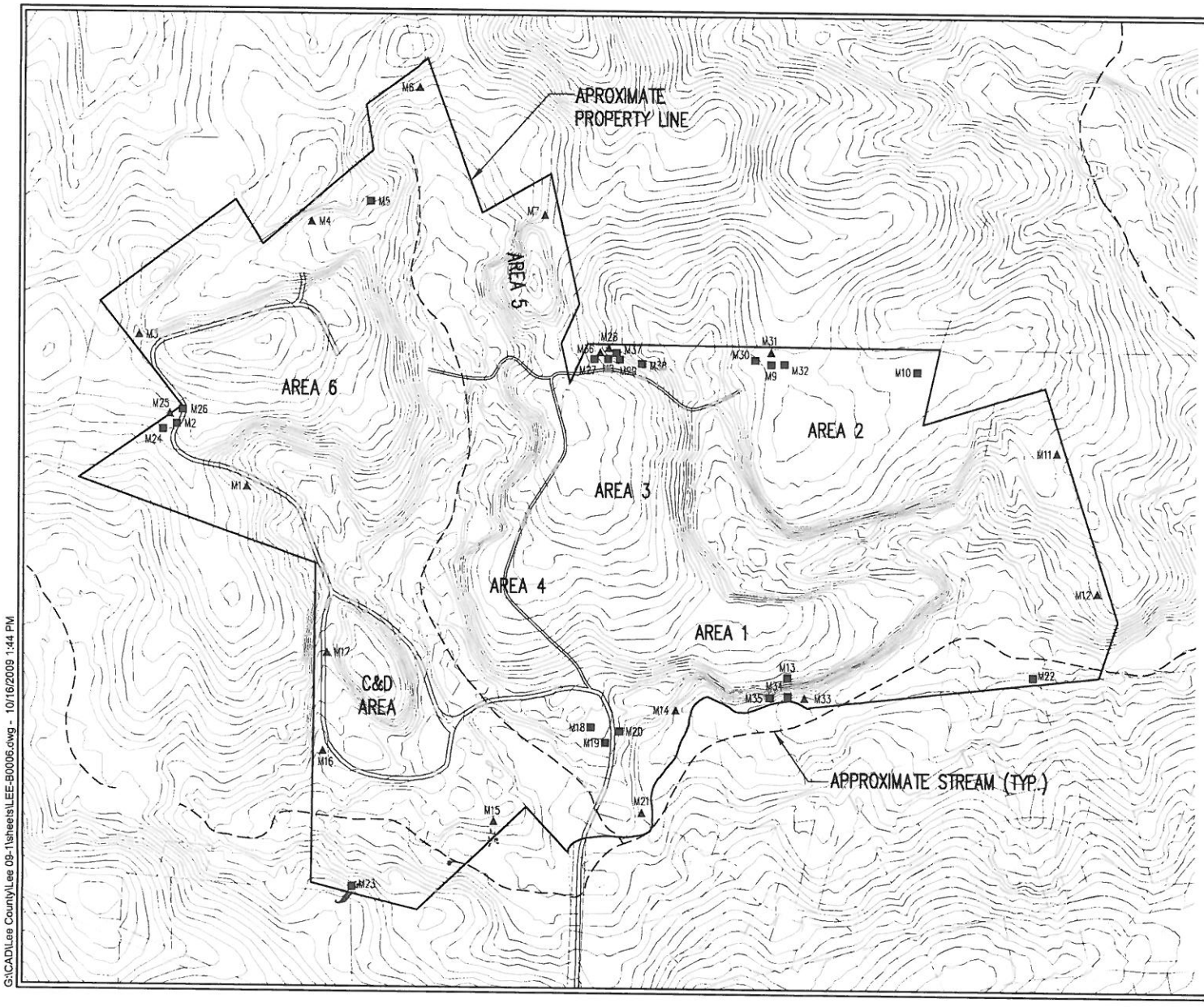

LEGEND

■ EXISTING METHANE MONITORING WELL (LOCATION APPROXIMATE)

▲ EXISTING METHANE MONITORING WELL (PROPOSED FOR FUTURE LFG MONITORING)

REFERENCES

1. TOPOGRAPHY PROVIDED BY NCDOT G.I.S. DEPARTMENT.
2. PARCEL BOUNDARIES FROM LEE COUNTY G.I.S. STRATEGIC SERVICES DEPARTMENT.
3. METHANE MONITORING WELL LOCATIONS FROM METHANE MONITORING STATUS REPORT FROM TERRAQUEST TO MS. JACLYNNE DRUMMOND OF NCDENR DATED 7/27/09.

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DRAWN BY:	CHECKED BY:	SCALE:	FIGURE NO.
C.T.J.	J.A.S.	AS SHOWN	1
DATE:	PROJECT NO.	FILE NAME	
Oct. 2009	LEE 09-1	LEE-B0006	

TITLE:

METHANE PROBE LOCATION MAP
LEE COUNTY LANDFILL
SANFORD, NORTH CAROLINA

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