



**LANCASTER COUNTY
SOLID WASTE MANAGEMENT
AUTHORITY**

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December 11, 2009

Mr. Ed Rawski, P.E.
Pennsylvania Department of Environmental Protection
Bureau of Waste Management
909 Elmerton Avenue
Harrisburg, PA 17110-8200

RE: Frey Farm Landfill; Landfill Gas Monitoring; BWM Permit #101389
4th Quarter 2009 Landfill Gas Report

Dear Mr. Rawski:

In accordance with the Municipal Waste Management Regulations (Section 273.292 - "Gas Control and Monitoring"), the Lancaster County Solid Waste Management Authority (LCSWMA) continues quarterly monitoring of methane gas levels at the perimeter of the above referenced facility.

LCSWMA personnel completed monitoring of sample points along the facility boundaries and in adjacent buildings and structures on December 7, 2009. The results of that monitoring are attached. You will note that methane was detected in seven (7) leachate collection manholes but that no sampled peripheral locations, wells, or buildings were found to contain methane.

We will continue to submit the results from this ongoing quarterly monitoring program. Please feel free to contact if you have any questions or require additional information in any regard.

Sincerely,

Brooks K. Norris
Senior Manager, Technical Services

Attachment

cc: Jim Warner
Bob Zorbaugh
Randy Weiss (PADEP)
cc/att: Jeff Musser
Bob Eshbach
Dave Linton (PaDEP)

FREY FARM METHANE MONITORING PROGRAM
SAMPLE POINT INSPECTION FORM

SAMPLE POINT NUMBER	DESCRIPTION	METHANE LEVEL (as % el)			
		DATE 2/9/09	DATE 6/11/09	DATE 9/28/09	DATE 12/7/09
1	PUMP STATION; AIR SPACE	0	0	0	0
2	PUMP STATION; STRUCTURE INTERIOR	0	0	0	0
3	MANHOLE 1S	3	117	275	6
4,5,6,7	(DELETED)	No Longer Monitored			
8	SEE MAP	0	0	0	0
9	SEE MAP	0	0	0	0
10	SEE MAP	0	0	0	0
11	SEE MAP	0	0	0	0
12	SEE MAP	0	0	0	0
13	SEE MAP	0	0	0	0
14	SEE MAP	0	0	0	0
15	SEE MAP	0	0	0	0
16	SEE MAP	0	0	0	0
17	SEE MAP	0	0	0	0
18	FFLTP; INFLUENT PIPE GALLEY	0	0	0	0
19	MANHOLE 2PB	0	22	30	3
20	MANHOLE 2IA-P	0	0	0	0
21	MANHOLE 2IB-P	0	5	214	329
22	NW CELL 2 (SEE MAP)	0	0	0	0
23	SEE MAP	0	0	0	0
24	SEE MAP	0	0	0	0
25	MANHOLE 3A-S	0	0	395	0
26	MANHOLE 3A-P	0	0	145	8
27	FFMP005W	0	0	0	0
28	FFMP013W	0	0	0	0
29	FFMP016W	0	0	0	0
30	TRUCKWASH DRAIN PIT	0	0	0	0
31	MAINTENANCE BUILDING OFFICE	0	0	0	0
32	MAINTENANCE BUILDING LUNCH ROOM	0	0	0	0
33	MAINTENANCE BUILDING STORAGE AREA	0	0	0	0
34	COMPLIANCE BUILDING LAB	0	0	0	0
35	COMPLIANCE BUILDING OFFICE	0	0	0	0
36	FFLTP EQ. TANKS METER PIT	0	0	0	0
37	CELL 1 CLEANOUT	No Longer Monitored			
38	LASA PUMP STATION STRUCTURE INTERIOR	0	0	0	0
39	LASA PUMP STATION AIR SPACE	0	0	0	0
40	MANHOLE 4S	0	0	3	0
41	MANHOLE 4P	1	6	74	97
42	MANHOLE 5S	0	0	0	0
43	MANHOLE 5P	0	1	528	135
44	MANHOLE 5SW	0	0	0	0
45	MANHOLE 5PB	9	5	304	93
	Atmospheric Pressure	29.71 "	29.18"	28.76"	29.60"
	Air Temperature (Deg. C)	3.8 °C	19.3 °C	18.2 °C	1.9 °C

Revised Date: 11/03 - Added Cell 5 locations