

January 11, 2023

Mr. John Oren, 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 2022 Perimeter %LEL LFG Report

Dear Mr. Oren:

In accordance with the Municipal Waste Management Regulations (§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 boundary and in adjacent buildings and structures on December 12, 2022. The results of that monitoring are attached. No sampled peripheral locations, structures, or landfill gas monitoring probes were found to contain methane. While one (1) manhole internal to the landfill (sampled 12/12/22) was found to contain methane.

Please do not hesitate in contacting me at dbrown@lcswma.org, if you have any questions or concerns.

Respectfully Submitted,

A handwritten signature in black ink that reads "Daniel A. Brown". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Daniel A. Brown
Environmental Compliance Manager

Cc: LCSWMA: Environmental
PA DEP: Randy Weiss

FREY FARM LANDFILL METHANE MONITORING PROGRAM
SAMPLE POINT INSPECTION FORM

SAMPLE POINT NUMBER	DESCRIPTION	METHANE LEVEL (as % LEL)			
		DATE 3/22/22	DATE 6/21/22	DATE 9/23/22	DATE 12/12/22
1	PUMP STATION; AIR SPACE	0	0	0	0
2	PUMP STATION; STRUCTURE INTERIOR	0	0	0	0
3	MANHOLE 1S	0	0	0	0
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	4	12	7	4
20	MANHOLE 2IA-P	0	0	0	0
21	MANHOLE 2IB-P	0	0	0	0
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	0	0
26	MANHOLE 3A-P	0	0	0	0
27	FFMP005W	0	0	0	0
28	FFMP013W ¹	NA	NA	NA	NA
29	FFMP016W ²	NA	NA	NA	NA
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	0	0

¹ FFMP013W Location - Well Abandoned

² FFMP016W Location - Well Abandoned June 2021

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SAMPLE POINT NUMBER	DESCRIPTION	METHANE LEVEL (as % LEL)			
		DATE 3/22/22	DATE 6/21/22	DATE 9/23/22	DATE 12/12/22
41	MANHOLE 4P	0	0	0	0
42	MANHOLE 5S	0	0	0	0
43	MANHOLE 5P	0	0	0	0
44	MANHOLE 5SW ¹	NA	NA	NA	NA
45	MANHOLE 5PB ²	NA	NA	NA	NA
46	MANHOLE 6S	0	0	0	0
47	MANHOLE 6P	0	0	0	0
48	MANHOLE 6-FM	0	0	0	0
49	FFGMP001 ³	NA	NA	NA	NA
50	FFGMP002	0	0	0	0
51	FFGMP003	0	0	0	0
52	FFGMP004	0	0	0	0
53	FFGMP005	0	0	0	0
54	FFGMP006	0	0	0	0
55	FFGMP007	0	0	0	0
56	FFGMP008 ⁴	NA	NA	NA	NA
57	FFGMP01R	0	0	0	0
58	FFGMP02R	0	0	0	0
61	FFGMP08R	0	0	0	0
	Atmospheric Pressure	30.18"	30.16"	30.02"	30.22"
	Air Temperature (Deg. C)	15°C	23°C	18°C	3°C

¹ MANHOLE 5SW Location - removed due to FFVE

² MANHOLE 5PB Location - removed due to FFVE

³ FFGMP001 Location - removed March 2018

⁴ FFGM008 Location - removed April 2018