

July 22, 2019

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

RE: Creswell Landfill; Landfill Gas Monitoring; BWM Permit #10008
2nd Quarter 2019 Perimeter %LEL LFG Report

Dear Mr. Rawski:

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 June 28, 2019. The results of that monitoring are attached. No sampled peripheral locations or structures were found to contain methane. While three (3) landfill gas monitoring probes (sampled 6/28/19) were found to contain methane. All three landfill gas probes previously containing methane were within acceptable methane concentrations by (7/9/19).

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

Respectfully Submitted,



Nick Rogers
FFLF Facility Manager

Attachment

cc: Michelle Marsh
Randy Weiss (PA DEP)
cc/att: Jeff Musser
Jordan Gallagher
Dan Brown

CRESWELL METHANE MONITORING PROGRAM
SAMPLE POINT INSPECTION FORM

SAMPLE POINT NUMBER	DESCRIPTION	METHANE LEVEL (as % LEL)			
		DATE 3/28/19	DATE 6/28/19	DATE	DATE
1 to 15	GP WELLS	not included with this monitoring			
16	CONTROL BUILDING LAB	0	0		
17	CONTROL BUILDING COMPRESSOR ROOM	0	0		
18	CONTROL BUILDING LOCKER ROOM	0	0		
19	NTHW PIT	no longer exists			
20	OTHW PIT	0	0		
21	LTS AERATION PIT AT WEATHER STATION #1	0	0		
22	LTS AERATION PIT AT WEATHER STATION #2	0	0		
23	LTS WIRE TRENCH VENTS 1	0	0		
24	LTS WIRE TRENCH VENTS 2	0	0		
25	LTS WIRE TRENCH VENTS 3	no longer exists			
26	PUMP HOUSE	0	0		
27	PUMP HOUSE WET WELL	0	0		
28	MH #1	0	0		
29	MH #2	0	0		
30	INLET; STREAM R PIPE	0	0		
31	OUTLET; STREAM R PIPE	0	0		
32	UPPER END; RAVINE LEACHATE COLLECTION C.O.	no longer exists			
33	SEE MAP	0	0		
34	SEE MAP	0	0		
35	SEE MAP	0	0		
36	SEE MAP	0	0		
37	SEE MAP	0	0		
38	SEE MAP	0	0		
39	SEE MAP	0	0		
40	SEE MAP	0	0		
41	SEE MAP	0	0		
42	SEE MAP	0	0		
43	SEE MAP	0	0		
44	SEE MAP	0	0		
45	SEE MAP	0	0		
46	SEE MAP	0	0		
47	SEE MAP	0	0		
48	SEE MAP	0	0		
49	SEE MAP	0	0		
50	SEE MAP	0	0		
	Atmospheric Pressure (in. Hg)	29.59"	29.57"		
	Air Temperature (Deg. C)	9.6°C	30.2°C		

Revision Date: June 2011

Revisions: deleted points 62 to 66; added points 81 through 86

CRESWELL METHANE MONITORING PROGRAM
SAMPLE POINT INSPECTION FORM

SAMPLE POINT NUMBER	DESCRIPTION	METHANE LEVEL (as % LEL)			
		DATE 3/28/19	DATE 6/28/19	DATE	DATE
51	LTS DISCHARGE MH #1	0	0		
52	LTS DISCHARGE MH #2	0	0		
53	DRAIN PIPE UNDER RAVINE PHASE II	0	0		
54	OLD SCALE HOUSE PIT	no longer monitored			
55	NEW SCALE HOUSE PIT	no longer exists			
56	LAGOON LINER BALLOON ¹	NA	NA	NA	NA
57	LEACHATE PIPE LOWER END OF RAVINE	capped; no longer monitored			
58	CWOB092W	0	0		
59	CWOB093A	0	0		
60	CWOB093B (aka CWMP016W)	0	0		
61	CWOB080W (formerly CWMP006W)	0	0		
62	CWGMP002; Gas monitoring probe	abandoned for Soil Borrow Project stockpile			
63	CWGMP04A; Gas monitoring probe				
64	CWGMP04B; Gas monitoring probe				
65	CWGMP06A; Gas monitoring probe				
66	CWGMP06B; Gas monitoring probe				
67	CWGMP08A; Gas monitoring probe	0	0		
68	CWGMP08B; Gas monitoring probe	0	0		
69	CWGMP08C; Gas monitoring probe	0	0		
70	CWGMP10A; Gas monitoring probe	0	0		
71	CWGMP10B; Gas monitoring probe	0	0		
72	CWGMP10C; Gas monitoring probe	0	0		
73	CWO100DW	0	0		
74	CWO100SW	0	0		
75	CWGMP12A; Gas Monitoring Probe	0	0		
76	CWGMP12B; Gas Monitoring Probe	0	0		
77	CWGMP13A; Gas Monitoring Probe	0	19.3		
78	CWGMP13B; Gas Monitoring Probe	0	8.1		
79	CWGMP14A; Gas Monitoring Probe	0	1.1		
80	CWGMP14B; Gas Monitoring Probe	0	4.1		
81	CWGMP018; Gas Monitoring Probe	0	0		
82	CWGMP019; Gas Monitoring Probe	0	0		
83	CWGMP020; Gas Monitoring Probe	0	11.1		
84	CWGMP021; Gas Monitoring Probe	0	0		
85	CWGMP022; Gas Monitoring Probe	0	0		
86	CWGMP023; Gas Monitoring Probe	0	0		

¹ Liner was repaired; "NA" indicates point was inspected and balloon has not reoccurred

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page 2 of 2