



Bethel/Danebo

From STRUNK Donald L <don.strunk@lanecountyor.gov>

Date Tue 4/7/2020 3:01 PM

To HANSON Don * DEQ <Don.HANSON@deq.oregon.gov>; 'Eric Tuppan' <eric@tuppanconsultants.com>

 2 attachments (51 KB)

BDMar2020.csv; March2020.docx;

Hi Don,

I have attached the monthly report and gas sampling for Bethel/Danebo. It was a good place to practice physical distancing last week. I am not sure if anyone from the construction company on lot 26 will be around but I plan to check the gas system if they are.

Don Strunk

Supervisor/Engineering Analyst

Lane County Department of Public Works

Waste Management Division

3100 E. 17th Ave.

Eugene, Oregon 97403

Bethel-Danebo Closed Landfill Progress Report

For March 2020

Actions during this month:

- Regular sampling.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum was at 8.4 Soils are saturated with some areas of standing water on the site.
- I was contacted by the builders on lot 26. They have completed the foundation with the gas system and were hoping that next time I was on site I could check the gas levels in the system.
- **Actions scheduled to be taken within the next two months:**
 - Continue sampling schedule.
 - Monitor gas levels on lot 26.

Problems experienced during the month:

- The gas monitor had two automatic shutdowns due to high pump pressures while taking the sample on Probe 06. It was most likely pulling ground water up the probe.

Gas Readings for March 2020

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_14_12; LSGAM:6_0_20160627; {32344684470}		%	%	%	%	%
BLOWEXAU	3/25/2020 12:48	0.4	0.6	19	80	8
Probe001	3/25/2020 12:53	0	13.7	6.6	79.7	0
Probe002	3/25/2020 12:56	5.3	17.9	1.9	74.9	>>>>
Probe003	3/25/2020 13:00	0.3	9.7	8	82	6
Probe004	3/25/2020 13:04	18.2	17.9	2.2	61.7	>>>>
Probe005	3/25/2020 13:07	0	3	16.2	80.8	0
Probe006	3/25/2020 13:11	31.1	9.4	2.9	56.6	>>>>
Probe007	3/25/2020 13:15	0	1.1	17.4	81.5	0
Probe008	3/25/2020 13:19	0	0.2	19.7	80.1	0
Probe009	3/25/2020 13:23	0	0.7	19.3	80	0
Probe010	3/25/2020 13:27	0	9	7.6	83.4	0

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Adj. Power	Baro. Press.	Sys. Press.	Gas Pod Type	Gas Pod Value	CO	H2S	SO2	NO2
e3BTU/h	inches Hg	inches H2O			ppm	ppm		
N/A	29.62	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.62	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.62	N/A	N/A	N/A	1	2	N/A	N/A
N/A	29.63	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.63	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.63	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.63	N/A	N/A	N/A	0	84	N/A	N/A
N/A	29.63	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A

CL2	H2	HCN	Inst-Tech	Latitude	Longitude	Altitude	UTC	SatsUsed
	LMH					ft		
N/A	1	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	10	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	11	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	9	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	14	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	12	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	11	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	10	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	12	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	11	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	11	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

