



Bethel report

From STRUNK Donald L <Donald.Strunk@co.lane.or.us>

Date Wed 5/2/2018 10:37 AM

To READ Norm (norm.read@state.or.us) <norm.read@state.or.us>

Cc Eric J. Tuppan <ejtuppan@easystreet.net>

 2 attachments (27 KB)

BDMarApr2018.docx; BDApril2018.csv;

Hi Norm,

Attached is the monthly Bethel/Danebo report. The GEM is back and functioning fine again. I made contact with the Fire Marshal's office and there is a new Fire Marshal for our area. I am working on arranging a meeting date and giving some history on the site.

*Don Strunk
Supervisor/Technical Specialist
Lane County Department of Public Works
Waste Management Division
3100 E. 17th Ave.
Eugene, Oregon 97403*

Bethel-Danebo Closed Landfill Progress Report

For March/April 2018

Actions during this month:

- Regular sampling.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum is at 9.8. The soils were saturated with standing water in several locations on the site.
- GEM 5000 was repaired and is back in use.

Actions scheduled to be taken within the next two months:

- Continue sampling schedule.
- Scheduled site meeting with DEQ , Fire Marshal and City of Eugene.

Problems experienced during the month:

- Gas Probes 003 and 006 were partially flooded and were not able to get a complete air exchange in the probe before the pump turned off due to over pressure.
- I received several false alarms from the automated telemetry on the blower system. The contract electrician was able to diagnose the problem and repair it.

Readings for April 2018

Device ID	Date/Time	CH4	CO2	O2	Balanc e	%LEL
GEM™5000; G5 V1_14_12; LSGAM:6_0_20160627; {46658576368}		%	%	%	%	%
Probe007	4/17/2018 14:37	0	0.1	20	79.9	0
Probe008	4/17/2018 14:40	0	1	18.9	80.1	0

Probe006	4/17/2018 14:44	12.4	3.9	2.6	81.1	>>>>
Probe009	4/17/2018 14:48	0	0.9	19.1	80	0
Probe005	4/17/2018 14:52	0	2.4	16.9	80.7	0
Probe004	4/17/2018 14:56	42.3	16.8	1.7	39.2	>>>>
Probe003	4/17/2018 14:59	0	0.3	20	79.7	0
Probe002	4/17/2018 15:03	23.8	16.7	3	56.5	>>>>
Probe001	4/17/2018 15:08	0	0.3	19.9	79.8	0
Probe010	4/17/2018 15:12	0	0.8	19	80.2	0
BLOWEXAU	4/17/2018 15:16	0	0.3	19.8	79.9	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	29.9	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.89	N/A	N/A	N/A	1	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	44	N/A	N/A
N/A	29.89	N/A	N/A	N/A	1	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	2	32	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	1	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	9	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	1	0	N/A	N/A
N/A	29.89	N/A	N/A	N/A	0	0	N/A	N/A

