



Bethel/Danebo monthly report

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

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 2 attachments (341 KB)

BDApril2017.docx; BDApril2017.csv;

Hello Norm,

Attached is the monthly report for Bethel/Danebo. It was a really wet month out there but looks like we might start drying out. There were a few incidents this month with the site. Please let me know if you need any additional information.

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Waste Management Division
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Bethel-Danebo Closed Landfill Progress Report

For April 2017

Actions during this month:

- Regular sampling.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum 6.2 / 8.3 the soils are saturated with standing water in several locations on the site.

Actions scheduled to be taken within the next two months:

- Continue sampling schedule.
- Site review.
- Decommission LC15GP01
- Cap vent risers.

Problems experienced during the month:

- The site was still extremely wet and two of the ten probes along the trench were flooded. (Probe 001 and 003) I was able to run the pump for a short amount of time on the flooded probes but not long enough to get a reliable sample. I recorded what was there when the pump shut down.
- There was standing water pulled in a large portion of the southern part of the site. Surface mount wells were flooded in the casings.
- One of the passive vent risers on the southern side of the trench had the valve completely open. This reduced vacuum in the trench significantly and could have contributed to higher readings? I am not sure how long the valve was open. We might consider cutting the valves out and capping the risers. It is unlikely that we will passively vent the trench any time in the near future. Picture attached.
- LC15GP01 was hit with a bulldozer by a EWEB landscape crew falling trees and clearing brush in the area. They also took out a waterline and irrigation. I believe the probe is compromised and should be decommissioned. Picture attached.

Readings for March 2017

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_13_7;		%	%	%	%	%
LSGAM:6_0_20160627;						
{19280509958}						
Probe001	5/2/2017 13:27	0	0.5	20.4	79.1	0
Probe002	5/2/2017 13:31	57	16.5	1.4	25.1 >>>>	
Probe003	5/2/2017 13:34	0	0.2	20.4	79.4	0
Probe004	5/2/2017 13:39	33.3	16.7	1.4	48.6 >>>>	
Probe005	5/2/2017 13:43	0	2.8	17.2	80	0
Probe006	5/2/2017 13:47	28.7	7.8	2.1	61.4 >>>>	
Probe007	5/2/2017 13:51	0	0.2	19.9	79.9	0
Probe008	5/2/2017 13:56	0	2.6	16.3	81.1	0
Probe009	5/2/2017 14:01	0	1.2	18.1	80.7	0
Probe010	5/2/2017 14:06	0.6	6.6	3.9	88.9	12
BLOWEXA	5/2/2017 14:12	0.1	0.4	20	79.5	2
LP00EV47	5/2/2017 14:21	0	0	20.3	79.7	0
LP00SD10	5/2/2017 14:27	0.3	0.2	20.1	79.4	6
LP00SD12	5/2/2017 14:31	0	0.1	20.2	79.7	0
LP00EV45	5/2/2017 14:34	0	0.1	20.2	79.7	0
LP00EV43	5/2/2017 14:39	0	0.2	20.3	79.5	0
LP00EV41	5/2/2017 14:45	0	0.1	20.5	79.4	0





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Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance
GEM™5000; G5 V1_13_7; LSGAM:6_0_20160627; {19280509958}		%	%	%	%
Probe001	5/2/2017 13:27	0	0.5	20.4	79.1
Probe002	5/2/2017 13:31	57	16.5	1.4	25.099999 99999999 4
Probe003	5/2/2017 13:34	0	0.2	20.4	79.4
Probe004	5/2/2017 13:39	33.3	16.7	1.4	48.6
Probe005	5/2/2017 13:43	0	2.8	17.2	80
Probe006	5/2/2017 13:47	28.7	7.8	2.1	61.4
Probe007	5/2/2017 13:51	0	0.2	19.9	79.9
Probe008	5/2/2017 13:56	0	2.6	16.3	81.1
Probe009	5/2/2017 14:01	0	1.2	18.1	80.7
Probe010	5/2/2017 14:06	0.6	6.6	3.9	88.9
BLOWEXAU	5/2/2017 14:12	0.1	0.4	20	79.5
LP00EV47	5/2/2017 14:21	0	0	20.3	79.7
LP00SD10	5/2/2017 14:27	0.3	0.2	20.1	79.4
LP00SD12	5/2/2017 14:31	0	0.1	20.2	79.7
LP00EV45	5/2/2017 14:34	0	0.1	20.2	79.7
LP00EV43	5/2/2017 14:39	0	0.2	20.3	79.5
LP00EV41	5/2/2017 14:45	0	0.1	20.5	79.4

Init. Power	Adj. Power	Baro. Press.	Sys. Press.	Gas Pod Type	Gas Pod Value	CO	H2S	SO2
e3BTU/h	e3BTU/h	inches Hg	inches H2O			ppm	ppm	
N/A	N/A	29.74	N/A	N/A	N/A	1	0	N/A
N/A	N/A	29.74	N/A	N/A	N/A	2	33	N/A
N/A	N/A	29.75	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.74	N/A	N/A	N/A	1	14	N/A
N/A	N/A	29.75	N/A	N/A	N/A	1	0	N/A
N/A	N/A	29.75	N/A	N/A	N/A	0	114	N/A
N/A	N/A	29.76	N/A	N/A	N/A	1	0	N/A
N/A	N/A	29.76	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.77	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.77	N/A	N/A	N/A	0	12	N/A
N/A	N/A	29.78	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.78	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.78	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.78	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.79	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.79	N/A	N/A	N/A	0	0	N/A
N/A	N/A	29.79	N/A	N/A	N/A	0	0	N/A

NO2	CL2	H2	HCN	Inst-Tech	Latitude	Longitude	Altitude	UTC
		LMH					ft	
N/A	N/A	0	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	0	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	0	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	4	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	1	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	10	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	19	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	17	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	23	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	25	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	31	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	35	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	34	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	40	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	43	N/A	N/A_	N/A	N/A	N/A	N/A
N/A	N/A	48	N/A	N/A_	N/A	N/A	N/A	N/A

Rel. Press.	Site Chosen	Comments	Answers	Site Answers	REL.PRES SURE2
inches H2O					inches H2O
0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0.02	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0.02	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.03	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
-0.05	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0	,,,,,,,,	,,,,,,,,	,,	,,,	N/A
0.01	,,,,,,,,	,,,,,,,,	,,	,,,	N/A