

# Bethel-Danebo Closed Landfill Progress Report

## For December 2017

### Actions during this month:

- Regular sampling.
- Blower has run continually without issue since June the 25<sup>th</sup> 2015.
- The blower vacuum 10.2.
- Rain fall has been moderate but the soil remains saturated.

### Actions scheduled to be taken within the next two months:

- Continue sampling. All possible sample points will be attempted in January.
- Finalize site review and monitoring with D.E.Q.
- Work on establishing long term site protection.
- GEM 5000 to be sent in for annual factory inspection and calibration.

### Problems experienced during the month:

- This is again a problem. Condensation started to build up inside the blower container. Problem was addressed with a de-humidifier and air dryer containers.
- Probes 003 and 006 were partially flooded, causing the monitor to turn off with an over vacuum alarm before a complete air volume purge was done. A reading was recorded where the pump shut down but I believe it is artificially high.

### Readings for November 2017

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_13_7; LSGAM:6_0_20160627; {22161783307}						
		%	%	%	%	%
Probe010	12/21/2017 16:46	0.1	3.4	13	83.5	2
Probe001	12/21/2017 16:52	0	0.3	21.2	78.5	0

Probe002	12/21/2017 16:56	2.7	17.8	4.7	74.8	54
Probe003	12/21/2017 16:58	0	0.6	21.3	78.1	0
Probe004	12/21/2017 17:02	16.3	17.8	0.4	65.5	>>>>
BLOWEXAU	12/21/2017 17:05	0.7	0.7	21.2	77.4	14
Probe005	12/21/2017 17:09	0	1.9	17.2	80.9	0
Probe006	12/21/2017 17:12	22.9	4.3	3.1	69.7	>>>>
Probe007	12/21/2017 17:15	0	0.7	20.8	78.5	0
Probe008	12/21/2017 17:18	0	1.3	20.5	78.2	0
Probe009	12/21/2017 17:23	0	0.8	21.5	77.7	0

Don Strunk

Lane County Waste Management

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Probe010	12/21/2017 16:46	0.1	3.4	13	83.5	2
Probe001	12/21/2017 16:52	0	0.3	21.2	78.5	0
Probe002	12/21/2017 16:56	2.7	17.8	4.7	74.8	54
Probe003	12/21/2017 16:58	0	0.6	21.3	78.1	0
Probe004	12/21/2017 17:02	16.3	17.8	0.4	65.5	>>>>
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Probe005	12/21/2017 17:09	0	1.9	17.2	80.9	0
Probe006	12/21/2017 17:12	22.9	4.3	3.1	69.7	>>>>
Probe007	12/21/2017 17:15	0	0.7	20.8	78.5	0
Probe008	12/21/2017 17:18	0	1.3	20.5	78.2	0
Probe009	12/21/2017 17:23	0	0.8	21.5	77.7	0



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	29.91	N/A	N/A	N/A	0	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	0	0	N/A	N/A
N/A	29.91	N/A	N/A	N/A	1	15	N/A	N/A
N/A	29.91	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.9	N/A	N/A	N/A	0	37	N/A	N/A
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	0	0	N/A	N/A
N/A	29.89	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	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	2	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	2	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	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	2	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	2	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





