

Bethel-Danebo Closed Landfill Progress Report

For December 2015

Actions during this month:

- Gas sampling at trench probes and new wells.
- Blower has run continually without issue since June the 25th.
- Methane numbers have remained consistent over the last month.
- The blower vacuum has been consistent around 8.0 since the soils have been saturated.

• **Actions scheduled to be taken within the next two months:**

- Continue sampling schedule.
- De-water probes with casings that terminate at the ground surface and test.
- Cover the surface probes with rubber mats to determine if the water infiltration is internal or external.



Problems experienced during the month:

- All of the new probes with casings that terminate at the ground surface were completely flooded. Despite the addition of new thicker gaskets and nylon washers on the bolts.



Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20140529; {67320707072}		%	%	%	%	%
Probe001	12/30/2015 22:13	0.2	1.3	20.1	78.4	4
probe002	12/30/2015 22:17	2.4	7.2	2.9	87.5	48
Probe003	12/30/2015 22:20	0	0.8	20.7	78.5	0
Probe004	12/30/2015 22:25	8.1	26.7	2	63.2	162
Probe005	12/30/2015 22:29	0	2.2	17.3	80.5	0

Probe006	12/30/2015 22:33	10.4	5.7	1.9	82	208
Probe007	12/30/2015 22:38	0	2.5	20.7	76.8	0
Probe008	12/30/2015 22:42	0.9	0.6	19.6	78.9	18
LP08VPL8	12/30/2015 22:45	0	1.5	19.8	78.7	0
LP07VPL7	12/30/2015 22:48	0	0.2	20.6	79.2	0
Probe009	12/30/2015 22:52	0	1.2	14	84.8	0
Probe010	12/30/2015 22:57	0	0.2	20	79.8	0
LP00EV47	12/30/2015 23:02	0	0.1	21	78.9	0
LP00SD05	12/30/2015 23:08	0	0.1	21.1	78.8	0
LP00EV37	12/30/2015 23:13	0	0.2	21	78.8	0
LP00EV39	12/30/2015 23:28	0	0.1	20.8	79.1	0
LP00SD03	12/30/2015 23:32	0	0.2	20.7	79.1	0
LP00EV41	12/30/2015 23:36	0	0.1	20.8	79.1	0
LP00EV43	12/30/2015 23:40	0	0.1	20.9	79	0
LP00EV45	12/30/2015 23:44	0	0.1	20.9	79	0
LP00SD12	12/30/2015 23:47	0	0.1	20.9	79	0
LP00SD10	12/30/2015 23:51	0	0.1	20.9	79	0
Oregonfuelinjection1	12/31/2015 0:00	0	0.6	20.4	79	0
Oregonfuelinjection2	12/31/2015 0:05	0	0.9	19.8	79.3	0

Don Strunk
Supervisor/Technical Specialist
Lane County Waste Management Division

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Adj. Power	Baro. Press.	Sys. Press.	Gas Pod Type	Gas Pod Value	CO	H2S	SO2	NO2
BTU	inches Hg	inches H2O			ppm	ppm		
N/A	30.02	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	0	24	N/A	N/A
N/A	30.02	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	6	N/A	N/A
N/A	30.03	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	0	10	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.01	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.01	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.03	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.02	N/A	N/A	N/A	1	0	N/A	N/A
N/A	30.01	N/A	N/A	N/A	0	0	N/A	N/A
N/A	30.02	-0.01	N/A	N/A	1	0	N/A	N/A
0	30.01	-0.01	N/A	N/A	2	0	N/A	N/A

Wind-Speed	Wind-Direction	Anemometer Vel.	PeakCH4	PeakCO2	Anemometer Flow	MinO2	Temp. GA Mode	Rel. Press.
		m/s	%	%	m3/hr	%	DegF	inches H2O
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0.04
0		N/A	N/A	N/A	N/A	N/A	N/A	0.01
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.02
0		N/A	N/A	N/A	N/A	N/A	N/A	0.01
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.02
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.02
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0.01
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.02
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.05
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.03
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	0
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.01
0		N/A	N/A	N/A	N/A	N/A	N/A	-0.02
0		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

