

Bethel-Danebo Closed Landfill Progress Report

For July 2016

Actions during this month:

- Gas sampling at trench probes and the gas collection system.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum is at 7.9. The soils have received a little precipitation.
- Blower exhaust was sampled for methane (BLOWEXAU)
- Method for ground water extraction from wells was tested and confirmed capable.

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

- Continue sampling schedule.
- Water samples to be taken from designated wells and probe.

• **Problems experienced during the month:**

- The property where probes 7 and 8 are located was locked and inaccessible for sampling.
- I had software problems with a program expiration and communication with the Gem. I was able to extract the information and convert it to PDF. I was unable to paste the data here where I usually do but it is attached to the email as a PDF.

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Supervisor/Technical Specialist
Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Init. Static I	Adj. Static I
GEM™5000; G5 V1_11_16; LSC%		%	%	%	%	%	inches H2O	inches H2O
Probe001	8/8/2016 9:23	0	4.9	18.9	76.2	0	N/A	N/A
Probe002	8/8/2016 9:27	0.2	2.1	21.8	75.9	4	N/A	N/A
Probe003	8/8/2016 9:31	0	7.6	16.4	76	0	N/A	N/A
Probe004	8/8/2016 9:35	0	9.6	13.2	77.2	0	N/A	N/A
Probe005	8/8/2016 9:39	0	3.3	19.4	77.3	0	N/A	N/A
Probe006	8/8/2016 9:43	0.2	8.2	15	76.6	4	N/A	N/A
LP26GP05	8/24/2016 13:51	0	0.6	19.3	80.1	0	N/A	N/A
LP25MP07	8/24/2016 13:58	0	3	16.9	80.1	0	N/A	N/A
LC14-GP8	8/24/2016 14:20	0.7	23.8	0.1	75.4	14	N/A	N/A
LP23MP08	8/24/2016 14:35	65.2	20.8	1.7	12.3 >>>>		N/A	N/A
LP19MP12	8/24/2016 14:54	0	6.7	14.1	79.2	0	N/A	N/A
LP17MP01	8/24/2016 15:01	0	10.3	7.6	82.1	0	N/A	N/A
LC14-GP2	8/24/2016 15:15	5.9	25.2	0	68.9 >>>>		N/A	N/A
LP00SD03	8/24/2016 15:23	0	0.1	19.7	80.2	0	N/A	N/A
LC14-GP4	8/24/2016 15:26	63.2	32.3	0	4.5 >>>>		N/A	N/A
LC14-GP6	8/24/2016 15:33	0	3.9	14.5	81.6	0	N/A	N/A
BLOWEXAL	8/24/2016 15:53	0	0.2	18.5	81.3	0	N/A	N/A
Probe001	8/24/2016 15:59	15.2	19.3	0.4	65.1 >>>>		N/A	N/A
Probe002	8/24/2016 16:03	20.9	23.9	0	55.2 >>>>		N/A	N/A
Probe003	8/24/2016 16:07	0	7.6	12.2	80.2	0	N/A	N/A
Probe004	8/24/2016 16:10	0	11.6	5.6	82.8	0	N/A	N/A
Probe005	8/24/2016 16:14	0	4.9	13.6	81.5	0	N/A	N/A
Probe006	8/24/2016 16:17	0.4	16.5	0.5	82.6	8	N/A	N/A
Probe009	8/24/2016 16:26	0	4.5	10.4	85.1	0	N/A	N/A
Probe010	8/24/2016 16:30	0	10.3	8.9	80.8	0	N/A	N/A
LP25GP26	8/24/2016 16:37	2.5	22.8	0.3	74.4	50	N/A	N/A

Sys. Press. inches H2O	Gas Pod Ty	Gas Pod Va	CO ppm	H2S ppm	SO2	NO2	CL2	H2 LMH
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	0
N/A	N/A	N/A		0	0	N/A	N/A	3
N/A	N/A	N/A		0	0	N/A	N/A	9
N/A	N/A	N/A		0	2	N/A	N/A	28
N/A	N/A	N/A		0	17	N/A	N/A	33
N/A	N/A	N/A		0	0	N/A	N/A	26
N/A	N/A	N/A		0	0	N/A	N/A	21
N/A	N/A	N/A		2	27	N/A	N/A	61
N/A	N/A	N/A		1	0	N/A	N/A	21
N/A	N/A	N/A		1	14	N/A	N/A	31
N/A	N/A	N/A		0	0	N/A	N/A	25
N/A	N/A	N/A		0	0	N/A	N/A	23
N/A	N/A	N/A		1	0	N/A	N/A	30
N/A	N/A	N/A		0	0	N/A	N/A	63
N/A	N/A	N/A		0	0	N/A	N/A	37
N/A	N/A	N/A		0	0	N/A	N/A	33
N/A	N/A	N/A		0	0	N/A	N/A	29
N/A	N/A	N/A		0	0	N/A	N/A	33
N/A	N/A	N/A		0	0	N/A	N/A	30
N/A	N/A	N/A		0	0	N/A	N/A	32
N/A	N/A	N/A		0	0	N/A	N/A	32

Anemomet	PeakCH4	PeakCO2	Anemomet	MinO2	Temp. GA	Rel. Press.	Site Choser	Comments
m/s	%	%	m3/hr	%	DegF	inches H2O		
N/A	N/A	N/A	N/A	N/A	N/A	0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.04	,,,,,,	,,,,,,
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	0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	0.02	,,,,,,	,,,,,,
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	0	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	0.01	,,,,,,	,,,,,,
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	0	,,,,,,	,,,,,,
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	0.02	,,,,,,	,,,,,,
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	0.02	,,,,,,	,,,,,,
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	-0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	0.01	,,,,,,	,,,,,,
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	0	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.01	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.02	,,,,,,	,,,,,,
N/A	N/A	N/A	N/A	N/A	N/A	-0.01	,,,,,,	,,,,,,

