

Bethel-Danebo Closed Landfill Progress Report

For October 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 again fallen near the trench.
- The recent rainfall has increased blower vacuum to 8.0 from a low of 6.0 before the start of the wet season.

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

- Continue sampling schedule as methane numbers near the trench have continued to fall over the last month of sampling.
- Continue to evaluate methane percentages and vacuum near the trench as rains fall and the clay cover hydrates to determine if adjustments are needed with the blower.
- Schedule meeting with County and D.E.Q. to talk about technical memorandum, monitoring results and continued sampling.

Problems experienced during the month:

- Site was quite during the last month.

Device ID	Date/Time	CH4	CO2	O2	Balanc e	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20140529; {88970732978}		%	%	%	%	%
Probe001	10/29/2015 1:16	0	6	14.3	79.7	0
probe002	10/29/2015 1:21	0.2	4.6	15.8	79.4	4
Probe003	10/29/2015 1:25	0	3.6	16.8	79.6	0
Probe004	10/29/2015 1:30	0	8.2	11.2	80.6	0
LP06VPL6	10/29/2015 1:33	0	0.7	20	79.3	0
Probe005	10/29/2015 1:37	0	5.5	14.2	80.3	0
LP07VPL7	10/29/2015 1:41	0	0.9	20.1	79	0
Probe006	10/29/2015 1:44	0	3.6	16.4	80	0
Probe007	10/29/2015 1:48	0	0.3	21	78.7	0
Probe008	10/29/2015 1:52	2.2	9.6	11.7	76.5	44
LP08VPL8	10/29/2015 1:56	0	3.1	17.7	79.2	0

Probe009	10/29/2015 2:01	0	2.1	13.7	84.2	0
Probe010	10/29/2015 2:06	0	8.2	14.6	77.2	0
LC14-07s	10/29/2015 2:15	20.2	22.4	0	57.4	404
LC14-07d	10/29/2015 2:18	1.1	3.1	17.9	77.9	22
LC14-GP8	10/29/2015 2:36	0.4	22.7	3.3	73.6	8
LC14-GP9	10/29/2015 2:40	0	14.9	6.2	78.9	0
LC14GP10	10/29/2015 2:54	2.5	18.2	0.3	79	50
LC14-GP2	10/29/2015 3:13	9.7	26.5	0	63.8	194
LC14-GP4	10/29/2015 3:22	57.5	38.6	0	3.9	1150
LC14-GP6	10/29/2015 3:29	0	7.3	12.4	80.3	0
LC14-GP1	10/29/2015 3:47	0	3.9	18	78.1	0
LC14-GP3	10/29/2015 3:51	0	1.5	17.6	80.9	0
LC14-GP5	10/29/2015 3:56	0	4	17.4	78.6	0

Don Strunk
Supervisor/Technical Specialist
Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Init. Static Press.
GEM™5000; G5 V1_11_16; LSGAM:6_0_201405 29; {88970732978}		%	%	%	%	%	inches H2O
Probe001	10/29/2015 1:16	0	6	14.3	79.7	0	N/A
probe002	10/29/2015 1:21	0.2	4.6	15.8	79.4	4	N/A
Probe003	10/29/2015 1:25	0	3.6	16.8	79.6	0	N/A
Probe004	10/29/2015 1:30	0	8.2	11.2	80.6	0	N/A
LP06VPL6	10/29/2015 1:33	0	0.7	20	79.3	0	N/A
Probe005	10/29/2015 1:37	0	5.5	14.2	80.3	0	N/A
LP07VPL7	10/29/2015 1:41	0	0.9	20.1	79	0	N/A
Probe006	10/29/2015 1:44	0	3.6	16.4	80	0	N/A
Probe007	10/29/2015 1:48	0	0.3	21	78.7	0	N/A
Probe008	10/29/2015 1:52	2.2	9.6	11.7	76.5	44	N/A
LP08VPL8	10/29/2015 1:56	0	3.1	17.7	79.2	0	N/A
Probe009	10/29/2015 2:01	0	2.1	13.7	84.2	0	N/A
Probe010	10/29/2015 2:06	0	8.2	14.6	77.2	0	N/A
LC14-07s	10/29/2015 2:15	20.2	22.4	0	57.4	404	N/A
LC14-07d	10/29/2015 2:18	1.1	3.1	17.9	77.9	22	N/A
LC14-GP8	10/29/2015 2:36	0.4	22.7	3.3	73.6	8	N/A
LC14-GP9	10/29/2015 2:40	0	14.9	6.2	78.9	0	N/A
LC14GP10	10/29/2015 2:54	2.5	18.2	0.3	79	50	N/A
LC14-GP2	10/29/2015 3:13	9.7	26.5	0	63.8	194	N/A
LC14-GP4	10/29/2015 3:22	57.5	38.6	0	3.9	1150	N/A
LC14-GP6	10/29/2015 3:29	0	7.3	12.4	80.3	0	N/A
LC14-GP1	10/29/2015 3:47	0	3.9	18	78.1	0	N/A
LC14-GP3	10/29/2015 3:51	0	1.5	17.6	80.9	0	N/A
LC14-GP5	10/29/2015 3:56	0	4	17.4	78.6	0	N/A

Baro. Press.	Sys. Press.	Gas Pod Type	Gas Pod Value	CO	H2S	SO2	NO2	CL2
inches Hg	inches H2O			ppm	ppm			
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
29.75	N/A	N/A	N/A	0	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	0	N/A	N/A	N/A
29.78	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
29.78	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	0	N/A	N/A	N/A
29.77	N/A	N/A	N/A	0	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	1	0	N/A	N/A	N/A
29.76	N/A	N/A	N/A	2	0	N/A	N/A	N/A
29.76	N/A	N/A	N/A	0	0	N/A	N/A	N/A
29.75	N/A	N/A	N/A	0	0	N/A	N/A	N/A
29.75	N/A	N/A	N/A	1	0	N/A	N/A	N/A
29.76	N/A	N/A	N/A	1	16	N/A	N/A	N/A
29.75	N/A	N/A	N/A	2	19	N/A	N/A	N/A
29.75	N/A	N/A	N/A	0	0	N/A	N/A	N/A
29.75	N/A	N/A	N/A	1	0	N/A	N/A	N/A
29.74	N/A	N/A	N/A	0	0	N/A	N/A	N/A
29.74	N/A	N/A	N/A	1	0	N/A	N/A	N/A

Wind-Direction	Anemometer Vel.	PeakCH4	PeakCO2	Anemometer Flow	MinO2	Temp. GA Mode	Rel. Press.	Site Chosen
	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	-0.01	,,,,,,
	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	0.01	,,,,,,
	N/A	N/A	N/A	N/A	N/A	N/A	-0.16	,,,,,,
	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	,,,,,,
	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	0.02	,,,,,,
	N/A	N/A	N/A	N/A	N/A	N/A	0.03	,,,,,,
	N/A	N/A	N/A	N/A	N/A	N/A	-0.03	,,,,,,
	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	0.02	,,,,,,
	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	,,,,,,
	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	,,,,,,

