

Bethel-Danebo Closed Landfill Progress Report

For July 2015

Actions during this month:

- Gas sampling at trench probes, nearby old lane Plywood probes, buildings, new wells and street utilities.
- Faux Security camera was placed on blower container in an attempt to deter vandalism.
- Blower has run continually without issue since June the 25th.

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

- Continue a more frequent sampling schedule as methane numbers near the trench have fallen over the last month of sampling.
- Evaluate methane percentages near the trench for at least the next to determine if adjustments are needed with the blower.
- Continue with work plan.

Problems experienced during the month:

- Probe LC14-05 was buried by a contractor working for the local utility that owns the property the probe is located on. The contractor had to be called back to clear access to the probe. Probes LC14-09 and probe LC14-10 are located in an area that ODOT had scraped and brush mowed in an attempt to make the location less desirable for in habitation by the homeless. This made the probes very difficult to locate. The probes were not damaged in the renovation. I do not trust the integrity of LP04GP19. It did not appear to be damaged but the oxygen reading was very high for an intact probe.

Monitoring Data

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
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GEM™5000; G5 V1_11_16; LSGAM:6_0_20140529;
 {125016392026}

		%	%	%	%	%
Probe004	7/21/2015 4:28	2.5	18.3	2.1	77.1	50
Probe001	7/21/2015 4:33	19	19.8	0.9	60.3	>>>>
probe002	7/21/2015 4:37	26.4	25.1	0	48.5	>>>>
Probe010	7/21/2015 4:41	0	11.8	9.3	78.9	0
Probe001	7/27/2015 23:48	5.7	10.1	9.9	74.3	>>>>
probe002	7/27/2015 23:52	23.3	22.6	0	54.1	>>>>
Probe003	7/27/2015 23:57	0.7	11.5	8.9	78.9	14
Probe004	7/28/2015 0:01	0	11.8	10.2	78	0
Probe005	7/28/2015 0:52	0	4.2	15.5	80.3	0
LP07VPL7	7/28/2015 0:56	0	0.4	20	79.6	0
Probe006	7/28/2015 1:00	1.2	5.1	15.4	78.3	24
Probe007	7/28/2015 1:05	0	5.7	15.3	79	0
Probe008	7/28/2015 1:09	0.3	8.1	12.8	78.8	6
LP08VPL8	7/28/2015 1:12	0	2.5	18	79.5	0
Probe009	7/28/2015 1:17	0	4.6	7.4	88	0
Probe010	7/28/2015 1:22	0	12.9	7.9	79.2	0
LP25GP26	7/28/2015 1:30	1.2	20.8	2.1	75.9	24
LC14-07s	7/28/2015 1:37	27.8	23.6	0	48.6	>>>>
LC14-07d	7/28/2015 1:39	3.9	3.1	16.3	76.7	78
LP26GP25	7/28/2015 1:46	0	19.9	1.1	79	0
LC14-GP8	7/28/2015 1:53	0.2	22.9	0	76.9	4
LC14-GP2	7/29/2015 1:42	6.4	26.1	0	67.5	>>>>
LC14-GP4	7/29/2015 1:54	63.9	31.8	0	4.3	>>>>

LP00SD03	7/29/2015 2:02	0	0.1	18.8	81.1	0
LP00EV39	7/29/2015 2:06	0	0.1	18.9	81	0
LP00EV37	7/29/2015 2:10	0	0.1	19	80.9	0
LC14-GP6	7/29/2015 2:15	0	2.9	15.3	81.8	0
LC14-GP1	7/29/2015 20:35	0	9.6	14	76.4	0
LC14-GP3	7/29/2015 20:46	0	1	18.2	80.8	0
LP00SD12	7/29/2015 21:29	0.3	0.5	20	79.2	6
LP00EV45	7/29/2015 21:33	0	0.1	20.4	79.5	0
LP00SD10	7/29/2015 21:38	0.1	0.3	20.2	79.4	2
well0290	7/29/2015 21:42	41.8	27.1	6.1	25	>>>>
LP00EV43	7/29/2015 21:46	0	0.1	20.2	79.7	0
LP00EV41	7/29/2015 21:52	0	0.2	20	79.8	0
LP06VPL6	7/29/2015 22:00	0	0.6	19.2	80.2	0
Blower exhaust	7/29/2015 22:06	0	0.5	19.5	80	0
LC14-GP9	8/3/2015 1:54	0	14.8	7.4	77.8	0
LC14GP10	8/3/2015 2:00	36.5	26.7	0	36.8	>>>>
LC14-GP5	8/3/2015 2:29	0	8.8	4.2	87	0
LP04GP19	8/6/2015 3:29	0	0.1	20.4	79.5	0
LP04GP18	8/6/2015 3:35	0	17.4	4	78.6	0

Don Strunk
Supervisor/Technical Specialist
Lane County Waste Management Division

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Probe004	7/21/2015 4:28	2.5	18.3	2.1	77.1	50
Probe001	7/21/2015 4:33	19	19.8	0.9	60.3 >>>>	
probe002	7/21/2015 4:37	26.4	25.1	0	48.5 >>>>	
Probe010	7/21/2015 4:41	0	11.8	9.3	78.9	0
Probe001	7/27/2015 23:48	5.7	10.1	9.9	74.3 >>>>	
probe002	7/27/2015 23:52	23.3	22.6	0	54.1 >>>>	
Probe003	7/27/2015 23:57	0.7	11.5	8.9	78.9	14
Probe004	7/28/2015 0:01	0	11.8	10.2	78	0
Probe005	7/28/2015 0:52	0	4.2	15.5	80.3	0
LP07VPL7	7/28/2015 0:56	0	0.4	20	79.6	0
Probe006	7/28/2015 1:00	1.2	5.1	15.4	78.3	24
Probe007	7/28/2015 1:05	0	5.7	15.3	79	0
Probe008	7/28/2015 1:09	0.3	8.1	12.8	78.8	6
LP08VPL8	7/28/2015 1:12	0	2.5	18	79.5	0
Probe009	7/28/2015 1:17	0	4.6	7.4	88	0
Probe010	7/28/2015 1:22	0	12.9	7.9	79.2	0
LP25GP26	7/28/2015 1:30	1.2	20.8	2.1	75.9	24
LC14-07s	7/28/2015 1:37	27.8	23.6	0	48.6 >>>>	
LC14-07d	7/28/2015 1:39	3.9	3.1	16.3	76.7	78
LP26GP25	7/28/2015 1:46	0	19.9	1.1	79	0
LC14-GP8	7/28/2015 1:53	0.2	22.9	0	76.9	4
LC14-GP2	7/29/2015 1:42	6.4	26.1	0	67.5 >>>>	
LC14-GP4	7/29/2015 1:54	63.9	31.8	0	4.3 >>>>	
LP00SD03	7/29/2015 2:02	0	0.1	18.8	81.1	0
LP00EV39	7/29/2015 2:06	0	0.1	18.9	81	0
LP00EV37	7/29/2015 2:10	0	0.1	19	80.9	0
LC14-GP6	7/29/2015 2:15	0	2.9	15.3	81.8	0
LC14-GP1	7/29/2015 20:35	0	9.6	14	76.4	0
LC14-GP3	7/29/2015 20:46	0	1	18.2	80.8	0
LP00SD12	7/29/2015 21:29	0.3	0.5	20	79.2	6
LP00EV45	7/29/2015 21:33	0	0.1	20.4	79.5	0
LP00SD10	7/29/2015 21:38	0.1	0.3	20.2	79.4	2
well0290	7/29/2015 21:42	41.8	27.1	6.1	25 >>>>	
LP00EV43	7/29/2015 21:46	0	0.1	20.2	79.7	0
LP00EV41	7/29/2015 21:52	0	0.2	20	79.8	0
LP06VPL6	7/29/2015 22:00	0	0.6	19.2	80.2	0
Blower exh:	7/29/2015 22:06	0	0.5	19.5	80	0
LC14-GP9	8/3/2015 1:54	0	14.8	7.4	77.8	0
LC14GP10	8/3/2015 2:00	36.5	26.7	0	36.8 >>>>	
LC14-GP5	8/3/2015 2:29	0	8.8	4.2	87	0
LP04GP19	8/6/2015 3:29	0	0.1	20.4	79.5	0
LP04GP18	8/6/2015 3:35	0	17.4	4	78.6	0

Adj. Power BTU	Baro. Press inches Hg	Sys. Press. inches H2O	Gas Pod Ty	Gas Pod Va	CO ppm	H2S ppm	SO2	NO2
N/A	29.51	N/A	N/A	N/A	N/A	1	0 N/A	N/A
N/A	29.52	N/A	N/A	N/A	N/A	1	1 N/A	N/A
N/A	29.51	N/A	N/A	N/A	N/A	1	5 N/A	N/A
N/A	29.52	N/A	N/A	N/A	N/A	1	0 N/A	N/A
N/A	29.79	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.8	N/A	N/A	N/A	N/A	0	1 N/A	N/A
N/A	29.79	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.79	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.78	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.78	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.78	N/A	N/A	N/A	N/A	0	2 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	1	0 N/A	N/A
N/A	29.78	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.78	N/A	N/A	N/A	N/A	4	1 N/A	N/A
N/A	29.77	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.76	N/A	N/A	N/A	N/A	0	1 N/A	N/A
N/A	29.63	N/A	N/A	N/A	N/A	0	11 N/A	N/A
N/A	29.63	N/A	N/A	N/A	N/A	1	5 N/A	N/A
N/A	29.63	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.63	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.64	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.63	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	1	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	1	0 N/A	N/A
N/A	29.64	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.64	N/A	N/A	N/A	N/A	1	19 N/A	N/A
N/A	29.64	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.64	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.65	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.51	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.52	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.54	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.62	N/A	N/A	N/A	N/A	0	0 N/A	N/A
N/A	29.62	N/A	N/A	N/A	N/A	0	0 N/A	N/A

Wind-Speed	Wind-Direc	Anemomet	PeakCH4	PeakCO2	Anemomet	MinO2	Temp. GA	Rel. Press.
		m/s	%	%	m3/hr	%	DegF	inches H2O
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.04
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.03
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.03
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.04
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.04
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.04
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.03
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.06
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.05
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.05
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.02
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.47
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.2
3	NW	N/A	N/A	N/A	N/A	N/A	N/A	0

