

Bethel-Danebo Closed Landfill Progress Report

For October 2016

Actions during this month:

- Well LP04GP19 was analyzed for structural issues. A crack in the pvc pipe was discovered near the ground surface. The interior of the casing was slightly excavated and I was able to cut the broken pipe off and replace the sampling fitting. Pictures included.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum is at 8.8. The soils have dried again.
- Blower exhaust was sampled for methane (BLOWEXAU)
- Several meetings involving Demers, D.E.Q., the City of Eugene and Lane County.

Actions scheduled to be taken within the next two months:

- Continue sampling schedule.
- Scheduled meetings.

Problems experienced during the month:

- Homeless camps have re-established on the ODOT property south of the landfill.
- Gas probe 006 was over vacuumed and shut the pump down but not before getting an unpurged reading. The pump ran labored for approximately 60 seconds.
- LP26GP25 Was flooded and filled the pump filter. The probe monument was completely dry but the probe was flooded.
- LC14-GP8 Was also flooded and filled the pump line and filter. It was flooded near to the top of the probe. Seconds after starting the pump it pulled water.

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20160627; {29238664616}		%	%	%	%	%
LP04GP19	10/26/2016 11:22	0	0.1	23.4	76.5	0

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20160627; {29238664616}		%	%	%	%	%
LP04GP19	10/26/2016 11:22	0	0.1	23.4	76.5	0
LP04GP18	10/26/2016 11:28	0	0.4	23	76.6	0
LP06VPL6	10/26/2016 11:36	0	0.4	22.9	76.7	0
LP07VPL7	10/26/2016 11:41	0	0.6	22.5	76.9	0
LP08VPL8	10/26/2016 11:46	0	2.7	20.3	77	0
LP04GP18	11/1/2016 13:29	0	0.1	20.7	79.2	0
LP26MW03	11/1/2016 13:38	5.1	3.3	19.2	72.4	>>>>
Probe001	11/2/2016 13:33	7	7	13.3	72.7	>>>>
Probe003	11/2/2016 13:36	0	0.8	20.3	78.9	0
Probe002	11/2/2016 13:40	10.8	21.7	0.1	67.4	>>>>
Probe004	11/2/2016 13:45	5.1	22.8	4.1	68	>>>>
Probe005	11/2/2016 13:49	0	3.4	15.3	81.3	0
Probe006	11/2/2016 13:53	36.4	7.2	4.4	52	>>>>
Probe007	11/2/2016 13:57	0	0.6	19.3	80.1	0
Probe008	11/2/2016 14:01	0	1.6	18.6	79.8	0
Probe009	11/2/2016 14:05	0	1.3	17.9	80.8	0
Probe010	11/2/2016 14:10	0	2	17.3	80.7	0
BLOWEXAU	11/2/2016 14:15	0.4	0.7	19.3	79.6	8

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	29.37	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.37	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.37	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.37	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.38	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.58	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.58	N/A	N/A	N/A	0	3	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	1	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	1	N/A	N/A
N/A	29.55	N/A	N/A	N/A	1	20	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	4	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	8	N/A	N/A
N/A	29.56	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.55	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.56	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.56	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.56	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	4	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	7	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	7	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	1	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	7	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	6	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	16	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	16	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	17	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	17	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	15	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	16	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	19	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	20	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	20	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

