

Bethel-Danebo Closed Landfill Progress Report

For June 2016

Actions during this month:

- Gas sampling at trench probes and the gas collection system at Oregon Fuel Injection.
- Blower has run continually without issue since June the 25th.
- The blower vacuum has dropped to 7.0. The soils have dried and have small cracking.
- Blower exhaust was sampled for methane (BLOWEXAU) a constant 0.3% was observed. I plan to make this a regular sample location.
- **Actions scheduled to be taken within the next two months:**
 - Continue sampling schedule. Water samples from designated wells and probes. Standard bailers do not fit in the probes for sampling. Landfill engineer is researching potential sampling devices.

Problems experienced during the month:

Probe 08 had a higher than usual reading again this month but lower than last at 9%. Curiously LC14-GP6 which is just to the north of probe 08 was non-detect?

Device ID	Date/Time	CH4	CO2	O2	Balance%	LEL
:M™5000; G5 V1_11_16; LSGAM:6_0_20160627; {37259104493}						
	%	%	%	%		
IFUEL01	6/27/2016 11:49	0	0.2	20.5	79.3	0
IFUEL02	6/27/2016 11:53	0	0.1	20.8	79.1	0
OWEXAU	6/27/2016 12:04	0.3	0.6	20.3	78.8	6
14-GP6	6/27/2016 12:20	0	3.5	15.8	80.7	0
probe001	6/27/2016 12:31	0	5.6	16	78.4	0
probe002	6/27/2016 12:35	0.1	3.5	13.9	82.5	2
probe003	6/27/2016 12:40	0	16.2	4.9	78.9	0
probe004	6/27/2016 12:46	21.3	29.7	3	46	>>>>

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20160627; {37259104493}		%	%	%	%	%
ORFUEL01	6/27/2016 11:49	0	0.2	20.5	79.3	0
ORFUEL02	6/27/2016 11:53	0	0.1	20.8	79.1	0
BLOWEXAU	6/27/2016 12:04	0.3	0.6	20.3	78.8	6
LC14-GP6	6/27/2016 12:20	0	3.5	15.8	80.7	0
Probe001	6/27/2016 12:31	0	5.6	16	78.4	0
Probe003	6/27/2016 12:35	0.1	3.5	13.9	82.5	2
Probe003	6/27/2016 12:40	0	16.2	4.9	78.9	0
Probe004	6/27/2016 12:46	21.3	29.7	3	46	>>>>
Probe005	6/27/2016 12:51	0	2.7	17.4	79.9	0
Probe006	6/27/2016 12:55	5.1	15.1	2.2	77.6	>>>>
Probe007	6/27/2016 13:00	0	6	15.1	78.9	0
Probe008	6/27/2016 13:04	9.7	13.9	6.8	69.6	>>>>
Probe009	6/27/2016 13:11	0	2.1	15.8	82.1	0
Probe010	6/27/2016 13:16	0	7.9	12.4	79.7	0

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	29.77	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	29.77	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	29.76	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	4	N/A	N/A
N/A	29.76	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	29.76	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

CL2	H2	HCN	Inst-Tech	Latitude	Longitude	Altitude	UTC	SatsUsed
	LMH					ft		
N/A	4	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	8	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	3	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	12	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	22	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	21	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	25	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	33	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	32	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	36	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	36	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	39	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	41	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	42	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

