Bethel-Danebo Closed Landfill Progress Report

For February 2015

Actions during this month:

- Gas sampling at trench probes.
- DEQ accepted blower drawings as provided by Energyneering solutions.
- Camp Creek continued electrical permitting efforts with the City of Eugene and E.W.E.B.
- L.R.A.P.A. is evaluating the need for a permit associated with the blower skid.

- **Actions scheduled to be taken within the next two months:**
- Permitting of trench active gas system.
- Dewatering of additional gas probes.
- Sampling of additional gas monitoring locations.

Problems experienced during the month:

- Newly installed gas probes are flooded as determined by use of the old GEM 2000. I will attempt to dewater with a small water pump.

Monitoring Results:

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_11_16; LSGAM:6_0_20140529; {26144903425}		%	%	%	%	%
Probe001	2/26/2015 14:47	0.4	3.4	18.2	78	8
probe002	2/26/2015 14:51	38.9	22	2.1	37	>>>>
Probe003	2/26/2015 14:55	19.5	13.8	0.4	66.3	>>>>
Probe004	2/26/2015 14:59	14.5	24.5	0.6	60.4	>>>>
Probe005	2/26/2015 15:03	0	5.9	15.6	78.5	0
LP07VPL7	2/26/2015 15:09	0	0.7	20.8	78.5	0
Probe006	2/26/2015 15:13	29.9	12.4	0.1	57.6	>>>>
Probe007	2/26/2015 15:18	0	2.8	17.9	79.3	0
Probe008	2/26/2015 15:22	1.9	7.1	12.4	78.6	38
LP08VPL8	2/26/2015 15:27	0	1.7	19.6	78.7	0
Probe009	2/26/2015 15:31	65.6	11.7	0	22.7	>>>>

Probe010	2/26/2015 15:36	4.4	9	1.1	85.5	88

Don Strunk
Supervisor/Technical Specialist
Lane County Waste Management Division

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Init. Static Press.	Adj. Static Press.	Init. Diff. Press.	Adj. Diff. Press.	Init. Gas Temp.	Adj. Gas Temp.	Init. Flow	Adj. Flow	Init. Power
inches H2O	inches H2O	inches H2O	inches H2O	DegF	DegF	SCFM	SCFM	BTU
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Adj. Power	Baro. Press.	Sys. Press.	Gas Pod Type	Gas Pod Value	CO	H2S	SO2	NO2
BTU	inches Hg	inches H2O			ppm	ppm		
N/A	29.61	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	4	N/A	N/A
N/A	29.62	N/A	N/A	N/A	0	6	N/A	N/A
N/A	29.62	N/A	N/A	N/A	0	23	N/A	N/A
N/A	29.62	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	90	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.61	N/A	N/A	N/A	0	28	N/A	N/A
N/A	29.61	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	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	LOW	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

Herror	Verror	HDOP	Status	FLD-Tech	DL-Tech	Serial Number	Ambient-Temp	Precipitation
m	m							
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0
N/A	N/A	N/A	N/A	Don S	Don S	G502535	48	0

Wind-Speed	Wind-Direction	Anemometer Vel.	PeakCH4	PeakCO2	Anemometer Flow	MinO2	Temp. GA Mode	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	0.02
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	-0.02
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	-0.05
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	0.1
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	0.06

Site Chosen	Comments	Answers	Site Answers
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