

Bethel-Danebo Closed Landfill Progress Report

For August 2014

Actions during this month:

- Gas sampling of the 10 monitoring probes, two adjacent buildings and the well located on lot 29. The monitoring point inside the Roto-Rooter lot was not locked and not accessible.
- Work Plan submitted to D.E.Q.
- Lane County is reviewing the proposed design for the active gas collection system and working on a RFP for the construction.
- **Actions scheduled to be taken within the next two months:**
- RFP for active blower system.
- Meeting scheduled with D.E.Q. for review of Work Plan.
- Continue work on data gaps and drawing sets.
- Ground water elevations to be taken this month.

Problems experienced during the month:

- 0

Monitoring Results:

The dramatic drop in methane levels this month is noteworthy. There have been no monitoring deviations or any other known physical or mechanical changes at the site from the previous months monitoring.

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Baro. Press. inches Hg	Gas Pod Type	Gas Pod Value ppm	CO2 ppm
		%	%	%	%	%		type		
PROBE001	8/28/2014 9:28	0	3.5	17.2	79.3	0	29.63	H2	0	
PROBE002	8/28/2014 9:30	0.2	2.2	19	78.6	4	29.63	H2	3	
PROBE003	8/28/2014 9:32	0.1	14.6	6.5	78.8	2	29.63	H2	5	
PROBE004	8/28/2014 9:35	0	9.9	10.1	80	0	29.62	H2	4	
PROBE005	8/28/2014 9:37	0	5.7	14.4	79.9	0	29.61	H2	2	
PROBE006	8/28/2014 9:40	0.1	10.2	7.4	82.3	2	29.61	H2	12	

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Baro. Press.	Gas Pod Type	Gas Pod Value	CO
		%	%	%	%	%	inches Hg	type	ppm	ppm
PROBE001	8/28/2014 9:28	0	3.5	17.2	79.3	0	29.63	H2	0	0
PROBE002	8/28/2014 9:30	0.2	2.2	19	78.6	4	29.63	H2	3	10
PROBE003	8/28/2014 9:32	0.1	14.6	6.5	78.8	2	29.63	H2	5	4
PROBE004	8/28/2014 9:35	0	9.9	10.1	80	0	29.62	H2	4	6
PROBE005	8/28/2014 9:37	0	5.7	14.4	79.9	0	29.61	H2	2	2
PROBE006	8/28/2014 9:40	0.1	10.2	7.4	82.3	2	29.61	H2	12	0
PROBE007	8/28/2014 9:43	0	12.7	6.1	81.2	0	29.6	H2	11	0
PROBE008	8/28/2014 9:46	0	4.5	16.3	79.2	0	29.6	H2	8	33
LP08VPL8	8/28/2014 9:48	0	3.9	16.1	80	0	29.6	H2	15	2
LP07VPL7	8/28/2014 9:50	0	0.4	20	79.6	0	29.6	H2	14	0
PROBE009	8/28/2014 9:53	62.6	35.8	0.2	1.4 >>>>		29.59	H2	28	32767
PROBE010	8/28/2014 9:57	0.1	14.4	5.5	80	2	29.59	H2	20	0
LP04GP18	8/28/2014 10:03	37.2	23.3	8.5	31 >>>>		29.59	H2	12	18

H2S	SO2	NO2	CL2	H2	HCN	Technician	FLD-Tech	DL-Tech	Serial Number	Ambient-Temp	Precipitation	Wind-Speed
ppm				ppm								
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	40	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	0	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4
	0	N/A	N/A	N/A	N/A		Don	Don				
	19	N/A	N/A	N/A	N/A		Strunk	Strunk	__00000	86	0	4

Wind- Direction	Rel. Pressure inches H2O	Site Answers	Site Chosen	Comment s	Answers	Temperatu re DegF
NW	-11.26	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.04	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.03	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.03	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.03	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.04	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.03	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.04	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-20.14	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	0.19	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.05	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.07	,,,,	,,,,,,	,,,,,,	,,	N/A
NW	-0.05	,,,,	,,,,,,	,,,,,,	,,	N/A