

# Bethel-Danebo Closed Landfill Progress Report

## For April 2014

### Actions during this month:

- Gas sampling of the 10 monitoring probes along the interception trench and the passive gas systems under the buildings on lots 6,7and 8. Results are attached in original excel format.
- Tuppan Consultants and Lane County continued working on the work plan, data gaps and drawing sets.
- Nearby property owners were identified using the Regional Land Identification Database.
- Lot 9 was again accessed and the only existing well that could be located was on the North East corner of the property.

### Actions scheduled to be taken within the next two months:

- Obtain occupant information and contact information for nearby property residents.
- Continue work on data gaps, drawing sets and work plan.

### Problems experienced during the month:

- The Gas monitoring well that was located on lot 9 was flooded to the ground surface level. It is a surface flush well with poor surface drainage and a currently no seal. I believe the well could be rehabbed if needed.

### Monitoring Results:

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Baro. Press. inches Hg	Gas Pod Type	Gas Pod Value ppm	CO ppm
PROBE001	4/3/2014 12:27	15	11.3	10.5	63.2	300	29.53	H2	0	
PROBE002	4/3/2014 12:32	50.2	15.6	2.7	31.5	1004	29.53	H2	0	
PROBE003	4/3/2014 12:35	20.6	13.8	1.2	64.4	412	29.52	H2	0	

	4/3/2014								
PROBE004	12:39	40.7	20.6	1	37.7	814	29.51	H2	2
	4/3/2014								
PROBE005	12:43	0	3.2	15.7	81.1	0	29.51	H2	0
	4/3/2014								
PROBE006	12:46	15.5	4.6	3	76.9	310	29.5	H2	0
	4/3/2014								
PROBE007	12:49	0	0	20.4	79.6	0	29.5	H2	0
	4/3/2014								
PROBE008	12:52	1.5	4.6	12.5	81.4	30	29.5	H2	0
	4/3/2014								
LP08VPL8	12:55	0	1.5	18.7	79.8	0	29.5	H2	0
	4/3/2014								
PROBE009	12:59	37.8	10.2	0.8	51.2	756	29.49	H2	0
	4/3/2014								
LP07VPL7	13:03	0	0.2	20.3	79.5	0	29.49	H2	0
	4/3/2014								
LP06VPL6	13:08	0	0.1	20.5	79.4	0	29.49	H2	0
	4/3/2014								
PROBE010	13:13	0	0.5	20.3	79.2	0	29.48	H2	0
	4/3/2014								
well0290	13:18	8.1	3.7	18.2	70	162	29.48	H2	0

Don Strunk  
Supervisor/Technical Specialist  
Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Baro. Press.	Gas Pod Type	Gas Pod Value	CO	H2S
		%	%	%	%	%	inches Hg	type	ppm	ppm	ppm
PROBE001	4/3/2014 12:27	15	11.3	10.5	63.2	300	29.53	H2	0	0	19
PROBE002	4/3/2014 12:32	50.2	15.6	2.7	31.5	1004	29.53	H2	0	0	62
PROBE003	4/3/2014 12:35	20.6	13.8	1.2	64.4	412	29.52	H2	0	0	2
PROBE004	4/3/2014 12:39	40.7	20.6	1	37.7	814	29.51	H2	2	0	41
PROBE005	4/3/2014 12:43	0	3.2	15.7	81.1	0	29.51	H2	0	0	0
PROBE006	4/3/2014 12:46	15.5	4.6	3	76.9	310	29.5	H2	0	0	0
PROBE007	4/3/2014 12:49	0	0	20.4	79.6	0	29.5	H2	0	0	0
PROBE008	4/3/2014 12:52	1.5	4.6	12.5	81.4	30	29.5	H2	0	10	0
LP08VPL8	4/3/2014 12:55	0	1.5	18.7	79.8	0	29.5	H2	0	0	0
PROBE009	4/3/2014 12:59	37.8	10.2	0.8	51.2	756	29.49	H2	0	0	2
LP07VPL7	4/3/2014 13:03	0	0.2	20.3	79.5	0	29.49	H2	0	0	0
LP06VPL6	4/3/2014 13:08	0	0.1	20.5	79.4	0	29.49	H2	0	0	0
PROBE010	4/3/2014 13:13	0	0.5	20.3	79.2	0	29.48	H2	0	0	0
well0290	4/3/2014 13:18	8.1	3.7	18.2	70	162	29.48	H2	0	0	0



Rel. Pressure	Site Answers	Site Chosen	Comments	Answers	Temperature
inches H2O					DegF
0.03	,,,,	,,,,,,	,,,,,,	,,	N/A
0.07	,,,,	,,,,,,	,,,,,,	,,	N/A
0.68	,,,,	,,,,,,	,,,,,,	,,	N/A
0.04	,,,,	,,,,,,	,,,,,,	,,	N/A
0	,,,,	,,,,,,	,,,,,,	,,	N/A
0.05	,,,,	,,,,,,	,,,,,,	,,	N/A
0.04	,,,,	,,,,,,	,,,,,,	,,	N/A
0	,,,,	,,,,,,	,,,,,,	,,	N/A
-5.72	,,,,	,,,,,,	,,,,,,	,,	N/A
0.02	,,,,	,,,,,,	,,,,,,	,,	N/A
-6.41	,,,,	,,,,,,	,,,,,,	,,	N/A
-0.02	,,,,	,,,,,,	,,,,,,	,,	N/A
-10.75	,,,,	,,,,,,	,,,,,,	,,	N/A
-0.03	,,,,	,,,,,,	,,,,,,	,,	N/A