

# Bethel-Danebo Closed Landfill Progress Report

## For December 2014

### Actions during this month:

- Gas sampling of the 8 monitoring probes, one adjacent buildings and the well located on lot 29.
- Energyneering Solutions is working on the drawings for the blower skid in anticipation for submittal of permits.
- Cascade postponed probe installation until January 20<sup>th</sup>.
- I was contacted by Jeff Demers for gas sampling information for lot 26 which they say has a perspective buyer.
- New Landtec GEM 5000 arrived on Monday and will be used in the next round of sampling.
- **Actions scheduled to be taken within the next two months:**
  - Installation of 10 additional gas probes.
  - Permitting of electrical installation.
  - Field PH testing of onsite ground water level wells and gas probes where samples can be obtained.

### Problems experienced during the month:

- I could not obtain a sample from probe # 4 before pump pressure limits were exceeded. I believe the probe is flooded to high level but water was not extracted before pressures were exceeded and the pump shut off. Lot 6, lot 8 buildings and probes were not accessible due to the properties closing early.

### Monitoring Results:

Device ID	Date/Time	CH4	CO2	O2	Balanc e	%LEL
GEM™2NAV; Version 3_12L,18/06/10; LSGAM:6_0_20140818; {26785734466}		%	%	%	%	%
PROBE001	12/31/2014 16:59	0.1	2.5	17.9	79.5	2
PROBE002	12/31/2014 17:02	39.8	25.6	1	33.6	796
PROBE003	12/31/2014 17:05	1.2	11.2	1.7	85.9	24
PROBE005	12/31/2014 17:12	0	3.8	15.5	80.7	0
LP07VPL7	12/31/2014 17:15	0	0.3	20.7	79	0
PROBE006	12/31/2014 17:17	24.5	6.9	3.5	65.1	490
PROBE009	12/31/2014 17:21	16.9	6.4	3.1	73.6	338
PROBE010	12/31/2014 17:25	0	0.3	21.1	78.6	0

well0290

12/31/2014 17:29

0.2

0.4

20.2

79.2

4

Don Strunk  
Supervisor/Technical Specialist  
Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance
GEM™2NAV; Version 3_12L,18/06/10; LSGAM:6_0_20140818; {26785734466}		%	%	%	%
PROBE001	12/31/2014 16:59	0.1	2.5	17.9	79.5
PROBE002	12/31/2014 17:02	39.8	25.6	1	33.6
PROBE003	12/31/2014 17:05	1.2	11.2	1.7	85.9
PROBE005	12/31/2014 17:12	0	3.8	15.5	80.7
LP07VPL7	12/31/2014 17:15	0	0.3	20.7	79
PROBE006	12/31/2014 17:17	24.5	6.9	3.5	65.1
PROBE009	12/31/2014 17:21	16.9	6.4	3.1	73.6
PROBE010	12/31/2014 17:25	0	0.3	21.1	78.6
well0290	12/31/2014 17:29	0.2	0.4	20.2	79.2











Rel. Press.	Site Chosen	Comments	Answers	Site Answers
inches H2O				
0.1	,,,,,,,,	,,,,,,,,	,,	,,,
-19.86	,,,,,,,,	,,,,,,,,	,,	,,,
0.12	,,,,,,,,	,,,,,,,,	,,	,,,
-5.86	,,,,,,,,	,,,,,,,,	,,	,,,
-12.01	,,,,,,,,	,,,,,,,,	,,	,,,
0.1	,,,,,,,,	,,,,,,,,	,,	,,,
0.06	,,,,,,,,	,,,,,,,,	,,	,,,
0.11	,,,,,,,,	,,,,,,,,	,,	,,,
0.07	,,,,,,,,	,,,,,,,,	,,	,,,