



BD Monthly

From STRUNK Donald L <Donald.Strunk@co.lane.or.us>
Date Mon 6/10/2019 5:03 PM
To HANSON Don * DEQ <Don.HANSON@deq.oregon.gov>
Cc 'eric@tuppanconsultants.com' <eric@tuppanconsultants.com>

 2 attachments (33 KB)

BDAprMay2019.docx; BDAprMay2019.csv;

Hi Don,

Attached is the monthly report for April and May at Bethel-Danebo. I was doing the May report and had the April numbers still in the Gem and realized that I forgot to send you the April report. Attached is a report for both months. Not much happening and I haven't noticed any onsite work at lot 26.

Don Strunk

Supervisor/Engineering Analyst

Lane County Department of Public Works

Waste Management Division

3100 E. 17th Ave.

Eugene, Oregon 97403

Bethel-Danebo Closed Landfill Progress Report

For April/May 2019

Actions during this month:

- Regular sampling.
- Blower has run continually without issue since June the 25th 2015.
- The blower vacuum was at 9.7 in April and 9.2 in May. Soils are still hydrated but not saturated.
- Grasses are growing well and need to be mowed.
- The City of Eugen installed speed bump signs at the 1st street gas system crossing where the pavement cut had risen.

Actions scheduled to be taken within the next two months:

- Continue sampling schedule.
- Mow and weed eat around site.

Problems experienced during the month:

- Someone knocked the cover off of the fake security camera that is inside of the blower enclosure. No other damage or attempted entry was observed.

Readings for April and May 2019

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL		
GEM™5000; G5 V1_14_12; LSGAM:6_0_20160627; {72519179143}				%	%	%	%	%
BLOWEXAU	4/18/2019 14:01			0	0.3	19.3	80.4	0
Probe005	4/18/2019 14:07			0	1.2	17.2	81.6	0
Probe006	4/18/2019 14:12			0.3	0.4	17.4	81.9	6
Probe007	4/18/2019 14:16			0	0.1	18.5	81.4	0
Probe008	4/18/2019 14:20			0	0.1	18.6	81.3	0
Probe009	4/18/2019 14:24			0	0.7	17.9	81.4	0

Probe010	4/18/2019 14:32	0	0.1	18.7	81.2	0
Probe010	4/18/2019 14:40	0	0.6	18.5	80.9	0
Probe002	4/18/2019 14:45	0	4.6	13	82.4	0
Probe002	4/18/2019 14:46	0	4.6	13.1	82.3	0
Probe003	4/18/2019 14:49	0	0.1	19.4	80.5	0
Probe004	4/18/2019 14:53	2.2	3	16.5	78.3	44
Probe001	5/29/2019 9:53	0	11.9	11.2	76.9	0
Probe002	5/29/2019 9:56	2	12.9	8	77.1	40
Probe010	5/29/2019 10:00	0	8.7	12.6	78.7	0
Probe003	5/29/2019 10:04	0	7.9	8.7	83.4	0
Probe004	5/29/2019 10:07	15.7	18.1	4.3	61.9	>>>>
BLOWEXAU	5/29/2019 10:10	0.5	0.6	19.6	79.3	10
Probe005	5/29/2019 10:14	0	2.1	18	79.9	0
Probe006	5/29/2019 10:18	7.4	5.5	13	74.1	>>>>
Probe007	5/29/2019 10:22	0	0.2	20.2	79.6	0
Probe008	5/29/2019 10:25	0	0.2	20.3	79.5	0
Probe009	5/29/2019 10:30	0	1.2	18.7	80.1	0

Don Strunk
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Lane County Waste Management Division

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL
GEM™5000; G5 V1_14_12; LSGAM:6_0_20160627; {72519179143}		%	%	%	%	%
BLOWEXAU	#####	0	0.3	19.3	80.4	0
Probe005	#####	0	1.2	17.2	81.6	0
Probe006	#####	0.3	0.4	17.4	81.9	6
Probe007	#####	0	0.1	18.5	81.4	0
Probe008	#####	0	0.1	18.6	81.3	0
Probe009	#####	0	0.7	17.9	81.4	0
Probe010	#####	0	0.1	18.7	81.2	0
Probe010	#####	0	0.6	18.5	80.9	0
Probe002	#####	0	4.6	13	82.4	0
Probe002	#####	0	4.6	13.1	82.3	0
Probe003	#####	0	0.1	19.4	80.5	0
Probe004	#####	2.2	3	16.5	78.3	44
Probe001	#####	0	11.9	11.2	76.9	0
Probe002	#####	2	12.9	8	77.1	40
Probe010	#####	0	8.7	12.6	78.7	0
Probe003	#####	0	7.9	8.7	83.4	0
Probe004	#####	15.7	18.1	4.3	61.9	>>>>
BLOWEXAU	#####	0.5	0.6	19.6	79.3	10

Probe005	#####	0	2.1	18	79.9	0
Probe006	#####	7.4	5.5	13	74.1	>>>>
Probe007	#####	0	0.2	20.2	79.6	0
Probe008	#####	0	0.2	20.3	79.5	0
Probe009	#####	0	1.2	18.7	80.1	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	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.74	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.73	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.74	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.74	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.65	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	18	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A

N/A	29.65	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	N/A	N/A	N/A	0	0	N/A	N/A
N/A	29.64	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	0	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	4	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	10	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	11	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	17	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	23	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	27	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	28	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	30	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	14	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	15	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	15	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	16	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	19	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	17	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

N/A	15	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	19	N/A	N/A_	N/A	N/A	N/A	N/A	N/A
N/A	15	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	15	N/A	N/A_	N/A	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	Don Strunk	Don Strunk	G502535	52	0
N/A	N/A	N/A	N/A	Don Strunk	Don Strunk	G502535	52	0
N/A	N/A	N/A	N/A	Don Strunk	Don Strunk	G502535	52	0
N/A	N/A	N/A	N/A	Don Strunk	Don Strunk	G502535	52	0
N/A	N/A	N/A	N/A	Don Strunk	Don Strunk	G502535	52	0

Wind-Speed	Wind-Direction	Anemometer Vel.	PeakCH4	PeakCO2	Anemometer Flow	MinO2	Temp. GA Mode	Rel. Press.
		m/s	%	%	SCFM	%	DegF	inches H2O
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.03
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.03
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.01
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02

6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.02
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	0
6	NW	N/A	N/A	N/A	N/A	N/A	N/A	-0.01

۳۳۳۳۳۳	۳۳۳۳۳۳	۳۳	۳۳۳	N/A
۳۳۳۳۳۳	۳۳۳۳۳۳	۳۳	۳۳۳	N/A
۳۳۳۳۳۳	۳۳۳۳۳۳	۳۳	۳۳۳	N/A
۳۳۳۳۳۳	۳۳۳۳۳۳	۳۳	۳۳۳	N/A
۳۳۳۳۳۳	۳۳۳۳۳۳	۳۳	۳۳۳	N/A