



Bethel gas readings

From STRUNK Donald L <Donald.Strunk@co.lane.or.us>

Date Tue 6/18/2013 8:09 AM

To READ Norm <read.norm@deq.state.or.us>; Eric J. Tuppan <ejtuppan@easystreet.net>; 'Jeff Friesen' <jfriesen@energyneeringsolutions.com>; Jim Evans (jevans@energyneeringsolutions.com) <jevans@energyneeringsolutions.com>; William Song (wsong@energyneeringsolutions.com) <wsong@energyneeringsolutions.com>

 1 attachment (8 KB)

May23,30June06,2013.csv;

Attached are the last few weeks of gas sampling at Bethel-Danebo. My GEM is in California getting its annual factory service. It should be back in a week or two. Eric, I will get you another round of groundwater depths this week.

*Don Strunk
Technical Specialist
Department of Public Works
Waste Management Division
3100 E. 17th Ave.
Eugene, Oregon 97403*

Device ID	Date/Time	CH4	CO2	O2	Balance	%LEL	Baro. Press.
		%	%	%	%	%	inches Hg
PROBE001	5/23/2013 12:13	2.7	11.8	7.9	77.6	54	29.6
PROBE002	5/23/2013 12:16	23.2	23.2	3	50.6	>>>>	29.6
PROBE003	5/23/2013 12:20	44.9	22.2	0.5	32.4	>>>>	29.6
PROBE004	5/23/2013 12:24	26.8	18.1	0.3	54.8	>>>>	29.58
PROBE005	5/23/2013 12:27	0	5	15.1	79.9	0	29.58
PROBE006	5/23/2013 12:31	0.8	6.3	13.5	79.4	16	29.58
PROBE007	5/23/2013 12:34	0.3	1.4	18.4	79.9	6	29.58
PROBE008	5/23/2013 12:39	1.2	6.8	13.6	78.4	24	29.57
PROBE009	5/23/2013 12:43	10.7	16.2	0.4	72.7	>>>>	29.57
PROBE010	5/23/2013 12:49	18.6	16.6	1.5	63.3	>>>>	29.56
well0290	5/23/2013 12:53	30.4	18	10.4	41.2	>>>>	29.55
PROBE001	5/30/2013 13:24	0	6.8	13.2	80	0	29.74
PROBE002	5/30/2013 13:28	12.9	16.3	7.2	63.6	>>>>	29.74
PROBE003	5/30/2013 13:31	29.1	25	0.5	45.4	>>>>	29.74
PROBE004	5/30/2013 13:36	35	21.6	0.3	43.1	>>>>	29.73
PROBE004	5/30/2013 13:36	34.8	21.5	0.3	43.4	>>>>	29.73
PROBE005	5/30/2013 13:39	0	4.7	15.5	79.8	0	29.72
PROBE005	5/30/2013 13:39	0	4.7	15.3	80	0	29.72
PROBE006	5/30/2013 13:42	1	8.6	8.7	81.7	20	29.72
PROBE007	5/30/2013 13:46	0.5	1	18.4	80.1	10	29.72

PROBE008	5/30/2013 13:49	0.1	5.4	14.7	79.8	2	29.72
PROBE009	5/30/2013 13:53	6.1	16.6	0.4	76.9	>>>>	29.72
PROBE001	6/6/2013 13:39	10	18.8	0.6	70.6	>>>>	29.54
PROBE002	6/6/2013 13:43	35.1	26.6	0.6	37.7	>>>>	29.54
PROBE003	6/6/2013 13:46	35.8	21.2	0.6	42.4	>>>>	29.54
PROBE004	6/6/2013 13:49	28.7	20.3	0.4	50.6	>>>>	29.53
PROBE004	6/6/2013 13:50	28.6	20.2	0.8	50.4	>>>>	29.53
PROBE005	6/6/2013 13:53	0	4.4	15.2	80.4	0	29.52
PROBE006	6/6/2013 13:57	0.9	7.3	11.9	79.9	18	29.51
PROBE007	6/6/2013 14:00	0.4	3	16	80.6	8	29.51
PROBE008	6/6/2013 14:04	2.2	9.2	11	77.6	44	29.5
PROBE009	6/6/2013 14:09	62.1	30	0.4	7.5	>>>>	29.49
PROBE010	6/6/2013 14:14	36.5	23.7	0.5	39.3	>>>>	29.48
well0290	6/6/2013 14:19	19.5	11.1	13	56.4	>>>>	29.46

Gas Pod Type	Gas Pod Value	CO	H2S	SO2	NO2	CL2	H2	HCN
type	ppm	ppm	ppm				ppm	
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	28	N/A	N/A	N/A	N/A	N/A
H2	0	0	3	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	1	N/A	N/A	N/A	N/A	N/A
H2	1	0	0	N/A	N/A	N/A	N/A	N/A
H2	4	0	0	N/A	N/A	N/A	N/A	N/A
H2	10	0	22	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	12	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	18	N/A	N/A	N/A	N/A	N/A
H2	0	0	2	N/A	N/A	N/A	N/A	N/A
H2	0	0	2	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	1	N/A	N/A	N/A	N/A	N/A
H2	0	0	0	N/A	N/A	N/A	N/A	N/A

H2	0	0	0	N/A	N/A	N/A	N/A	N/A
H2	0	0	8	N/A	N/A	N/A	N/A	N/A
H2	32	0	0	N/A	N/A	N/A	N/A	N/A
H2	25	0	1	N/A	N/A	N/A	N/A	N/A
H2	23	0	24	N/A	N/A	N/A	N/A	N/A
H2	31	0	3	N/A	N/A	N/A	N/A	N/A
H2	36	0	2	N/A	N/A	N/A	N/A	N/A
H2	40	0	0	N/A	N/A	N/A	N/A	N/A
H2	45	0	1	N/A	N/A	N/A	N/A	N/A
H2	49	0	0	N/A	N/A	N/A	N/A	N/A
H2	51	0	0	N/A	N/A	N/A	N/A	N/A
H2	76	0	28	N/A	N/A	N/A	N/A	N/A
H2	66	0	7	N/A	N/A	N/A	N/A	N/A
H2	71	0	7	N/A	N/A	N/A	N/A	N/A

Technician	FLD-Tech	DL-Tech	Serial Number	Ambient-Temp	Precipitation	Wind-Speed	Wind-Direction	Rel. Pressure
								inches H2O
	Don	Don	GM12917	82	0	5 W		0.06
	Don	Don	GM12917	82	0	5 W		0.05
	Don	Don	GM12917	82	0	5 W		0.06
	Don	Don	GM12917	82	0	5 W		0.02
	Don	Don	GM12917	82	0	5 W		0.04
	Don	Don	GM12917	82	0	5 W		0.04
	Don	Don	GM12917	82	0	5 W		0.02
	Don	Don	GM12917	82	0	5 W		0
	Don	Don	GM12917	82	0	5 W		0
	Don	Don	GM12917	82	0	5 W		0
	Don	Don	GM12917	82	0	5 W		0.06
	Don	Don	GM12917	82	0	5 W		0.08
	Don	Don	GM12917	82	0	5 W		0.05
	Don	Don	GM12917	82	0	5 W		0.06
	Don	Don	GM12917	82	0	5 W		0.05
	Don	Don	GM12917	82	0	5 W		0.03
	Don	Don	GM12917	82	0	5 W		0.03
	Don	Don	GM12917	82	0	5 W		0.03
	Don	Don	GM12917	82	0	5 W		0.04
	Don	Don	GM12917	82	0	5 W		0.04

	Don	Don	GM12917	82	0	5 W	0.02
	Don	Don	GM12917	82	0	5 W	0.01
	Don	Don	GM12917	82	0	5 W	0.14
	Don	Don	GM12917	82	0	5 W	0.06
	Don	Don	GM12917	82	0	5 W	0.04
	Don	Don	GM12917	82	0	5 W	0.04
	Don	Don	GM12917	82	0	5 W	0.03
	Don	Don	GM12917	82	0	5 W	0.03
	Don	Don	GM12917	82	0	5 W	0.02
	Don	Don	GM12917	82	0	5 W	0
	Don	Don	GM12917	82	0	5 W	-0.01
	Don	Don	GM12917	82	0	5 W	-0.02
	Don	Don	GM12917	82	0	5 W	-0.03
	Don	Don	GM12917	82	0	5 W	-0.12

