

Bridgeton Sanitary Landfill  
AreaRAE Monitoring Data  
Hourly Summary Report

Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-12 12:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-12 12:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.79	20.90			0.00	0.00
2016-05-12 12:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-12 12:00	8			18.36	23.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 12:00	10			2.29	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 12:00	12	0.00	0.00	3.29	4.00			0.00	0.00	20.90	20.90			0.19	0.70
2016-05-12 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 13:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-05-12 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-12 13:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-12 13:00	8			16.51	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 13:00	10			2.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 13:00	12	0.00	0.10	3.94	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 13:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 14:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.81	20.90			0.00	0.00
2016-05-12 14:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.66	20.70			0.00	0.00
2016-05-12 14:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-12 14:00	8			17.70	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 14:00	10			3.68	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 14:00	12	0.00	0.00	4.31	7.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-12 14:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 15:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 15:00	2	0.03	1.00			0.00	0.00	0.00	0.00	20.70	20.70			0.00	0.00
2016-05-12 15:00	5			4.03	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 15:00	8			15.45	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 15:00	10			3.65	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 15:00	12	0.00	0.00	4.63	6.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-12 15:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 16:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 16:00	2	0.01	0.40			0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2016-05-12 16:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-12 16:00	8			14.58	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 16:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 16:00	12	0.00	0.00	4.79	6.00			0.00	0.00	20.90	20.90			0.11	0.20
2016-05-12 16:00	13			2.11	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 17:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 17:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 17:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 17:00	8			16.61	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 17:00	10			3.82	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 17:00	12	0.00	0.00	4.23	6.00			0.00	0.00	20.90	20.90			0.07	0.20
2016-05-12 17:00	13			2.68	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 18:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 18:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 18:00	8			19.32	25.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 18:00	10			3.35	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 18:00	12	0.00	0.00	4.22	5.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 18:00	13			2.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 19:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 19:00	2	0.14	4.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 19:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-12 19:00	8			20.24	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-12 19:00	10			2.68	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 19:00	12	0.00	0.00	3.95	4.00			0.00	0.00	20.90	20.90			0.03	0.40
2016-05-12 19:00	13			2.17	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 20:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 20:00	5			3.81	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-12 20:00	8			16.79	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-05-12 20:00	10			2.28	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 20:00	12	0.00	0.00	3.13	5.00			0.00	0.00	20.90	20.90			0.00	0.00

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2016-05-12 20:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 21:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2016-05-12 21:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 21:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 21:00	8			13.58	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 21:00	10			2.10	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 21:00	12	0.00	0.00	2.78	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 21:00	13			1.89	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 22:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.66	20.70			0.00	0.00
2016-05-12 22:00	2	0.04	0.80			0.00	0.00	0.00	0.00	20.91	21.30			0.00	0.00
2016-05-12 22:00	5			3.84	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-12 22:00	8			11.26	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-12 22:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 22:00	12	0.00	0.00	2.34	3.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-05-12 22:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 23:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-05-12 23:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 23:00	5			3.78	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-12 23:00	8			9.83	11.00			0.80	3.10	20.90	20.90	0.00	0.00	0.02	0.10
2016-05-12 23:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-12 23:00	12	0.00	0.10	2.05	3.00			0.00	0.00	20.90	20.90			0.02	0.20
2016-05-12 23:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2016-05-13 00:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 00:00	5			3.84	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-13 00:00	8			8.10	10.00			3.36	3.50	20.90	20.90	0.00	0.00	0.04	0.10
2016-05-13 00:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 00:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.12	0.70
2016-05-13 00:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 01:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.52	20.60			0.06	0.60
2016-05-13 01:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-13 01:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 01:00	8			7.00	8.00			3.70	3.80	20.90	20.90	0.00	0.00	0.03	0.10
2016-05-13 01:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 01:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.90	20.90			0.69	0.80
2016-05-13 01:00	13			1.79	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2016-05-13 02:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.52	20.60			0.01	0.30
2016-05-13 02:00	2	0.05	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 02:00	5			3.73	4.00			0.00	0.00	20.79	20.90	0.01	0.10	0.00	0.00
2016-05-13 02:00	8			5.93	7.00			3.86	4.00	20.90	20.90	0.00	0.00	0.07	0.20
2016-05-13 02:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 02:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.90	20.90			0.24	0.70
2016-05-13 02:00	13			1.39	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.30
2016-05-13 03:00	1	0.00	0.10			0.00	0.00	2.31	3.10	20.52	20.60			0.00	0.00
2016-05-13 03:00	2	0.05	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 03:00	5			3.86	4.00			0.00	0.00	20.71	20.90	0.00	0.10	0.00	0.00
2016-05-13 03:00	8			5.55	6.00			4.05	4.30	20.90	20.90	0.00	0.00	0.06	0.20
2016-05-13 03:00	10			1.86	2.00	0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.10
2016-05-13 03:00	12	0.00	0.00	2.03	4.00			0.00	0.00	20.90	20.90			0.20	0.90
2016-05-13 03:00	13			1.72	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	0.20
2016-05-13 04:00	1	0.00	0.10			0.00	0.00	3.15	3.20	20.53	20.90			0.00	0.00
2016-05-13 04:00	2	0.08	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 04:00	5			3.89	4.00			0.00	0.00	20.58	20.70	0.00	0.10	0.00	0.00
2016-05-13 04:00	8			5.11	8.00			4.28	4.50	20.90	20.90	0.00	0.00	0.05	0.10
2016-05-13 04:00	10			1.79	2.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2016-05-13 04:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.21	0.30
2016-05-13 04:00	13			1.76	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.20
2016-05-13 05:00	1	0.00	0.00			0.00	0.00	3.20	3.20	20.69	20.90			0.00	0.00
2016-05-13 05:00	2	0.14	0.70			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 05:00	5			3.90	5.00			0.00	0.00	20.59	20.60	0.00	0.10	0.00	0.00
2016-05-13 05:00	8			4.84	7.00			4.51	4.60	20.90	20.90	0.00	0.00	0.06	0.10
2016-05-13 05:00	10			1.88	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.10

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2016-05-13 05:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.90	20.90			0.24	0.40
2016-05-13 05:00	13			1.79	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2016-05-13 06:00	1	0.00	0.10			0.00	0.00	3.26	3.30	20.64	20.90			0.00	0.00
2016-05-13 06:00	2	0.14	0.80			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 06:00	5			3.90	5.00			0.00	0.00	20.55	20.70	0.01	0.10	0.00	0.00
2016-05-13 06:00	8			4.38	7.00			4.65	4.80	20.90	20.90	0.00	0.00	0.07	0.10
2016-05-13 06:00	10			1.88	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-05-13 06:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.90	20.90			0.26	1.00
2016-05-13 06:00	13			1.62	2.00			0.00	0.00	20.68	20.90	0.00	0.00	0.18	0.20
2016-05-13 07:00	1	0.01	0.20			0.00	0.00	3.12	3.30	20.53	20.90			0.00	0.00
2016-05-13 07:00	2	0.05	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 07:00	5			3.86	5.00			0.00	0.00	20.54	20.60	0.01	0.10	0.00	0.00
2016-05-13 07:00	8			4.95	7.00			4.20	4.60	20.90	20.90	0.00	0.00	0.05	0.10
2016-05-13 07:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-05-13 07:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.86	20.90			0.26	0.50
2016-05-13 07:00	13			1.78	2.00			0.00	0.00	20.78	20.90	0.00	0.00	0.04	0.20
2016-05-13 08:00	1	0.03	0.40			0.00	0.00	2.61	2.90	20.60	20.90			0.03	0.70
2016-05-13 08:00	2	0.02	0.30			0.01	0.10	0.00	0.00	20.61	20.90			0.00	0.00
2016-05-13 08:00	5			3.95	4.00			0.00	0.00	20.58	20.60	0.00	0.10	0.00	0.00
2016-05-13 08:00	8			6.54	8.00			3.27	3.80	20.90	20.90	0.00	0.00	0.02	0.10
2016-05-13 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2016-05-13 08:00	12	0.00	0.00	2.08	3.00			0.00	0.00	20.77	20.90			0.13	0.40
2016-05-13 08:00	13			1.76	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-05-13 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.61	1.70
2016-05-13 09:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-13 09:00	5			3.90	4.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-05-13 09:00	8			8.92	11.00			0.30	2.90	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-13 09:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 09:00	12	0.00	0.00	2.81	4.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-05-13 09:00	13			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 10:00	1	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.77	2.10

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-13 10:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 10:00	5			3.85	5.00			0.00	0.00	20.63	20.70	0.01	0.10	0.00	0.00
2016-05-13 10:00	8			13.37	20.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-13 10:00	10			2.40	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 10:00	12	0.00	0.00	4.13	6.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-13 10:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 11:00	1	0.04	0.40			0.00	0.10	0.00	0.00	20.90	20.90			1.00	1.70
2016-05-13 11:00	2	0.10	4.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 11:00	5			3.95	4.00			0.00	0.00	20.81	20.90	0.00	0.10	0.00	0.00
2016-05-13 11:00	8			15.95	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 11:00	10			3.27	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 11:00	12	0.01	0.30	4.88	6.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-13 11:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 12:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.70
2016-05-13 12:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-05-13 12:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-13 12:00	8			16.40	21.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 12:00	10			3.48	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 12:00	12	0.01	0.20	5.12	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 13:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.83	1.40
2016-05-13 13:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.30
2016-05-13 13:00	5			3.86	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 13:00	8			16.69	18.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 13:00	10			4.10	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 13:00	12	0.00	0.00	6.63	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 13:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 14:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.76	1.70
2016-05-13 14:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2016-05-13 14:00	5			3.90	5.00			0.00	0.00	20.91	21.30	0.00	0.00	0.00	0.00
2016-05-13 14:00	8			17.92	20.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-13 14:00	10			3.97	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 14:00	12	0.01	0.10	7.67	9.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-05-13 14:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 15:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.73	1.70
2016-05-13 15:00	2	0.02	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-05-13 15:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 15:00	8			14.35	17.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 15:00	10			4.57	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 15:00	12	0.01	0.20	7.41	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 15:00	13			2.90	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 16:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.98	2.40
2016-05-13 16:00	2	0.03	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 16:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-13 16:00	8			13.13	14.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-05-13 16:00	10			4.51	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 16:00	12	0.00	0.00	8.10	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 16:00	13			5.18	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 17:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.99	1.70
2016-05-13 17:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 17:00	5			3.85	4.00			0.00	0.00	20.92	21.50	0.00	0.10	0.00	0.00
2016-05-13 17:00	8			13.43	16.00			0.00	0.00	20.96	21.20	0.00	0.00	0.00	0.00
2016-05-13 17:00	10			5.36	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 17:00	12	0.00	0.10	7.84	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 17:00	13			5.33	8.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 18:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.86	1.70
2016-05-13 18:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-05-13 18:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 18:00	8			11.90	16.00			0.00	0.00	20.94	21.20	0.00	0.10	0.00	0.00
2016-05-13 18:00	10			4.32	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 18:00	12	0.00	0.00	6.32	9.00			0.00	0.00	20.90	20.90			0.04	0.20
2016-05-13 18:00	13			2.54	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-13 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.91	1.70
2016-05-13 19:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-05-13 19:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 19:00	8			9.02	12.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 19:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 19:00	12	0.00	0.00	4.61	6.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-05-13 19:00	13			2.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.98	2.40
2016-05-13 20:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.30
2016-05-13 20:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 20:00	8			8.18	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 20:00	10			3.38	4.00	0.00	0.00	0.00	0.00	20.91	21.30			0.00	0.00
2016-05-13 20:00	12	0.00	0.00	4.13	5.00			0.00	0.00	20.90	20.90			0.01	0.40
2016-05-13 20:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 21:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.86	1.70
2016-05-13 21:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.30
2016-05-13 21:00	5			3.78	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-13 21:00	8			6.46	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-13 21:00	10			3.03	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 21:00	12	0.00	0.00	3.64	5.00			0.00	0.00	20.90	20.90			0.06	0.40
2016-05-13 21:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 22:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.30
2016-05-13 22:00	2	0.37	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.64	1.30
2016-05-13 22:00	5			4.39	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-13 22:00	8			6.95	9.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-05-13 22:00	10			3.68	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 22:00	12	0.00	0.00	4.74	7.00			0.00	0.00	20.90	20.90			0.01	0.50
2016-05-13 22:00	13			2.43	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.20
2016-05-13 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.79	2.40
2016-05-13 23:00	2	0.64	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.97	1.20
2016-05-13 23:00	5			4.27	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00



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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-13 23:00	8			5.05	8.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-13 23:00	10			3.34	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-13 23:00	12	0.00	0.00	3.63	5.00			0.00	0.00	20.90	20.90			0.08	0.20
2016-05-13 23:00	13			2.61	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.17	0.40
2016-05-14 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.60
2016-05-14 00:00	2	0.77	1.50			0.00	0.10	0.00	0.00	20.90	20.90			0.83	1.20
2016-05-14 00:00	5			4.10	6.00			0.00	0.00	20.88	21.20	0.01	0.10	0.00	0.00
2016-05-14 00:00	8			3.18	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.06	0.10
2016-05-14 00:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 00:00	12	0.00	0.00	3.00	4.00			0.00	0.00	20.90	20.90			0.19	0.30
2016-05-14 00:00	13			2.00	2.00			0.00	0.00	20.63	20.90	0.00	0.00	0.18	0.30
2016-05-14 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.60
2016-05-14 01:00	2	0.85	1.60			0.01	0.10	0.00	0.00	20.90	20.90			0.79	1.30
2016-05-14 01:00	5			3.94	4.00			0.00	0.00	20.67	20.90	0.00	0.10	0.00	0.00
2016-05-14 01:00	8			2.28	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.06	0.10
2016-05-14 01:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 01:00	12	0.00	0.00	2.45	3.00			0.00	0.00	20.90	20.90			0.21	0.40
2016-05-14 01:00	13			1.95	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.20	0.30
2016-05-14 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.60
2016-05-14 02:00	2	0.83	1.40			0.01	0.10	0.00	0.00	20.90	20.90			0.82	1.10
2016-05-14 02:00	5			3.98	5.00			0.00	0.00	20.46	20.70	0.00	0.00	0.00	0.00
2016-05-14 02:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.02	0.10	0.06	0.10
2016-05-14 02:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-05-14 02:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.84	20.90			0.21	0.40
2016-05-14 02:00	13			1.98	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.20	0.30
2016-05-14 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-14 03:00	2	0.86	1.40			0.01	0.10	0.00	0.00	20.90	20.90			0.66	1.00
2016-05-14 03:00	5			3.89	4.00			0.00	0.00	20.44	20.50	0.01	0.10	0.00	0.00
2016-05-14 03:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.02	0.10	0.05	0.10
2016-05-14 03:00	10			1.82	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 03:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.66	20.90			0.24	0.50

Bridgeton Sanitary Landfill  
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-14 03:00	13			1.89	4.00			0.00	0.00	20.47	20.50	0.00	0.00	0.18	0.30
2016-05-14 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 04:00	2	0.80	1.60			0.02	0.10	0.00	0.00	20.90	20.90			0.55	0.80
2016-05-14 04:00	5			3.88	5.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2016-05-14 04:00	8			1.88	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.10
2016-05-14 04:00	10			1.51	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-05-14 04:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.64	20.70			0.22	0.40
2016-05-14 04:00	13			1.56	3.00			0.00	0.00	20.48	20.50	0.00	0.00	0.17	0.20
2016-05-14 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 05:00	2	0.88	1.30			0.01	0.10	0.00	0.00	20.90	20.90			0.45	0.60
2016-05-14 05:00	5			3.97	5.00			0.00	0.00	20.64	20.90	0.01	0.10	0.00	0.00
2016-05-14 05:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.08	0.20
2016-05-14 05:00	10			1.54	2.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2016-05-14 05:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.66	20.70			0.21	0.40
2016-05-14 05:00	13			1.79	3.00			0.00	0.00	20.48	20.50	0.00	0.00	0.09	0.20
2016-05-14 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-14 06:00	2	1.12	2.20			0.01	0.10	0.00	0.00	20.90	20.90			0.51	0.60
2016-05-14 06:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 06:00	8			1.56	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.06	0.20
2016-05-14 06:00	10			1.57	2.00	0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.10
2016-05-14 06:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.61	20.70			0.25	0.40
2016-05-14 06:00	13			1.84	2.00			0.00	0.00	20.44	20.60	0.00	0.00	0.09	0.20
2016-05-14 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-14 07:00	2	0.99	1.80			0.03	0.10	0.00	0.00	20.65	20.90			0.41	0.80
2016-05-14 07:00	5			3.77	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-14 07:00	8			1.53	2.00			0.00	0.00	20.90	20.90	0.02	0.10	0.06	0.20
2016-05-14 07:00	10			1.50	3.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-05-14 07:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.60	20.60			0.25	1.00
2016-05-14 07:00	13			1.58	2.00			0.00	0.00	20.45	20.50	0.00	0.00	0.08	0.20
2016-05-14 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 08:00	2	0.96	1.60			0.02	0.10	0.00	0.00	20.62	20.70			0.30	0.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-14 08:00	5			3.84	4.00			0.00	0.00	20.72	20.90	0.00	0.10	0.00	0.00
2016-05-14 08:00	8			1.90	2.00			0.00	0.00	20.90	20.90	0.02	0.10	0.05	0.10
2016-05-14 08:00	10			1.63	3.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-05-14 08:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.60	20.70			0.22	0.40
2016-05-14 08:00	13			1.73	2.00			0.00	0.00	20.44	20.50	0.00	0.10	0.02	0.20
2016-05-14 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 09:00	2	0.62	1.50			0.01	0.10	0.00	0.00	20.88	20.90			0.40	0.90
2016-05-14 09:00	5			3.83	4.00			0.00	0.00	20.54	20.90	0.00	0.00	0.00	0.00
2016-05-14 09:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-14 09:00	10			1.57	2.00	0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2016-05-14 09:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.64	20.90			0.81	1.20
2016-05-14 09:00	13			1.68	3.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.10
2016-05-14 10:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-14 10:00	2	0.60	1.10			0.01	0.10	0.00	0.00	20.90	20.90			0.29	0.50
2016-05-14 10:00	5			3.84	6.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2016-05-14 10:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.03	0.10
2016-05-14 10:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2016-05-14 10:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.73	20.90			0.96	1.10
2016-05-14 10:00	13			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-14 11:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.60
2016-05-14 11:00	2	0.54	1.20			0.00	0.10	0.00	0.00	20.90	20.90			0.19	0.30
2016-05-14 11:00	5			3.95	5.00			0.00	0.00	20.48	20.50	0.01	0.10	0.00	0.00
2016-05-14 11:00	8			2.41	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.10
2016-05-14 11:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 11:00	12	0.00	0.00	2.10	3.00			0.00	0.00	20.90	20.90			0.84	1.10
2016-05-14 11:00	13			1.92	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-14 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-05-14 12:00	2	0.56	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-05-14 12:00	5			3.87	4.00			0.00	0.00	20.57	20.60	0.00	0.10	0.00	0.00
2016-05-14 12:00	8			3.31	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.10
2016-05-14 12:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-14 12:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.72	1.00
2016-05-14 12:00	13			1.88	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-05-14 13:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-05-14 13:00	2	0.53	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2016-05-14 13:00	5			3.97	5.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-05-14 13:00	8			3.92	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-14 13:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 13:00	12	0.00	0.00	2.92	4.00			0.00	0.00	20.90	20.90			0.67	0.70
2016-05-14 13:00	13			1.84	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.20	1.00
2016-05-14 14:00	2	0.44	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-05-14 14:00	5			3.75	5.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-05-14 14:00	8			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-14 14:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 14:00	12	0.00	0.00	2.95	3.00			0.00	0.00	20.90	20.90			0.66	0.70
2016-05-14 14:00	13			1.45	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.38	1.40
2016-05-14 15:00	2	0.50	1.20			0.00	0.10	0.00	0.00	20.90	20.90			0.01	0.10
2016-05-14 15:00	5			3.79	5.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-05-14 15:00	8			4.05	6.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-14 15:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 15:00	12	0.00	0.00	3.03	4.00			0.00	0.00	20.90	20.90			0.58	0.70
2016-05-14 15:00	13			1.63	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.60
2016-05-14 16:00	2	0.45	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-05-14 16:00	5			3.76	4.00			0.00	0.00	20.61	20.70	0.00	0.10	0.00	0.00
2016-05-14 16:00	8			4.70	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-14 16:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 16:00	12	0.00	0.00	3.16	4.00			0.00	0.00	20.90	20.90			0.50	0.70
2016-05-14 16:00	13			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	1.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-14 17:00	2	0.45	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 17:00	5			3.85	5.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-05-14 17:00	8			5.32	7.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-14 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 17:00	12	0.00	0.00	3.11	4.00			0.00	0.00	20.90	20.90			0.54	0.70
2016-05-14 17:00	13			1.76	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.60
2016-05-14 18:00	2	0.34	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 18:00	5			4.00	5.00			0.00	0.00	20.61	20.70	0.00	0.10	0.00	0.00
2016-05-14 18:00	8			4.33	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.20
2016-05-14 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 18:00	12	0.00	0.00	2.97	4.00			0.00	0.00	20.90	20.90			0.66	0.80
2016-05-14 18:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-05-14 19:00	2	0.39	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-05-14 19:00	5			4.00	5.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-05-14 19:00	8			3.22	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.10
2016-05-14 19:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 19:00	12	0.00	0.00	2.28	3.00			0.00	0.00	20.90	20.90			0.76	1.00
2016-05-14 19:00	13			1.80	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.60
2016-05-14 20:00	2	0.43	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2016-05-14 20:00	5			3.83	4.00			0.00	0.00	20.60	20.70	0.00	0.10	0.00	0.00
2016-05-14 20:00	8			2.24	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.10
2016-05-14 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 20:00	12	0.00	0.00	2.08	3.00			0.00	0.00	20.90	20.90			0.90	1.00
2016-05-14 20:00	13			1.78	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-05-14 21:00	2	0.61	1.10			0.01	0.10	0.00	0.00	20.90	20.90			0.34	0.60
2016-05-14 21:00	5			3.86	5.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-05-14 21:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10

Bridgeton Sanitary Landfill  
AreaRAE Monitoring Data  
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-14 21:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 21:00	12	0.00	0.00	2.11	5.00			0.00	0.00	20.90	20.90			0.95	1.20
2016-05-14 21:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-14 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2016-05-14 22:00	2	0.74	1.30			0.01	0.10	0.00	0.00	20.90	20.90			0.43	0.70
2016-05-14 22:00	5			3.63	4.00			0.00	0.00	20.60	20.60	0.01	0.10	0.00	0.00
2016-05-14 22:00	8			1.92	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.06	0.10
2016-05-14 22:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-14 22:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.90	20.90			1.05	1.20
2016-05-14 22:00	13			1.73	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-05-14 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2016-05-14 23:00	2	0.65	1.40			0.01	0.10	0.00	0.00	20.90	20.90			0.55	1.00
2016-05-14 23:00	5			3.87	4.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-05-14 23:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.20
2016-05-14 23:00	10			1.73	2.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2016-05-14 23:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.90	20.90			1.07	1.20
2016-05-14 23:00	13			1.74	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.20
2016-05-15 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.30
2016-05-15 00:00	2	0.62	1.30			0.02	0.10	0.00	0.00	20.90	20.90			0.66	1.10
2016-05-15 00:00	5			3.68	4.00			0.00	0.00	20.51	20.60	0.01	0.10	0.00	0.00
2016-05-15 00:00	8			1.36	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-15 00:00	10			1.70	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 00:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.79	20.90			1.09	1.20
2016-05-15 00:00	13			1.84	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.30
2016-05-15 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.30
2016-05-15 01:00	2	0.63	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.85	1.10
2016-05-15 01:00	5			3.92	5.00			0.00	0.00	20.51	20.60	0.00	0.10	0.00	0.00
2016-05-15 01:00	8			1.41	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-15 01:00	10			1.81	3.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2016-05-15 01:00	12	0.00	0.00	1.88	3.00			0.00	0.00	20.61	20.70			1.11	1.20
2016-05-15 01:00	13			1.69	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.30	0.50

Bridgeton Sanitary Landfill  
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-15 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.60
2016-05-15 02:00	2	0.65	1.10			0.01	0.10	0.00	0.00	20.90	20.90			1.03	1.20
2016-05-15 02:00	5			3.89	5.00			0.00	0.00	20.53	20.60	0.01	0.10	0.00	0.00
2016-05-15 02:00	8			1.56	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.10
2016-05-15 02:00	10			1.77	3.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-05-15 02:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.61	20.70			1.14	1.20
2016-05-15 02:00	13			1.69	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.42	0.60
2016-05-15 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-15 03:00	2	0.66	1.40			0.00	0.10	0.00	0.00	20.95	21.70			1.20	1.40
2016-05-15 03:00	5			3.88	5.00			0.00	0.00	20.56	20.90	0.00	0.10	0.00	0.00
2016-05-15 03:00	8			1.35	3.00			0.00	0.00	20.90	20.90	0.02	0.10	0.07	0.20
2016-05-15 03:00	10			1.80	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-05-15 03:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.60	20.60			1.19	1.20
2016-05-15 03:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.48	0.60
2016-05-15 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-15 04:00	2	0.80	1.70			0.01	0.10	0.00	0.00	20.94	21.60			1.25	1.40
2016-05-15 04:00	5			3.79	4.00			0.00	0.00	20.83	20.90	0.00	0.10	0.00	0.00
2016-05-15 04:00	8			1.18	2.00			0.00	0.00	20.90	20.90	0.02	0.10	0.07	0.20
2016-05-15 04:00	10			1.64	2.00	0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.10
2016-05-15 04:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.61	20.70			1.19	1.20
2016-05-15 04:00	13			1.78	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.49	0.60
2016-05-15 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-15 05:00	2	0.68	1.30			0.01	0.10	0.00	0.00	20.98	21.80			1.53	1.70
2016-05-15 05:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-15 05:00	8			1.31	3.00			0.00	0.00	20.90	20.90	0.03	0.10	0.10	0.30
2016-05-15 05:00	10			1.74	2.00	0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.10
2016-05-15 05:00	12	0.00	0.00	1.98	3.00			0.00	0.00	20.57	20.60			1.20	1.30
2016-05-15 05:00	13			1.71	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.53	0.70
2016-05-15 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-15 06:00	2	0.74	1.30			0.03	0.10	0.00	0.00	20.90	20.90			1.31	1.60
2016-05-15 06:00	5			3.95	4.00			0.00	0.00	20.47	20.90	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-15 06:00	8			1.20	3.00			0.00	0.00	20.90	20.90	0.03	0.10	0.08	0.30
2016-05-15 06:00	10			1.61	2.00	0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2016-05-15 06:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.59	20.60			1.20	1.20
2016-05-15 06:00	13			1.79	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.52	0.60
2016-05-15 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-15 07:00	2	0.70	1.20			0.03	0.10	0.00	0.00	20.90	20.90			0.76	1.20
2016-05-15 07:00	5			3.86	4.00			0.00	0.00	20.43	20.50	0.01	0.10	0.00	0.00
2016-05-15 07:00	8			1.21	3.00			0.00	0.00	20.90	20.90	0.03	0.10	0.06	0.10
2016-05-15 07:00	10			1.74	2.00	0.00	0.00	0.00	0.00	20.55	20.70			0.00	0.00
2016-05-15 07:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.55	20.60			1.18	1.20
2016-05-15 07:00	13			1.84	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	0.50
2016-05-15 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-15 08:00	2	0.54	0.80			0.00	0.10	0.00	0.00	20.90	20.90			0.33	0.60
2016-05-15 08:00	5			4.06	6.00			0.00	0.00	20.44	20.50	0.00	0.00	0.00	0.00
2016-05-15 08:00	8			1.59	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-15 08:00	10			1.83	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-15 08:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.58	20.60			1.08	1.20
2016-05-15 08:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.30
2016-05-15 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.60
2016-05-15 09:00	2	0.53	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-05-15 09:00	5			3.87	5.00			0.00	0.00	20.49	20.50	0.01	0.10	0.00	0.00
2016-05-15 09:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-15 09:00	10			2.06	3.00	0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2016-05-15 09:00	12	0.00	0.10	2.28	4.00			0.00	0.00	20.79	20.90			0.85	1.00
2016-05-15 09:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-05-15 10:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-15 10:00	2	0.40	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 10:00	5			3.93	5.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.00
2016-05-15 10:00	8			2.62	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-15 10:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 10:00	12	0.00	0.00	3.05	4.00			0.00	0.00	20.90	20.90			0.69	0.80



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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-15 10:00	13			1.92	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 11:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.60
2016-05-15 11:00	2	0.40	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 11:00	5			3.98	6.00			0.00	0.00	20.65	20.70	0.01	0.10	0.00	0.00
2016-05-15 11:00	8			3.58	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-05-15 11:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 11:00	12	0.00	0.00	3.37	4.00			0.00	0.00	20.90	20.90			0.69	0.70
2016-05-15 11:00	13			1.80	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.10	1.00
2016-05-15 12:00	2	0.42	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 12:00	5			3.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 12:00	8			4.21	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 12:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 12:00	12	0.00	0.00	3.59	4.00			0.00	0.00	20.90	20.90			0.61	0.70
2016-05-15 12:00	13			1.67	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 13:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.17	1.70
2016-05-15 13:00	2	0.46	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 13:00	5			3.91	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-15 13:00	8			4.82	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 13:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 13:00	12	0.00	0.00	3.95	5.00			0.00	0.00	20.90	20.90			0.58	0.70
2016-05-15 13:00	13			1.60	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 14:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.40	1.70
2016-05-15 14:00	2	0.34	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 14:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 14:00	8			4.73	8.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-15 14:00	10			2.18	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 14:00	12	0.00	0.10	3.43	4.00			0.00	0.00	20.90	20.90			0.49	0.70
2016-05-15 14:00	13			1.78	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	1.40
2016-05-15 15:00	2	0.39	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-15 15:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 15:00	8			3.65	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 15:00	10			2.51	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 15:00	12	0.00	0.00	3.06	4.00			0.00	0.00	20.90	20.90			0.46	0.70
2016-05-15 15:00	13			1.94	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.41	1.70
2016-05-15 16:00	2	0.48	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 16:00	5			3.68	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 16:00	8			3.84	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 16:00	10			2.85	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 16:00	12	0.00	0.00	3.24	4.00			0.00	0.00	20.90	20.90			0.51	0.70
2016-05-15 16:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.27	1.30
2016-05-15 17:00	2	0.34	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 17:00	5			3.78	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 17:00	8			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 17:00	10			2.95	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 17:00	12	0.05	2.00	2.95	4.00			0.00	0.00	20.90	20.90			0.47	0.60
2016-05-15 17:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.25	1.70
2016-05-15 18:00	2	0.36	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 18:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 18:00	8			4.15	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-05-15 18:00	10			2.45	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 18:00	12	0.00	0.00	3.69	4.00			0.00	0.00	20.90	20.90			0.50	0.70
2016-05-15 18:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.39	1.30
2016-05-15 19:00	2	0.25	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 19:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 19:00	8			3.95	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-15 19:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-15 19:00	12	0.00	0.00	3.14	4.00			0.00	0.00	20.90	20.90			0.65	0.70
2016-05-15 19:00	13			2.00	2.00			0.00	0.00	21.15	21.30	0.00	0.00	0.00	0.00
2016-05-15 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.45	1.30
2016-05-15 20:00	2	0.38	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-05-15 20:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 20:00	8			3.05	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-15 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 20:00	12	0.00	0.00	2.73	3.00			0.00	0.00	20.90	20.90			0.71	0.90
2016-05-15 20:00	13			1.61	2.00			0.00	0.00	21.08	21.20	0.00	0.00	0.00	0.00
2016-05-15 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.31	1.70
2016-05-15 21:00	2	0.62	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-05-15 21:00	5			3.78	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-15 21:00	8			2.20	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.10
2016-05-15 21:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 21:00	12	0.00	0.10	2.08	3.00			0.00	0.00	20.90	20.90			0.75	0.90
2016-05-15 21:00	13			1.73	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-05-15 22:00	2	0.55	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-05-15 22:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-15 22:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.03	0.10
2016-05-15 22:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 22:00	12	0.00	0.00	2.15	3.00			0.00	0.00	20.90	20.90			0.77	0.90
2016-05-15 22:00	13			1.83	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-05-15 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.60
2016-05-15 23:00	2	0.58	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2016-05-15 23:00	5			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-15 23:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.10
2016-05-15 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-15 23:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.78	0.90
2016-05-15 23:00	13			1.68	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-16 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-16 00:00	2	0.53	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2016-05-16 00:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-05-16 00:00	8			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.10
2016-05-16 00:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 00:00	12	0.00	0.00	2.11	3.00			0.00	0.00	20.90	20.90			0.82	0.90
2016-05-16 00:00	13			1.76	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-16 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.30
2016-05-16 01:00	2	0.41	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.60
2016-05-16 01:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-16 01:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.04	0.10
2016-05-16 01:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 01:00	12	0.00	0.00	2.13	3.00			0.00	0.00	20.90	20.90			0.82	1.00
2016-05-16 01:00	13			1.71	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.20
2016-05-16 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.60
2016-05-16 02:00	2	0.65	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.50	0.60
2016-05-16 02:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-16 02:00	8			1.97	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 02:00	12	0.00	0.00	2.15	4.00			0.00	0.00	20.90	20.90			0.84	1.00
2016-05-16 02:00	13			1.74	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.20
2016-05-16 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.60
2016-05-16 03:00	2	0.54	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.38	0.60
2016-05-16 03:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-05-16 03:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.10
2016-05-16 03:00	10			1.94	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 03:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.85	1.00
2016-05-16 03:00	13			1.86	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-05-16 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.60
2016-05-16 04:00	2	0.61	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.34	0.50
2016-05-16 04:00	5			3.91	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-16 04:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-16 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 04:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.90	20.90			0.87	1.00
2016-05-16 04:00	13			1.84	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-16 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.60
2016-05-16 05:00	2	0.52	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.46	0.80
2016-05-16 05:00	5			4.00	4.00			0.00	0.00	20.75	20.90	0.00	0.00	0.00	0.00
2016-05-16 05:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 05:00	10			2.07	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 05:00	12	0.00	0.00	2.54	4.00			0.00	0.00	20.90	20.90			0.90	1.00
2016-05-16 05:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.20
2016-05-16 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.26	1.30
2016-05-16 06:00	2	0.65	1.30			0.00	0.10	0.00	0.00	20.90	20.90			0.79	1.20
2016-05-16 06:00	5			3.97	5.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-05-16 06:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 06:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 06:00	12	0.00	0.00	2.63	3.00			0.00	0.00	20.90	20.90			0.95	1.10
2016-05-16 06:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.24	0.40
2016-05-16 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.31	1.00
2016-05-16 07:00	2	0.60	1.10			0.00	0.10	0.00	0.00	20.90	20.90			1.05	1.30
2016-05-16 07:00	5			3.98	5.00			0.00	0.00	20.71	20.90	0.00	0.10	0.00	0.00
2016-05-16 07:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 07:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2016-05-16 07:00	12	0.00	0.00	2.10	3.00			0.00	0.00	20.90	20.90			0.97	1.10
2016-05-16 07:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.39	0.50
2016-05-16 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.21	1.00
2016-05-16 08:00	2	0.67	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.82	1.00
2016-05-16 08:00	5			3.92	5.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-05-16 08:00	8			1.90	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 08:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 08:00	12	0.00	0.00	2.15	3.00			0.00	0.00	20.90	20.90			0.90	1.00
2016-05-16 08:00	13			1.79	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	0.50

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-05-16 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-05-16 09:00	2	0.61	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.64	0.90
2016-05-16 09:00	5			3.92	5.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-05-16 09:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-16 09:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 09:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.83	0.90
2016-05-16 09:00	13			1.76	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.50
2016-05-16 10:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.23	1.00
2016-05-16 10:00	2	0.59	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.51	0.60
2016-05-16 10:00	5			3.90	4.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-05-16 10:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-05-16 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 10:00	12	0.00	0.00	2.30	3.00			0.00	0.00	20.90	20.90			0.75	1.00
2016-05-16 10:00	13			1.70	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.30
2016-05-16 11:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.34	1.00
2016-05-16 11:00	2	0.55	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.61	0.80
2016-05-16 11:00	5			3.94	5.00			0.00	0.00	20.60	20.60	0.01	0.10	0.00	0.00
2016-05-16 11:00	8			2.11	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-16 11:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 11:00	12	0.00	0.00	2.90	4.00			0.00	0.00	20.90	20.90			0.78	1.00
2016-05-16 11:00	13			1.92	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.30
2016-05-16 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.34	1.00
2016-05-16 12:00	2	0.38	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.58	0.70
2016-05-16 12:00	5			3.62	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-05-16 12:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-05-16 12:00	10			2.09	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 12:00	12	0.00	0.00	2.54	3.00			0.00	0.00	20.90	20.90			0.77	0.90
2016-05-16 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.20