

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)
2016-11-03 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.61	20.70			0.02	0.50
2016-11-03 12:00	2	0.46	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 12:00	5			3.98	6.00			0.00	0.00	20.60	20.70	0.00	0.00	0.16	1.10
2016-11-03 12:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 12:00	10			2.83	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 12:00	12	0.01	0.70	3.64	4.00			0.00	0.00	20.90	20.90			0.02	0.30
2016-11-03 12:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 13:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.60	20.60			0.03	1.00
2016-11-03 13:00	2	0.43	2.00			0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2016-11-03 13:00	5			4.00	5.00			0.00	0.00	20.81	20.90	0.00	0.00	0.13	1.10
2016-11-03 13:00	8			1.83	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 13:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 13:00	12	0.00	0.10	3.97	4.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-11-03 13:00	13			1.90	2.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2016-11-03 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.70			0.07	0.50
2016-11-03 14:00	2	0.48	2.20			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-11-03 14:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	1.10
2016-11-03 14:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 14:00	10			2.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 14:00	12	0.01	0.20	4.58	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 14:00	13			1.86	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2016-11-03 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.62	20.70			0.12	1.00
2016-11-03 15:00	2	0.59	2.50			0.00	0.00	0.00	0.00	20.79	20.90			0.00	0.00
2016-11-03 15:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-11-03 15:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 15:00	10			3.08	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 15:00	12	0.02	0.20	4.28	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 15:00	13			2.43	5.00			0.00	0.00	20.79	20.90	0.00	0.00	0.00	0.00
2016-11-03 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.08	1.00
2016-11-03 16:00	2	0.52	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 16:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	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)
2016-11-03 16:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-11-03 16:00	10			3.08	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 16:00	12	0.01	0.20	5.03	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 16:00	13			3.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.50
2016-11-03 17:00	2	0.53	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 17:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 17:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 17:00	10			2.77	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 17:00	12	0.00	0.00	4.38	7.00			0.00	0.00	20.90	20.90			0.04	0.30
2016-11-03 17:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-11-03 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.82	20.90			0.03	0.50
2016-11-03 18:00	2	0.59	2.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 18:00	5			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-11-03 18:00	8			1.93	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 18:00	12	0.00	0.00	3.72	4.00			0.00	0.00	20.90	20.90			0.47	1.50
2016-11-03 18:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.90
2016-11-03 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.62	20.70			0.03	0.50
2016-11-03 19:00	2	0.68	2.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 19:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-11-03 19:00	8			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 19:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 19:00	12	0.00	0.00	3.08	4.00			0.00	0.00	20.90	20.90			1.04	1.50
2016-11-03 19:00	13			1.93	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.34	0.90
2016-11-03 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.60	20.60			0.02	0.50
2016-11-03 20:00	2	0.63	1.70			0.00	0.00	0.00	0.00	20.86	21.10			0.00	0.00
2016-11-03 20:00	5			3.90	4.00			0.00	0.00	20.73	20.90	0.00	0.00	0.04	1.10
2016-11-03 20:00	8			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 20:00	12	0.00	0.10	3.02	4.00			0.00	0.00	20.90	20.90			1.07	1.90

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2016-11-03 20:00	13			2.02	3.00			0.00	0.00	20.86	21.10	0.00	0.00	0.50	0.90
2016-11-03 21:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.67	20.90			0.02	0.50
2016-11-03 21:00	2	0.78	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 21:00	5			3.92	5.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-11-03 21:00	8			1.20	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 21:00	10			2.00	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 21:00	12	0.02	0.40	3.05	4.00			0.00	0.00	20.90	20.90			1.09	1.90
2016-11-03 21:00	13			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	0.90
2016-11-03 22:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.62	20.90			0.11	1.00
2016-11-03 22:00	2	0.54	2.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 22:00	5			3.90	4.00			0.00	0.00	20.58	20.70	0.00	0.00	0.03	0.50
2016-11-03 22:00	8			1.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 22:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 22:00	12	0.01	0.30	2.95	3.00			0.00	0.00	20.90	20.90			1.14	1.90
2016-11-03 22:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.71	0.90
2016-11-03 23:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.63	20.90			0.53	1.50
2016-11-03 23:00	2	0.62	2.10			0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2016-11-03 23:00	5			3.93	5.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2016-11-03 23:00	8			1.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-03 23:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-03 23:00	12	0.00	0.20	2.98	3.00			0.00	0.00	20.90	20.90			1.13	1.90
2016-11-03 23:00	13			2.00	3.00			0.00	0.00	20.85	20.90	0.00	0.00	0.66	0.90
2016-11-04 00:00	1	0.00	0.00			0.00	0.00			20.61	20.90			0.62	2.00
2016-11-04 00:00	2	0.58	1.80			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2016-11-04 00:00	5			4.00	5.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2016-11-04 00:00	8			1.02	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 00:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 00:00	12	0.00	0.00	2.82	4.00			0.00	0.00	20.90	20.90			1.27	1.90
2016-11-04 00:00	13			1.97	4.00			0.00	0.00	20.59	20.60	0.00	0.00	0.51	0.90
2016-11-04 01:00	1	0.00	0.00			0.00	0.00			20.66	20.90			0.32	1.00
2016-11-04 01:00	2	0.61	1.70			0.00	0.00	0.00	0.00	20.64	21.30			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)
2016-11-04 01:00	5			3.98	5.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-11-04 01:00	8			0.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 01:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 01:00	12	0.00	0.20	2.93	3.00			0.00	0.00	20.90	20.90			1.28	2.30
2016-11-04 01:00	13			1.95	3.00			0.00	0.00	20.64	21.30	0.00	0.00	0.56	0.90
2016-11-04 02:00	1	0.00	0.00			0.00	0.00			20.66	20.90			0.07	0.50
2016-11-04 02:00	2	0.46	1.60			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-11-04 02:00	5			4.00	7.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-04 02:00	8			1.00	2.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.00
2016-11-04 02:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 02:00	12	0.00	0.00	2.85	3.00			0.00	0.00	20.90	20.90			1.48	2.30
2016-11-04 02:00	13			1.98	3.00			0.00	0.00	20.52	20.60	0.00	0.00	0.71	0.90
2016-11-04 03:00	1	0.00	0.00			0.00	0.00			20.75	20.90			0.01	0.50
2016-11-04 03:00	2	0.59	1.80			0.00	0.00	0.00	0.00	20.83	21.30			0.00	0.00
2016-11-04 03:00	5			3.97	5.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-11-04 03:00	8			1.02	2.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.00
2016-11-04 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2016-11-04 03:00	12	0.00	0.00	2.68	4.00			0.00	0.00	20.90	20.90			1.63	2.30
2016-11-04 03:00	13			2.00	2.00			0.00	0.00	20.83	21.30	0.00	0.00	0.72	1.20
2016-11-04 04:00	1	0.00	0.00			0.00	0.00			20.71	20.90			0.00	0.00
2016-11-04 04:00	2	0.51	1.80			0.00	0.00	0.00	0.00	20.70	21.30			0.00	0.00
2016-11-04 04:00	5			4.02	5.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-04 04:00	8			1.03	3.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-11-04 04:00	10			2.00	4.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2016-11-04 04:00	12	0.00	0.10	2.47	4.00			0.00	0.00	20.90	20.90			1.73	2.30
2016-11-04 04:00	13			1.98	3.00			0.00	0.00	20.70	21.30	0.00	0.00	0.74	1.50
2016-11-04 05:00	1	0.00	0.00			0.00	0.00			20.74	20.90			0.00	0.00
2016-11-04 05:00	2	0.97	3.50			0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2016-11-04 05:00	5			3.93	4.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2016-11-04 05:00	8			1.03	2.00			0.00	0.00	20.61	21.30	0.00	0.00	0.00	0.00
2016-11-04 05:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.75	20.90			0.00	0.00

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2016-11-04 05:00	12	0.00	0.10	2.73	3.00			0.00	0.00	20.87	20.90			1.71	2.30
2016-11-04 05:00	13			1.98	4.00			0.00	0.00	20.49	20.50	0.00	0.00	0.78	1.50
2016-11-04 06:00	1	0.00	0.10			0.00	0.00			20.68	20.90			0.00	0.00
2016-11-04 06:00	2	0.54	2.20			0.00	0.00	0.00	0.00	20.62	21.20			0.00	0.00
2016-11-04 06:00	5			3.92	5.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2016-11-04 06:00	8			1.07	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2016-11-04 06:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.00
2016-11-04 06:00	12	0.00	0.00	2.48	4.00			0.00	0.00	20.62	20.70			1.83	2.30
2016-11-04 06:00	13			1.90	3.00			0.00	0.00	20.62	21.20	0.00	0.00	0.72	0.90
2016-11-04 07:00	1	0.01	0.50			0.00	0.00			20.53	20.90			0.00	0.00
2016-11-04 07:00	2	0.97	2.10			0.00	0.00	0.00	0.00	20.46	20.50			0.00	0.00
2016-11-04 07:00	5			3.88	4.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-04 07:00	8			1.00	3.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2016-11-04 07:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-04 07:00	12	0.03	0.50	2.57	4.00			0.00	0.00	20.80	20.90			1.69	2.30
2016-11-04 07:00	13			2.00	2.00			0.00	0.00	20.46	20.50	0.00	0.00	0.64	1.20
2016-11-04 08:00	1	0.00	0.10			0.00	0.00			20.47	20.60			0.35	1.50
2016-11-04 08:00	2	0.63	1.70			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-11-04 08:00	5			4.02	6.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-11-04 08:00	8			1.08	3.00			0.00	0.00	20.65	20.70	0.00	0.00	0.00	0.00
2016-11-04 08:00	10			1.97	2.00	0.00	0.10	0.00	0.00	20.71	20.90			0.00	0.00
2016-11-04 08:00	12	0.02	0.20	2.98	4.00			0.00	0.00	20.90	20.90			0.86	1.50
2016-11-04 08:00	13			1.87	2.00			0.00	0.00	20.54	20.60	0.00	0.00	0.08	0.60
2016-11-04 09:00	1	0.02	0.30			0.00	0.00			20.47	20.60			0.14	1.00
2016-11-04 09:00	2	0.74	2.10			0.00	0.00	0.00	0.00	20.72	20.90			0.00	0.00
2016-11-04 09:00	5			3.97	6.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-11-04 09:00	8			1.08	3.00			0.00	0.00	20.68	20.70	0.00	0.00	0.00	0.00
2016-11-04 09:00	10			1.98	2.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 09:00	12	0.02	0.30	3.28	4.00			0.00	0.00	20.90	20.90			0.24	0.70
2016-11-04 09:00	13			1.97	3.00			0.00	0.00	20.72	20.90	0.00	0.00	0.00	0.00
2016-11-04 10:00	1	0.01	0.10			0.00	0.00			20.59	20.90			0.58	1.50

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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)
2016-11-04 10:00	2	0.69	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 10:00	5			3.98	6.00			0.00	0.00	20.71	20.90	0.00	0.00	0.01	0.50
2016-11-04 10:00	8			1.82	3.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2016-11-04 10:00	10			2.38	4.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 10:00	12	0.03	0.70	4.65	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 10:00	13			1.93	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 11:00	1	0.00	0.20			0.00	0.00			20.90	20.90			0.74	2.00
2016-11-04 11:00	2	0.91	2.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 11:00	5			4.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	1.10
2016-11-04 11:00	8			2.48	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-11-04 11:00	10			3.43	5.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 11:00	12	0.03	0.30	7.83	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 11:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 12:00	1	0.00	0.10			0.00	0.00			20.90	20.90			0.79	2.00
2016-11-04 12:00	2	0.54	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 12:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2016-11-04 12:00	8			3.57	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.20
2016-11-04 12:00	10			4.18	6.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 12:00	12	0.00	0.00	12.83	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 12:00	13			2.53	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 13:00	1	0.00	0.00			0.00	0.00			20.90	20.90			0.68	2.50
2016-11-04 13:00	2	0.57	2.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 13:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2016-11-04 13:00	8			3.28	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-11-04 13:00	10			4.62	7.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 13:00	12	0.00	0.00	15.82	23.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 13:00	13			3.27	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 14:00	1	0.00	0.00			0.00	0.00			20.90	20.90			0.47	2.00
2016-11-04 14:00	2	0.47	2.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 14:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 14:00	8			2.38	3.00			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)
2016-11-04 14:00	10			4.07	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 14:00	12	0.00	0.00	13.15	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 14:00	13			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 15:00	1	0.00	0.00			0.00	0.00			20.90	20.90			0.19	1.00
2016-11-04 15:00	2	0.48	4.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 15:00	5			3.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 15:00	8			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 15:00	10			3.25	4.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 15:00	12	0.01	0.20	9.00	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 15:00	13			4.30	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-11-04 16:00	1	0.00	0.00			0.00	0.00			20.90	20.90			0.20	1.00
2016-11-04 16:00	2	0.40	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 16:00	5			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 16:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-11-04 16:00	10			3.13	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 16:00	12	0.00	0.00	8.10	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 16:00	13			3.75	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 17:00	1	0.00	0.10			0.00	0.00			20.90	20.90			0.09	0.50
2016-11-04 17:00	2	0.54	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 17:00	5			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 17:00	8			1.95	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 17:00	10			2.63	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 17:00	12	0.00	0.00	4.93	7.00			0.00	0.00	20.90	20.90			0.08	0.70
2016-11-04 17:00	13			1.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 18:00	1	0.00	0.00			0.00	0.00			20.85	20.90			0.06	0.50
2016-11-04 18:00	2	0.43	1.40			0.00	0.00	0.00	0.00	20.91	21.30			0.00	0.00
2016-11-04 18:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 18:00	8			1.45	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 18:00	12	0.00	0.00	3.55	4.00			0.00	0.00	20.90	20.90			0.89	1.90
2016-11-04 18:00	13			1.98	3.00			0.00	0.00	20.91	21.30	0.00	0.00	0.29	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)
2016-11-04 19:00	1	0.00	0.00			0.00	0.00			20.50	20.60			0.39	2.00
2016-11-04 19:00	2	0.50	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 19:00	5			3.88	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 19:00	8			1.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 19:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 19:00	12	0.00	0.10	3.05	5.00			0.00	0.00	20.90	20.90			1.29	2.30
2016-11-04 19:00	13			1.83	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.60	0.90
2016-11-04 20:00	1	0.00	0.00			0.00	0.00			20.47	20.60			0.53	2.00
2016-11-04 20:00	2	0.48	1.60			0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-11-04 20:00	5			4.03	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 20:00	8			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-04 20:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 20:00	12	0.01	0.30	2.77	3.00			0.00	0.00	20.90	20.90			1.43	2.30
2016-11-04 20:00	13			1.88	2.00			0.00	0.00	20.84	20.90	0.00	0.00	0.70	0.90
2016-11-04 21:00	1	0.00	0.00			0.00	0.00			20.46	20.60			0.09	1.00
2016-11-04 21:00	2	0.69	1.90			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-11-04 21:00	5			3.97	5.00			0.00	0.00	20.66	20.90	0.00	0.00	0.00	0.00
2016-11-04 21:00	8			1.00	3.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.00
2016-11-04 21:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 21:00	12	0.01	0.20	2.25	3.00			0.00	0.00	20.90	20.90			1.59	2.30
2016-11-04 21:00	13			1.97	3.00			0.00	0.00	20.59	20.70	0.00	0.00	0.84	1.50
2016-11-04 22:00	1	0.00	0.00			0.00	0.00			20.50	20.60			0.00	0.00
2016-11-04 22:00	2	0.56	1.60			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-11-04 22:00	5			3.93	6.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2016-11-04 22:00	8			0.98	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-11-04 22:00	10			2.00	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-04 22:00	12	0.01	0.20	2.13	3.00			0.00	0.00	20.90	20.90			1.82	2.30
2016-11-04 22:00	13			1.93	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.84	1.20
2016-11-04 23:00	1	0.01	0.30			0.00	0.00			20.45	20.60			0.00	0.00
2016-11-04 23:00	2	0.70	1.90			0.00	0.00	0.00	0.00	20.50	20.70			0.00	0.00
2016-11-04 23:00	5			3.90	5.00			0.00	0.00	20.52	20.60	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)
2016-11-04 23:00	8			0.88	3.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-11-04 23:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.88	20.90			0.00	0.00
2016-11-04 23:00	12	0.00	0.10	2.18	4.00			0.00	0.00	20.90	20.90			2.05	2.30
2016-11-04 23:00	13			1.93	2.00			0.00	0.00	20.50	20.70	0.00	0.00	0.84	1.20
2016-11-05 00:00	1	0.00	0.00			0.00	0.00			20.40	20.40			0.02	0.50
2016-11-05 00:00	2	0.77	2.20			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-11-05 00:00	5			3.87	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-05 00:00	8			0.83	2.00			0.00	0.00	20.66	21.80	0.00	0.00	0.00	0.00
2016-11-05 00:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-05 00:00	12	0.00	0.10	2.00	2.00			0.00	0.00	20.90	20.90			1.95	2.60
2016-11-05 00:00	13			1.83	3.00			0.00	0.00	20.50	20.50	0.00	0.00	0.82	1.20
2016-11-05 01:00	1	0.00	0.00			0.00	0.00			20.43	20.90			0.00	0.00
2016-11-05 01:00	2	0.93	2.70			0.00	0.00	0.00	0.00	20.62	21.30			0.00	0.00
2016-11-05 01:00	5			3.98	6.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-05 01:00	8			0.87	2.00			0.00	0.00	20.65	21.50	0.00	0.00	0.00	0.00
2016-11-05 01:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-11-05 01:00	12	0.00	0.10	1.98	2.00			0.00	0.00	20.90	20.90			2.15	3.40
2016-11-05 01:00	13			1.93	2.00			0.00	0.00	20.62	21.30	0.00	0.00	0.88	1.20
2016-11-05 02:00	1	0.00	0.00			0.00	0.00			20.65	20.90			0.00	0.00
2016-11-05 02:00	2	0.79	3.10			0.00	0.00	0.00	0.00	20.86	21.20			0.00	0.00
2016-11-05 02:00	5			3.95	4.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2016-11-05 02:00	8			0.87	3.00			0.00	0.00	20.65	21.60	0.00	0.00	0.00	0.00
2016-11-05 02:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-11-05 02:00	12	0.01	0.20	2.02	3.00			0.00	0.00	20.90	20.90			2.15	3.00
2016-11-05 02:00	13			1.93	3.00			0.00	0.00	20.86	21.20	0.01	0.10	0.91	1.20
2016-11-05 03:00	1	0.00	0.00			0.00	0.00			20.54	20.90			0.00	0.00
2016-11-05 03:00	2	1.26	3.00			0.00	0.00	0.00	0.00	20.65	21.10			0.00	0.00
2016-11-05 03:00	5			3.83	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-11-05 03:00	8			1.02	2.00			0.00	0.00	20.87	21.70	0.00	0.00	0.00	0.00
2016-11-05 03:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-11-05 03:00	12	0.00	0.10	2.05	3.00			0.00	0.00	20.79	20.90			2.29	3.00

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)
2016-11-05 03:00	13			1.95	2.00			0.00	0.00	20.65	21.10	0.01	0.10	0.95	1.50
2016-11-05 04:00	1	0.00	0.00			0.00	0.00			20.52	20.90			0.00	0.00
2016-11-05 04:00	2	0.43	1.40			0.00	0.00	0.00	0.00	20.59	20.90			0.00	0.00
2016-11-05 04:00	5			4.08	7.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-05 04:00	8			0.88	1.00			0.00	0.00	20.92	21.70	0.00	0.00	0.00	0.00
2016-11-05 04:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-05 04:00	12	0.00	0.10	2.08	4.00			0.00	0.00	20.90	20.90			2.40	3.00
2016-11-05 04:00	13			1.88	2.00			0.00	0.00	20.59	20.90	0.00	0.00	1.00	1.20
2016-11-05 05:00	1	0.00	0.00			0.00	0.00			20.51	20.90			0.00	0.00
2016-11-05 05:00	2	0.82	2.70			0.00	0.00	0.00	0.00	20.54	20.90			0.00	0.00
2016-11-05 05:00	5			3.83	5.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2016-11-05 05:00	8			0.93	2.00			0.00	0.00	20.70	21.30	0.00	0.00	0.00	0.00
2016-11-05 05:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-05 05:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.68	20.90			2.40	3.00
2016-11-05 05:00	13			2.02	3.00			0.00	0.00	20.54	20.90	0.00	0.00	1.00	1.50
2016-11-05 06:00	1	0.01	0.40			0.00	0.00			20.43	20.70			0.00	0.00
2016-11-05 06:00	2	0.54	2.00			0.00	0.00	0.00	0.00	20.40	20.50			0.00	0.00
2016-11-05 06:00	5			3.90	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-05 06:00	8			0.77	1.00			0.00	0.00	20.65	21.50	0.00	0.00	0.00	0.00
2016-11-05 06:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-11-05 06:00	12	0.02	0.30	2.03	3.00			0.00	0.00	20.75	20.90			2.33	3.00
2016-11-05 06:00	13			1.98	4.00			0.00	0.00	20.40	20.50	0.00	0.00	0.95	1.90
2016-11-05 07:00	1	0.00	0.10			0.00	0.00			20.37	20.70			0.00	0.00
2016-11-05 07:00	2	1.02	2.30			0.00	0.00	0.00	0.00	20.40	20.50			0.00	0.00
2016-11-05 07:00	5			3.97	6.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2016-11-05 07:00	8			0.92	2.00			0.00	0.00	20.61	21.50	0.00	0.00	0.00	0.00
2016-11-05 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2016-11-05 07:00	12	0.11	0.70	2.00	2.00			0.00	0.00	20.68	20.90			2.04	2.60
2016-11-05 07:00	13			1.97	2.00			0.00	0.00	20.40	20.50	0.00	0.00	0.92	1.90
2016-11-05 08:00	1	0.01	0.30			0.00	0.00			20.34	20.50			0.00	0.00
2016-11-05 08:00	2	0.57	1.90			0.00	0.00	0.00	0.00	20.43	20.50			0.00	0.00

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)
2016-11-05 08:00	5			3.95	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-05 08:00	8			0.93	2.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2016-11-05 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-05 08:00	12	0.15	0.90	2.20	4.00			0.00	0.00	20.62	20.70			1.58	2.30
2016-11-05 08:00	13			1.95	2.00			0.00	0.00	20.43	20.50	0.00	0.00	0.68	1.50
2016-11-05 09:00	1	0.13	0.80			0.00	0.00	0.00	0.00	20.61	20.90			0.16	1.00
2016-11-05 09:00	2	0.88	2.20			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-11-05 09:00	5			3.90	5.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-05 09:00	8			1.05	2.00			0.00	0.00	20.60	20.90	0.00	0.00	0.00	0.00
2016-11-05 09:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.81	20.90			0.00	0.00
2016-11-05 09:00	12	0.27	1.30	2.63	4.00			0.00	0.00	20.75	20.90			0.76	1.90
2016-11-05 09:00	13			1.92	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.27	0.90
2016-11-05 10:00	1	0.22	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.18	1.00
2016-11-05 10:00	2	0.54	1.80			0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2016-11-05 10:00	5			4.02	5.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-11-05 10:00	8			1.25	3.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.00
2016-11-05 10:00	10			2.07	3.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 10:00	12	0.03	0.30	3.37	4.00			0.00	0.00	20.90	20.90			0.04	0.70
2016-11-05 10:00	13			1.98	3.00			0.00	0.00	20.71	20.90	0.00	0.00	0.01	0.30
2016-11-05 11:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.60	2.00
2016-11-05 11:00	2	0.64	2.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 11:00	5			3.90	6.00			0.00	0.00	20.78	20.90	0.00	0.00	0.00	0.00
2016-11-05 11:00	8			1.90	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 11:00	10			2.83	4.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 11:00	12	0.01	0.30	4.55	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 11:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-11-05 12:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.55	1.50
2016-11-05 12:00	2	0.40	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 12:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 12:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 12:00	10			3.64	5.00	0.00	0.10	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)
2016-11-05 12:00	12	0.00	0.10	6.37	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 13:00	1	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.50
2016-11-05 13:00	2	0.46	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 13:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 13:00	8			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-11-05 13:00	10			3.40	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 13:00	12	0.00	0.00	6.30	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 13:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 14:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.23	1.00
2016-11-05 14:00	2	0.39	2.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 14:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 14:00	8			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 14:00	10			3.08	5.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 14:00	12	0.01	0.20	5.55	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 14:00	13			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 15:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.12	1.00
2016-11-05 15:00	2	0.47	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 15:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 15:00	8			2.02	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 15:00	10			3.20	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 15:00	12	0.01	0.20	5.98	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 15:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 16:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.50
2016-11-05 16:00	2	0.51	2.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 16:00	5			3.87	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 16:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 16:00	10			2.97	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 16:00	12	0.00	0.00	5.08	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 16:00	13			1.93	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 17:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.05	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)
2016-11-05 17:00	2	0.61	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 17:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 17:00	8			1.67	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 17:00	10			2.22	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 17:00	12	0.00	0.00	3.58	4.00			0.00	0.00	20.90	20.90			0.31	1.10
2016-11-05 17:00	13			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.21	0.90
2016-11-05 18:00	1	0.10	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.50
2016-11-05 18:00	2	0.41	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 18:00	5			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 18:00	8			1.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 18:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 18:00	12	0.00	0.00	2.92	3.00			0.00	0.00	20.90	20.90			1.15	1.90
2016-11-05 18:00	13			1.77	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.45	0.90
2016-11-05 20:00	1	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.41	2.00
2016-11-05 20:00	2	0.61	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 20:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 20:00	8			1.12	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 20:00	10			2.02	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 20:00	12	0.00	0.00	2.32	4.00			0.00	0.00	20.90	20.90			1.53	2.30
2016-11-05 20:00	13			1.83	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.59	0.90
2016-11-05 21:00	1	0.10	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.44	2.00
2016-11-05 21:00	2	0.46	1.60			0.00	0.00	0.00	0.00	20.61	20.90			0.00	0.00
2016-11-05 21:00	5			3.87	4.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.00
2016-11-05 21:00	8			1.10	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 21:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 21:00	12	0.01	0.20	2.05	4.00			0.00	0.00	20.90	20.90			1.58	2.30
2016-11-05 21:00	13			2.00	4.00			0.00	0.00	20.61	20.90	0.00	0.00	0.69	0.90
2016-11-05 22:00	1	0.15	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 22:00	2	0.87	2.30			0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2016-11-05 22:00	5			3.93	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-11-05 22:00	8			1.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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)
2016-11-05 22:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 22:00	12	0.02	0.40	2.28	4.00			0.00	0.00	20.90	20.90			1.49	2.30
2016-11-05 22:00	13			1.98	2.00			0.00	0.00	20.56	20.60	0.00	0.00	0.72	1.20
2016-11-05 23:00	1	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 23:00	2	0.62	2.00			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-11-05 23:00	5			3.97	6.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.00
2016-11-05 23:00	8			1.05	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-05 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-05 23:00	12	0.04	0.70	2.05	3.00			0.00	0.00	20.90	20.90			1.68	2.30
2016-11-05 23:00	13			2.00	2.00			0.00	0.00	20.54	20.60	0.00	0.00	0.75	1.90
2016-11-06 00:00	1	0.19	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.50
2016-11-06 00:00	2	0.93	2.20			0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2016-11-06 00:00	5			3.90	4.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-11-06 00:00	8			0.97	3.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2016-11-06 00:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 00:00	12	0.04	0.50	2.00	2.00			0.00	0.00	20.90	20.90			1.90	2.30
2016-11-06 00:00	13			1.98	2.00			0.00	0.00	20.49	20.50	0.00	0.00	0.81	1.20
2016-11-06 01:00	1	0.18	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 01:00	2	0.91	2.20			0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2016-11-06 01:00	5			4.00	6.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2016-11-06 01:00	8			1.00	2.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-06 01:00	10			1.99	2.00	0.00	0.00	0.00	0.00	20.69	20.90			0.00	0.00
2016-11-06 01:00	12	0.02	0.40	2.03	3.00			0.00	0.00	20.90	20.90			2.04	3.00
2016-11-06 01:00	13			1.97	2.00			0.00	0.00	20.48	20.60	0.00	0.00	0.86	1.20
2016-11-06 02:00	1	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 02:00	2	0.86	2.30			0.00	0.00	0.00	0.00	20.46	20.50			0.00	0.00
2016-11-06 02:00	5			3.98	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-06 02:00	8			1.07	3.00			0.00	0.00	20.56	20.70	0.00	0.00	0.00	0.00
2016-11-06 02:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-11-06 02:00	12	0.04	0.40	2.00	2.00			0.00	0.00	20.82	20.90			2.30	3.00
2016-11-06 02:00	13			1.98	3.00			0.00	0.00	20.46	20.50	0.00	0.00	0.91	1.20

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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)
2016-11-06 03:00	1	0.15	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 03:00	2	0.89	2.20			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2016-11-06 03:00	5			4.02	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2016-11-06 03:00	8			0.97	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2016-11-06 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-06 03:00	12	0.03	0.30	2.02	4.00			0.00	0.00	20.60	20.70			2.32	3.00
2016-11-06 03:00	13			1.95	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.96	1.50
2016-11-06 04:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 04:00	2	0.74	2.10			0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.00
2016-11-06 04:00	5			4.03	6.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-06 04:00	8			0.97	2.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2016-11-06 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-06 04:00	12	0.01	0.10	2.10	4.00			0.00	0.00	20.73	20.90			2.50	3.40
2016-11-06 04:00	13			1.87	2.00			0.00	0.00	20.41	20.50	0.00	0.00	0.96	1.50
2016-11-06 05:00	1	0.10	0.70			0.00	0.00	0.00	0.00	20.81	20.90			0.00	0.00
2016-11-06 05:00	2	0.86	2.90			0.00	0.00	0.00	0.00	20.44	21.30			0.00	0.00
2016-11-06 05:00	5			3.95	5.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-11-06 05:00	8			1.00	2.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-11-06 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-11-06 05:00	12	0.01	0.20	2.03	4.00			0.00	0.00	20.62	20.90			2.54	3.00
2016-11-06 05:00	13			2.00	4.00			0.00	0.00	20.44	21.30	0.00	0.00	1.00	1.50
2016-11-06 06:00	1	0.06	0.50			0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-11-06 06:00	2	1.02	2.60			0.00	0.00	0.00	0.00	20.47	21.10			0.00	0.00
2016-11-06 06:00	5			4.02	6.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-06 06:00	8			0.82	1.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-11-06 06:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-11-06 06:00	12	0.03	0.70	2.02	3.00			0.00	0.00	20.61	20.90			2.45	3.00
2016-11-06 06:00	13			1.98	2.00			0.00	0.00	20.47	21.10	0.00	0.00	1.05	1.50
2016-11-06 07:00	1	0.15	0.60			0.00	0.00	0.00	0.00	20.73	20.90			0.00	0.00
2016-11-06 07:00	2	1.07	2.40			0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2016-11-06 07:00	5			4.00	5.00			0.00	0.00	20.53	20.60	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)
2016-11-06 07:00	8			1.03	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-06 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-11-06 07:00	12	0.04	0.30	2.07	4.00			0.00	0.00	20.56	20.90			2.36	3.00
2016-11-06 07:00	13			2.00	2.00			0.00	0.00	20.38	20.40	0.00	0.00	0.96	1.50
2016-11-06 08:00	1	0.39	1.10			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-11-06 08:00	2	1.14	2.50			0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2016-11-06 08:00	5			4.05	5.00			0.00	0.00	20.49	20.50	0.00	0.00	0.00	0.00
2016-11-06 08:00	8			0.95	3.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-06 08:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-11-06 08:00	12	0.05	0.30	2.17	3.00			0.00	0.00	20.61	20.70			1.88	2.60
2016-11-06 08:00	13			2.07	4.00			0.00	0.00	20.48	20.60	0.00	0.00	0.39	0.90
2016-11-06 09:00	1	0.42	1.20			0.00	0.10	0.00	0.00	20.68	20.90			0.22	2.00
2016-11-06 09:00	2	0.52	2.10			0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2016-11-06 09:00	5			3.95	4.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2016-11-06 09:00	8			0.98	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-11-06 09:00	10			2.02	3.00	0.00	0.10	0.00	0.00	20.79	20.90			0.00	0.00
2016-11-06 09:00	12	0.01	0.40	2.47	4.00			0.00	0.00	20.74	20.90			0.84	1.90
2016-11-06 09:00	13			2.00	2.00			0.00	0.00	20.71	20.90	0.00	0.00	0.00	0.00
2016-11-06 10:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.53	1.50
2016-11-06 10:00	2	0.59	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 10:00	5			3.92	5.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2016-11-06 10:00	8			1.22	3.00			0.00	0.00	20.80	20.90	0.00	0.00	0.00	0.00
2016-11-06 10:00	10			2.28	3.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 10:00	12	0.01	0.30	3.28	5.00			0.00	0.00	20.90	20.90			0.05	1.10
2016-11-06 10:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 11:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.80	2.50
2016-11-06 11:00	2	0.45	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 11:00	5			3.95	5.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.00
2016-11-06 11:00	8			1.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 11:00	10			3.28	4.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 11:00	12	0.00	0.20	4.33	6.00			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)
2016-11-06 11:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-11-06 12:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.78	2.50
2016-11-06 12:00	2	0.53	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 12:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 12:00	8			2.12	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 12:00	10			3.75	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 12:00	12	0.01	0.20	6.98	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 12:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 13:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.35	1.50
2016-11-06 13:00	2	0.36	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 13:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 13:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 13:00	10			3.95	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 13:00	12	0.00	0.00	7.97	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 13:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 14:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.17	1.00
2016-11-06 14:00	2	0.34	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 14:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 14:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.20
2016-11-06 14:00	10			4.00	6.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 14:00	12	0.00	0.00	7.67	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 14:00	13			2.15	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 15:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.10	1.00
2016-11-06 15:00	2	0.31	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 15:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 15:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2016-11-06 15:00	10			3.73	6.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 15:00	12	0.00	0.10	7.67	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 15:00	13			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 16:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.50
2016-11-06 16:00	2	0.33	1.10			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)
2016-11-06 16:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 16:00	8			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.20
2016-11-06 16:00	10			3.93	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 16:00	12	0.00	0.00	6.07	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 16:00	13			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-11-06 17:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.50
2016-11-06 17:00	2	0.43	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 17:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 17:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 17:00	10			2.67	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 17:00	12	0.00	0.00	3.97	5.00			0.00	0.00	20.90	20.90			0.32	1.10
2016-11-06 17:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.90
2016-11-06 18:00	1	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.24	2.00
2016-11-06 18:00	2	0.61	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 18:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 18:00	8			1.25	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 18:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 18:00	12	0.00	0.00	3.00	4.00			0.00	0.00	20.90	20.90			1.12	1.90
2016-11-06 18:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.68	0.90
2016-11-06 19:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.53	1.50
2016-11-06 19:00	2	0.58	1.80			0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2016-11-06 19:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 19:00	8			1.05	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 19:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 19:00	12	0.01	0.20	2.43	4.00			0.00	0.00	20.90	20.90			1.35	1.90
2016-11-06 19:00	13			2.02	3.00			0.00	0.00	20.71	20.90	0.00	0.00	0.80	1.20
2016-11-06 20:00	1	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.38	1.00
2016-11-06 20:00	2	0.57	1.80			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-11-06 20:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 20:00	8			0.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 20:00	10			1.98	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)
2016-11-06 20:00	12	0.01	0.10	2.22	3.00			0.00	0.00	20.90	20.90			1.41	2.30
2016-11-06 20:00	13			2.00	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.80	1.20
2016-11-06 21:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.43	1.50
2016-11-06 21:00	2	0.33	1.90			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-11-06 21:00	5			3.98	5.00			0.00	0.00	20.61	20.90	0.00	0.00	0.00	0.00
2016-11-06 21:00	8			1.02	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 21:00	10			2.07	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 21:00	12	0.00	0.20	2.12	3.00			0.00	0.00	20.90	20.90			1.63	2.30
2016-11-06 21:00	13			2.03	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.80	1.20
2016-11-06 22:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.13	1.00
2016-11-06 22:00	2	0.67	2.10			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-11-06 22:00	5			4.03	6.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-11-06 22:00	8			1.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 22:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 22:00	12	0.00	0.10	2.03	4.00			0.00	0.00	20.90	20.90			1.80	2.30
2016-11-06 22:00	13			2.02	3.00			0.00	0.00	20.58	20.70	0.00	0.00	0.83	1.20
2016-11-06 23:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 23:00	2	0.50	2.20			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-11-06 23:00	5			3.98	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-11-06 23:00	8			0.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-06 23:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-06 23:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.90	20.90			2.04	2.30
2016-11-06 23:00	13			2.02	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.90	1.20
2016-11-07 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 00:00	2	0.77	2.40			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-11-07 00:00	5			3.97	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-11-07 00:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-07 00:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 00:00	12	0.00	0.00	2.20	4.00			0.00	0.00	20.90	20.90			2.02	2.60
2016-11-07 00:00	13			2.02	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.85	1.20
2016-11-07 01:00	1	0.01	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)
2016-11-07 01:00	2	0.38	1.10			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-11-07 01:00	5			3.95	5.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-07 01:00	8			1.03	3.00			0.00	0.00	20.80	20.90	0.00	0.00	0.00	0.00
2016-11-07 01:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 01:00	12	0.00	0.00	2.13	4.00			0.00	0.00	20.90	20.90			1.89	2.60
2016-11-07 01:00	13			2.02	3.00			0.00	0.00	20.52	20.60	0.00	0.00	0.86	1.20
2016-11-07 02:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 02:00	2	0.43	1.20			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-11-07 02:00	5			3.88	6.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-07 02:00	8			1.22	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-11-07 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 02:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.90	20.90			1.95	2.30
2016-11-07 02:00	13			1.98	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.88	1.20
2016-11-07 03:00	1	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 03:00	2	0.36	1.20			0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2016-11-07 03:00	5			4.00	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2016-11-07 03:00	8			0.98	2.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.00
2016-11-07 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 03:00	12	0.00	0.00	2.10	3.00			0.00	0.00	20.90	20.90			2.16	2.60
2016-11-07 03:00	13			2.00	2.00			0.00	0.00	20.56	20.60	0.00	0.00	0.85	1.50
2016-11-07 04:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 04:00	2	0.62	1.80			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2016-11-07 04:00	5			3.97	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-11-07 04:00	8			1.05	3.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-11-07 04:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 04:00	12	0.00	0.00	2.23	3.00			0.00	0.00	20.85	20.90			2.11	2.60
2016-11-07 04:00	13			1.98	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.84	1.50
2016-11-07 05:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 05:00	2	0.58	2.10			0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2016-11-07 05:00	5			3.95	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-11-07 05:00	8			1.02	2.00			0.00	0.00	20.60	20.60	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)
2016-11-07 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-11-07 05:00	12	0.00	0.00	2.23	4.00			0.00	0.00	20.71	20.90			1.93	2.30
2016-11-07 05:00	13			1.98	3.00			0.00	0.00	20.49	20.50	0.00	0.00	0.96	1.50
2016-11-07 06:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 06:00	2	0.68	3.30			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-11-07 06:00	5			3.97	5.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2016-11-07 06:00	8			1.00	2.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-11-07 06:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2016-11-07 06:00	12	0.02	0.50	2.27	4.00			0.00	0.00	20.90	20.90			1.93	2.30
2016-11-07 06:00	13			1.98	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.86	1.20
2016-11-07 07:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 07:00	2	0.73	1.90			0.00	0.00	0.00	0.00	20.47	20.50			0.00	0.00
2016-11-07 07:00	5			3.87	4.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2016-11-07 07:00	8			0.95	1.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-11-07 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.80	20.90			0.00	0.00
2016-11-07 07:00	12	0.02	0.40	2.17	3.00			0.00	0.00	20.90	20.90			1.65	2.30
2016-11-07 07:00	13			1.98	2.00			0.00	0.00	20.47	20.50	0.00	0.00	0.75	1.50
2016-11-07 08:00	1	0.06	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.23	1.50
2016-11-07 08:00	2	0.53	1.40			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-11-07 08:00	5			3.95	6.00			0.00	0.00	20.57	20.70	0.00	0.00	0.00	0.00
2016-11-07 08:00	8			1.03	2.00			0.00	0.00	20.66	20.70	0.00	0.00	0.00	0.00
2016-11-07 08:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.83	20.90			0.00	0.00
2016-11-07 08:00	12	0.01	0.10	2.43	3.00			0.00	0.00	20.90	20.90			1.09	1.90
2016-11-07 08:00	13			2.00	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.37	0.90
2016-11-07 09:00	1	0.14	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.50
2016-11-07 09:00	2	0.62	1.50			0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-11-07 09:00	5			4.07	6.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-11-07 09:00	8			1.31	3.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.00
2016-11-07 09:00	10			2.32	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 09:00	12	0.02	0.20	3.13	5.00			0.00	0.00	20.90	20.90			0.32	1.10
2016-11-07 09:00	13			1.98	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.06	0.60

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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)
2016-11-07 10:00	1	0.16	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.26	1.00
2016-11-07 10:00	2	0.64	1.90			0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2016-11-07 10:00	5			4.05	7.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2016-11-07 10:00	8			1.82	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-07 10:00	10			2.81	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 10:00	12	0.03	0.50	3.88	4.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-11-07 10:00	13			2.03	3.00			0.00	0.00	20.86	20.90	0.00	0.00	0.01	0.30
2016-11-07 11:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.21	1.00
2016-11-07 11:00	2	0.55	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 11:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-07 11:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-11-07 11:00	10			3.12	5.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-11-07 11:00	12	0.02	0.30	4.37	6.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-11-07 11:00	13			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00