

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)
2016-12-05 12:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 12:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 12:00	5			3.70	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 12:00	8			0.55	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 12:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 12:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 12:00	13			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 13:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 13:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 13:00	8			0.65	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 13:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 13:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 13:00	13			1.75	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 14:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 14:00	5			3.77	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 14:00	8			0.50	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 14:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 14:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 14:00	13			1.85	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 15:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 15:00	5			3.83	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 15:00	8			0.37	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 15:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 15:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 15:00	13			1.77	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-12-05 16:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 16:00	5			3.97	4.00			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)
2016-12-05 16:00	8			0.58	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 16:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 16:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 16:00	13			1.73	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 17:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.50
2016-12-05 17:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 17:00	5			3.82	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 17:00	8			0.38	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 17:00	12	0.00	0.00	1.95	2.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-05 17:00	13			1.95	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-05 18:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.70
2016-12-05 18:00	2	0.02	1.10			0.00	0.00	0.00	0.00	20.83	20.90			0.00	0.00
2016-12-05 18:00	5			3.77	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 18:00	8			0.30	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 18:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 18:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-05 18:00	13			1.82	2.00			0.00	0.00	20.83	20.90	0.00	0.00	0.00	0.10
2016-12-05 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.55	0.80
2016-12-05 19:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.90			0.00	0.00
2016-12-05 19:00	5			3.78	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 19:00	8			0.20	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 19:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 19:00	12	0.00	0.00	1.87	2.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-05 19:00	13			1.98	3.00			0.00	0.00	20.63	20.90	0.00	0.00	0.01	0.10
2016-12-05 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.80	1.10
2016-12-05 20:00	2	0.00	0.20			0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2016-12-05 20:00	5			3.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 20:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 20:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 20:00	12	0.00	0.00	1.90	3.00			0.00	0.00	20.90	20.90			0.00	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)
2016-12-05 20:00	13			1.93	3.00			0.00	0.00	20.57	20.70	0.00	0.00	0.00	0.10
2016-12-05 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.89	1.10
2016-12-05 21:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.63	20.90			0.00	0.00
2016-12-05 21:00	5			3.83	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 21:00	8			0.08	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 21:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 21:00	12	0.00	0.00	1.78	2.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-05 21:00	13			1.93	2.00			0.00	0.00	20.63	20.90	0.00	0.00	0.00	0.00
2016-12-05 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.09	1.20
2016-12-05 22:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.59	20.70			0.00	0.00
2016-12-05 22:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 22:00	8			0.35	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 22:00	10			1.88	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 22:00	12	0.00	0.00	1.90	2.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-05 22:00	13			1.92	3.00			0.00	0.00	20.59	20.70	0.00	0.00	0.01	0.10
2016-12-05 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.08	1.20
2016-12-05 23:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-12-05 23:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 23:00	8			0.27	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-05 23:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-05 23:00	12	0.00	0.00	1.73	2.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-05 23:00	13			1.98	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.01	0.10
2016-12-06 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.08	1.10
2016-12-06 00:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.58	20.60			0.00	0.00
2016-12-06 00:00	5			3.88	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 00:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 00:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 00:00	12	0.00	0.00	1.95	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 00:00	13			1.92	3.00			0.00	0.00	20.58	20.60	0.00	0.00	0.01	0.10
2016-12-06 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.09	1.20
2016-12-06 01:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.58	20.60			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)
2016-12-06 01:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 01:00	8			0.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 01:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 01:00	12	0.00	0.00	1.82	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 01:00	13			1.73	2.00			0.00	0.00	20.58	20.60	0.00	0.00	0.01	0.10
2016-12-06 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.04	1.10
2016-12-06 02:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-12-06 02:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 02:00	8			0.32	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 02:00	10			1.82	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 02:00	12	0.00	0.00	1.95	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 02:00	13			1.80	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.10
2016-12-06 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.08	1.30
2016-12-06 03:00	2	0.00	0.10			0.00	0.10	0.00	0.00	20.59	20.70			0.00	0.00
2016-12-06 03:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 03:00	8			0.18	2.00			0.00	0.00	20.73	20.90	0.00	0.00	0.00	0.00
2016-12-06 03:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 03:00	12	0.00	0.00	1.90	2.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 03:00	13			1.90	2.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.10
2016-12-06 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.23	1.50
2016-12-06 04:00	2	0.00	0.00			0.00	0.10	0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 04:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 04:00	8			0.02	1.00			0.00	0.00	20.69	20.70	0.00	0.00	0.00	0.00
2016-12-06 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 04:00	12	0.00	0.00	1.93	2.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 04:00	13			1.93	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.10
2016-12-06 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.55	1.70
2016-12-06 05:00	2	0.01	0.30			0.01	0.10	0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 05:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 05:00	8			0.43	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2016-12-06 05:00	10			1.97	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)
2016-12-06 05:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 05:00	13			1.83	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.01	0.10
2016-12-06 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.58	1.70
2016-12-06 06:00	2	0.01	0.20			0.01	0.10	0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 06:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 06:00	8			0.38	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-12-06 06:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 06:00	12	0.00	0.00	1.93	2.00			0.00	0.00	20.70	20.90			0.01	0.10
2016-12-06 06:00	13			1.88	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.01	0.10
2016-12-06 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.65	1.90
2016-12-06 07:00	2	0.00	0.10			0.00	0.10	0.00	0.00	20.60	20.70			0.00	0.00
2016-12-06 07:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 07:00	8			0.20	1.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-12-06 07:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 07:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 07:00	13			1.93	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.02	0.10
2016-12-06 08:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			1.60	2.50
2016-12-06 08:00	2	0.00	0.00			0.01	0.10	0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 08:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 08:00	13			1.98	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-12-06 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			1.60	1.80
2016-12-06 09:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-12-06 09:00	5			4.10	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 09:00	8			0.27	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 09:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 09:00	12	0.00	0.10	1.93	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 09:00	13			1.80	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-12-06 10:00	2	0.06	0.20			0.00	0.00	0.00	0.00	20.88	21.10			0.00	0.00
2016-12-06 10:00	8			0.22	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 10:00	12	0.04	0.50	1.95	2.00			0.00	0.00	20.90	20.90			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)
2016-12-06 10:00	13			0.00	0.00			0.00	0.00	20.98	21.10	0.00	0.00	0.00	0.00
2016-12-06 11:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-12-06 11:00	2	0.11	1.70			0.00	0.00	0.00	0.00	20.98	21.20			0.00	0.00
2016-12-06 11:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-06 11:00	8			0.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 11:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 11:00	12	0.05	0.50	1.97	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 11:00	13			1.03	2.00			0.00	0.00	20.98	21.20	0.00	0.00	0.00	0.00
2016-12-06 12:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 12:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 12:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-06 12:00	8			0.27	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 12:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 12:00	12	0.04	0.50	1.98	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 12:00	13			1.93	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 13:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 13:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 13:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-06 13:00	8			0.33	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 13:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 13:00	12	0.04	0.40	2.00	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 13:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 14:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 14:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 14:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 14:00	8			0.42	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 14:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 14:00	12	0.04	0.40	2.00	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 14:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 15:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 15:00	2	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			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)
2016-12-06 15:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 15:00	8			0.34	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 15:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 15:00	12	0.05	0.40	2.03	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 15:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 16:00	1	0.04	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 16:00	2	0.07	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 16:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 16:00	8			0.20	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 16:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 16:00	12	0.01	0.40	2.02	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 16:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-06 17:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 17:00	2	0.05	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 17:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 17:00	8			0.27	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 17:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 17:00	12	0.04	0.50	1.88	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 17:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-06 18:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 18:00	2	0.10	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 18:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 18:00	8			0.32	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 18:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 18:00	12	0.05	0.60	1.95	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 18:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-12-06 19:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 19:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 19:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-06 19:00	8			0.08	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 19:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			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)
2016-12-06 19:00	12	0.02	0.50	1.73	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 19:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2016-12-06 20:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 20:00	2	0.17	1.30			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 20:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 20:00	8			0.15	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 20:00	12	0.03	0.30	1.73	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-06 20:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.10
2016-12-06 21:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 21:00	2	0.15	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 21:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 21:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 21:00	10			1.90	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 21:00	12	0.01	0.20	1.42	2.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-06 21:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2016-12-06 22:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 22:00	2	0.09	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 22:00	5			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 22:00	8			0.42	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 22:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 22:00	12	0.01	0.20	1.48	2.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-06 22:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-12-06 23:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 23:00	2	0.09	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 23:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 23:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-06 23:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-06 23:00	12	0.02	0.30	1.47	2.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-06 23:00	13			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-12-07 00:00	1	0.02	0.30			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)
2016-12-07 00:00	2	0.05	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 00:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 00:00	8			0.15	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 00:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 00:00	12	0.01	0.30	1.65	3.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-07 00:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-12-07 01:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 01:00	2	0.15	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 01:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 01:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 01:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 01:00	12	0.05	0.60	1.37	3.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-07 01:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2016-12-07 02:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 02:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 02:00	5			3.87	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 02:00	8			0.07	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 02:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 02:00	12	0.02	0.20	1.32	2.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-07 02:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2016-12-07 03:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 03:00	2	0.11	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 03:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 03:00	8			0.15	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 03:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 03:00	12	0.01	0.30	1.42	3.00			0.00	0.00	20.90	20.90			0.04	0.10
2016-12-07 03:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2016-12-07 04:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 04:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.68	20.90			0.00	0.00
2016-12-07 04:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 04:00	8			0.02	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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)
2016-12-07 04:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 04:00	12	0.01	0.30	1.55	2.00			0.00	0.00	20.90	20.90			0.03	0.10
2016-12-07 04:00	13			1.98	3.00			0.00	0.00	20.68	20.90	0.00	0.00	0.09	0.10
2016-12-07 05:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 05:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-12-07 05:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 05:00	8			0.10	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 05:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 05:00	12	0.03	0.50	1.57	3.00			0.00	0.00	20.90	20.90			0.04	0.10
2016-12-07 05:00	13			2.00	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.07	0.10
2016-12-07 06:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2016-12-07 06:00	2	0.21	1.30			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-12-07 06:00	5			3.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 06:00	8			0.10	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 06:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 06:00	12	0.02	0.40	1.63	3.00			0.00	0.00	20.90	20.90			0.09	0.10
2016-12-07 06:00	13			2.00	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.08	0.10
2016-12-07 07:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-12-07 07:00	2	0.08	0.80			0.00	0.00	0.00	0.00	20.69	20.70			0.00	0.00
2016-12-07 07:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 07:00	8			0.03	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 07:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 07:00	12	0.06	0.50	1.35	3.00			0.00	0.00	20.90	20.90			0.08	0.10
2016-12-07 07:00	13			2.03	4.00			0.00	0.00	20.68	20.70	0.00	0.00	0.06	0.10
2016-12-07 08:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.66	20.70			0.00	0.00
2016-12-07 08:00	2	0.14	1.40			0.00	0.00	0.00	0.00	20.68	20.70			0.00	0.00
2016-12-07 08:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 08:00	8			0.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 08:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 08:00	12	0.07	0.50	1.23	3.00			0.00	0.00	20.90	20.90			0.04	0.10
2016-12-07 08:00	13			1.92	2.00			0.00	0.00	20.68	20.70	0.00	0.00	0.07	0.10

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)
2016-12-07 09:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2016-12-07 09:00	2	0.10	1.00			0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2016-12-07 09:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 09:00	8			0.17	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 09:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 09:00	12	0.10	0.60	1.67	3.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-07 09:00	13			2.00	4.00			0.00	0.00	20.78	20.90	0.00	0.00	0.02	0.10
2016-12-07 10:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 10:00	2	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 10:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-07 10:00	8			0.03	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 10:00	12	0.09	0.70	1.70	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-07 10:00	13			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-07 11:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 11:00	2	0.13	0.90			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 11:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-07 11:00	8			0.30	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 11:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 11:00	12	0.10	0.60	1.58	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 11:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-07 12:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 12:00	2	0.10	0.80			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 12:00	5			3.90	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-07 12:00	8			0.23	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 12:00	10			1.87	2.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 12:00	12	0.06	0.60	1.92	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 12:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 13:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 13:00	2	0.09	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 13:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10

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)
2016-12-07 13:00	8			0.13	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 13:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 13:00	12	0.07	0.50	1.98	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 13:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 14:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 14:00	2	0.07	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 14:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-07 14:00	8			0.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 14:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 14:00	12	0.01	0.20	1.63	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 14:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 15:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 15:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 15:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 15:00	8			0.05	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 15:00	10			1.90	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 15:00	12	0.01	0.20	1.60	3.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-12-07 15:00	13			1.92	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-12-07 16:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 16:00	2	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 16:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-07 16:00	8			0.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 16:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 16:00	12	0.05	0.40	1.38	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-07 16:00	13			1.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-12-07 17:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 17:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 17:00	5			3.80	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-12-07 17:00	8			0.22	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 17:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 17:00	12	0.07	0.40	1.52	3.00			0.00	0.00	20.90	20.90			0.00	0.10

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)
2016-12-07 17:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.10
2016-12-07 18:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 18:00	2	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 18:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 18:00	8			0.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 18:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 18:00	12	0.03	0.30	1.50	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-07 18:00	13			2.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2016-12-07 19:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 19:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 19:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 19:00	8			0.28	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 19:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 19:00	12	0.03	0.30	1.47	3.00			0.00	0.00	20.90	20.90			0.02	0.10
2016-12-07 19:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2016-12-07 20:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 20:00	2	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 20:00	5			3.82	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 20:00	8			0.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 20:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 20:00	12	0.03	0.40	1.55	3.00			0.00	0.00	20.90	20.90			0.04	0.10
2016-12-07 20:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-12-07 21:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 21:00	2	0.10	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 21:00	5			3.80	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 21:00	8			0.10	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 21:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 21:00	12	0.01	0.20	1.52	3.00			0.00	0.00	20.90	20.90			0.06	0.10
2016-12-07 21:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-12-07 22:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 22:00	2	0.10	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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)
2016-12-07 22:00	5			3.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 22:00	8			0.12	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 22:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 22:00	12	0.02	0.40	1.50	3.00			0.00	0.00	20.90	20.90			0.08	0.10
2016-12-07 22:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2016-12-07 23:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 23:00	2	0.17	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 23:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 23:00	8			0.22	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-07 23:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-07 23:00	12	0.01	0.10	1.25	3.00			0.00	0.00	20.90	20.90			0.09	0.10
2016-12-07 23:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.10
2016-12-08 00:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-08 00:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.61	20.90			0.00	0.00
2016-12-08 00:00	5			3.83	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 00:00	8			0.15	1.00			0.00	0.00	21.04	21.80	0.00	0.00	0.00	0.00
2016-12-08 00:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-08 00:00	12	0.01	0.40	1.47	3.00			0.00	0.00	20.90	20.90			0.08	0.10
2016-12-08 00:00	13			1.87	3.00			0.00	0.00	20.62	20.90	0.00	0.00	0.09	0.10
2016-12-08 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2016-12-08 01:00	2	0.10	1.00			0.00	0.00	0.00	0.00	20.59	20.90			0.00	0.00
2016-12-08 01:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 01:00	8			0.17	2.00			0.00	0.00	20.97	21.80	0.00	0.00	0.00	0.00
2016-12-08 01:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.92	21.20			0.00	0.00
2016-12-08 01:00	12	0.01	0.40	1.25	4.00			0.00	0.00	20.61	20.90			0.10	0.20
2016-12-08 01:00	13			2.00	2.00			0.00	0.00	20.59	20.90	0.00	0.00	0.09	0.10
2016-12-08 02:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.70	20.90			0.00	0.00
2016-12-08 02:00	2	0.17	1.10			0.00	0.10	0.00	0.00	20.49	20.60			0.00	0.00
2016-12-08 02:00	5			3.88	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 02:00	8			0.27	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 02:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.93	21.30			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)
2016-12-08 02:00	12	0.02	0.30	1.18	2.00			0.00	0.00	20.60	20.90			0.15	0.30
2016-12-08 02:00	13			1.95	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.10	0.10
2016-12-08 03:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.62	20.90			0.00	0.00
2016-12-08 03:00	2	0.26	1.20			0.00	0.10	0.00	0.00	20.50	20.50			0.00	0.00
2016-12-08 03:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 03:00	8			0.07	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 03:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.82	21.20			0.00	0.00
2016-12-08 03:00	12	0.03	0.40	1.38	3.00			0.00	0.00	20.61	20.90			0.13	0.20
2016-12-08 03:00	13			2.00	3.00			0.00	0.00	20.50	20.50	0.00	0.00	0.10	0.10
2016-12-08 04:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.56	20.90			0.00	0.00
2016-12-08 04:00	2	0.24	1.00			0.01	0.10	0.00	0.00	20.61	21.30			0.00	0.00
2016-12-08 04:00	5			3.80	5.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.00
2016-12-08 04:00	8			0.02	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 04:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.68	20.90			0.00	0.00
2016-12-08 04:00	12	0.04	0.30	1.22	3.00			0.00	0.00	20.54	20.70			0.12	0.30
2016-12-08 04:00	13			2.03	5.00			0.00	0.00	20.60	21.30	0.00	0.00	0.10	0.10
2016-12-08 05:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.57	20.90			0.00	0.00
2016-12-08 05:00	2	0.17	1.50			0.00	0.10	0.00	0.00	21.04	21.30			0.00	0.00
2016-12-08 05:00	5			3.85	4.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.00
2016-12-08 05:00	8			0.10	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 05:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.63	20.90			0.00	0.00
2016-12-08 05:00	12	0.04	0.40	1.10	3.00			0.00	0.00	20.54	20.70			0.16	0.30
2016-12-08 05:00	13			1.83	3.00			0.00	0.00	21.05	21.30	0.00	0.00	0.10	0.10
2016-12-08 06:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2016-12-08 06:00	2	0.17	2.20			0.00	0.00	0.00	0.00	20.96	21.20			0.00	0.00
2016-12-08 06:00	5			3.92	5.00			0.00	0.00	20.83	20.90	0.00	0.00	0.00	0.00
2016-12-08 06:00	8			0.12	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 06:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.65	20.90			0.00	0.00
2016-12-08 06:00	12	0.03	0.40	1.25	2.00			0.00	0.00	20.50	20.60			0.16	0.40
2016-12-08 06:00	13			1.83	3.00			0.00	0.00	20.96	21.20	0.00	0.00	0.10	0.10
2016-12-08 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.48	20.70			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)
2016-12-08 07:00	2	0.31	1.50			0.01	0.10	0.00	0.00	20.91	21.10			0.00	0.00
2016-12-08 07:00	5			3.95	6.00			0.00	0.00	20.80	20.90	0.00	0.00	0.00	0.00
2016-12-08 07:00	8			0.05	1.00			0.00	0.00	20.77	20.90	0.00	0.00	0.00	0.00
2016-12-08 07:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.59	20.90			0.00	0.00
2016-12-08 07:00	12	0.03	0.40	1.32	3.00			0.00	0.00	20.48	20.60			0.14	0.30
2016-12-08 07:00	13			1.93	3.00			0.00	0.00	20.91	21.20	0.00	0.00	0.10	0.10
2016-12-08 08:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.46	20.70			0.00	0.00
2016-12-08 08:00	2	0.10	1.30			0.00	0.10	0.00	0.00	20.81	20.90			0.00	0.00
2016-12-08 08:00	5			3.98	5.00			0.00	0.00	20.60	20.90	0.00	0.00	0.00	0.10
2016-12-08 08:00	8			0.08	1.00			0.00	0.00	20.83	20.90	0.00	0.00	0.00	0.00
2016-12-08 08:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.53	20.90			0.00	0.00
2016-12-08 08:00	12	0.03	0.50	1.23	3.00			0.00	0.00	20.48	20.60			0.15	0.30
2016-12-08 08:00	13			1.77	2.00			0.00	0.00	20.81	20.90	0.00	0.00	0.09	0.10
2016-12-08 09:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.46	20.60			0.00	0.00
2016-12-08 09:00	2	0.08	0.90			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-12-08 09:00	5			3.87	4.00			0.00	0.00	20.81	20.90	0.00	0.00	0.01	0.10
2016-12-08 09:00	8			0.12	1.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2016-12-08 09:00	10			1.93	4.00	0.00	0.00	0.00	0.00	20.55	20.70			0.00	0.00
2016-12-08 09:00	12	0.04	0.40	1.20	3.00			0.00	0.00	20.48	20.70			0.11	0.20
2016-12-08 09:00	13			1.80	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.09	0.10
2016-12-08 10:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2016-12-08 10:00	2	0.14	1.60			0.00	0.00	0.00	0.00	20.56	20.70			0.00	0.00
2016-12-08 10:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2016-12-08 10:00	8			0.17	1.00			0.00	0.00	20.80	20.90	0.00	0.00	0.00	0.00
2016-12-08 10:00	10			1.93	2.00	0.00	0.10	0.00	0.00	20.80	20.90			0.00	0.00
2016-12-08 10:00	12	0.09	0.70	1.35	3.00			0.00	0.00	20.58	20.70			0.07	0.20
2016-12-08 10:00	13			1.92	2.00			0.00	0.00	20.56	20.70	0.00	0.00	0.05	0.10
2016-12-08 11:00	1	0.02	0.60			0.00	0.00	0.00	0.00	20.67	20.70			0.00	0.00
2016-12-08 11:00	2	0.06	1.00			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-12-08 11:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2016-12-08 11:00	8			0.02	1.00			0.00	0.00	20.90	20.90	0.00	0.00	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)
2016-12-08 11:00	10			2.00	2.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-08 11:00	12	0.09	0.50	1.45	3.00			0.00	0.00	20.66	20.90			0.01	0.10
2016-12-08 11:00	13			1.85	4.00			0.00	0.00	20.59	20.70	0.00	0.00	0.01	0.10
2016-12-08 12:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2016-12-08 12:00	2	0.12	1.10			0.00	0.00	0.00	0.00	20.79	20.90			0.00	0.00
2016-12-08 12:00	5			4.06	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2016-12-08 12:00	8			0.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-12-08 12:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-12-08 12:00	12	0.02	0.30	1.30	4.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-12-08 12:00	13			1.91	2.00			0.00	0.00	20.78	20.90	0.00	0.00	0.00	0.00