

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)
2017-11-30 12:00	1	0.19	0.70			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2017-11-30 12:00	2	0.06	0.80			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-11-30 12:00	5			4.12	7.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2017-11-30 12:00	8			1.23	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.11	0.20
2017-11-30 12:00	10			2.27	3.00	0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.10
2017-11-30 12:00	12	0.43	1.20	3.10	4.00			0.00	0.00	20.74	20.90			0.58	1.00
2017-11-30 12:00	13			2.00	3.00			0.00	0.00	20.50	20.60	0.00	0.00	0.20	0.50
2017-11-30 13:00	1	0.34	1.20			0.01	0.10	0.00	0.00	20.61	20.70			0.00	0.00
2017-11-30 13:00	2	0.02	0.90			0.00	0.00	0.00	0.00	20.56	20.70			0.00	0.00
2017-11-30 13:00	5			4.08	6.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2017-11-30 13:00	8			1.48	4.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2017-11-30 13:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-11-30 13:00	12	0.29	0.80	3.77	5.00			0.00	0.00	20.90	20.90			0.51	0.80
2017-11-30 13:00	13			2.13	4.00			0.00	0.00	20.56	20.70	0.00	0.00	0.12	0.50
2017-11-30 14:00	1	0.25	1.00			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2017-11-30 14:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.76	20.90			0.00	0.00
2017-11-30 14:00	5			4.05	6.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-11-30 14:00	8			1.27	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-11-30 14:00	10			2.33	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-11-30 14:00	12	0.24	0.70	3.92	4.00			0.00	0.00	20.90	20.90			0.48	0.70
2017-11-30 14:00	13			2.03	5.00			0.00	0.00	20.76	20.90	0.00	0.00	0.28	0.70
2017-11-30 15:00	1	0.27	1.30			0.01	0.10	0.00	0.00	20.50	20.50			0.00	0.00
2017-11-30 15:00	2	0.03	1.20			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2017-11-30 15:00	5			3.93	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-11-30 15:00	8			1.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-11-30 15:00	10			2.22	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-11-30 15:00	12	0.09	1.20	3.63	5.00			0.00	0.00	20.90	20.90			0.56	1.10
2017-11-30 15:00	13			2.02	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.36	0.70
2017-11-30 16:00	1	0.31	1.10			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-11-30 16:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2017-11-30 16:00	5			3.93	4.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-11-30 16:00	8			1.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2017-11-30 16:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.72	20.90			0.01	0.10

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-11-30 16:00	12	0.07	0.40	2.47	4.00			0.00	0.00	20.90	20.90			0.67	1.20
2017-11-30 16:00	13			2.00	2.00			0.00	0.00	20.78	20.90	0.00	0.00	0.47	1.30
2017-11-30 17:00	1	0.18	0.90			0.00	0.10	0.00	0.00	20.47	20.50			0.00	0.00
2017-11-30 17:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.69	20.90			0.00	0.00
2017-11-30 17:00	5			3.97	4.00			0.00	0.00	20.47	20.50	0.00	0.00	0.00	0.00
2017-11-30 17:00	8			1.02	2.00			0.00	0.00	20.87	20.90	0.00	0.00	0.16	0.30
2017-11-30 17:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.59	20.70			0.03	0.30
2017-11-30 17:00	12	0.09	0.70	2.00	2.00			0.00	0.00	20.90	20.90			0.85	1.00
2017-11-30 17:00	13			2.00	2.00			0.00	0.00	20.69	20.90	0.00	0.00	0.97	1.50
2017-11-30 18:00	1	0.40	1.50			0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.00
2017-11-30 18:00	2	0.01	0.50			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2017-11-30 18:00	5			3.93	5.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2017-11-30 18:00	8			1.07	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.38	0.50
2017-11-30 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.49	20.60			0.06	0.20
2017-11-30 18:00	12	0.20	0.70	2.00	3.00			0.00	0.00	20.56	20.90			0.89	1.00
2017-11-30 18:00	13			2.02	3.00			0.00	0.00	20.49	20.60	0.00	0.00	1.28	1.70
2017-11-30 19:00	1	0.38	1.40			0.01	0.10	0.00	0.00	20.37	20.50			0.00	0.00
2017-11-30 19:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.47	20.60			0.00	0.00
2017-11-30 19:00	5			3.97	4.00			0.00	0.00	20.37	20.50	0.00	0.00	0.00	0.00
2017-11-30 19:00	8			1.10	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.71	0.90
2017-11-30 19:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.43	20.50			0.10	0.30
2017-11-30 19:00	12	0.12	0.60	2.02	3.00			0.00	0.00	20.56	20.60			1.07	1.50
2017-11-30 19:00	13			2.02	3.00			0.00	0.00	20.47	20.60	0.00	0.00	1.51	2.20
2017-11-30 20:00	1	0.58	1.80			0.01	0.20	0.00	0.00	20.33	20.40			0.00	0.00
2017-11-30 20:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.49	20.90			0.00	0.00
2017-11-30 20:00	5			3.92	5.00			0.00	0.00	20.33	20.40	0.00	0.00	0.00	0.00
2017-11-30 20:00	8			1.12	3.00			0.00	0.00	20.38	20.50	0.00	0.00	0.97	1.00
2017-11-30 20:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.32	20.40			0.14	0.30
2017-11-30 20:00	12	0.33	1.00	2.00	3.00			0.00	0.00	20.49	20.60			1.02	1.20
2017-11-30 20:00	13			2.00	2.00			0.00	0.00	20.49	20.90	0.00	0.00	1.65	2.10
2017-11-30 21:00	1	0.51	1.50			0.01	0.10	0.00	0.00	20.32	20.90			0.00	0.00
2017-11-30 21:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.39	20.50			0.00	0.00
2017-11-30 21:00	5			3.93	6.00			0.00	0.00	20.32	20.90	0.00	0.00	0.00	0.00

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2017-11-30 21:00	8			1.10	3.00			0.00	0.00	20.33	20.40	0.00	0.00	1.15	1.20
2017-11-30 21:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.28	20.40			0.11	0.30
2017-11-30 21:00	12	0.61	1.20	2.00	3.00			0.00	0.00	20.43	20.50			1.06	1.30
2017-11-30 21:00	13			1.98	3.00			0.00	0.00	20.39	20.50	0.00	0.00	1.73	2.10
2017-11-30 22:00	1	0.85	1.80			0.01	0.10	0.00	0.00	20.23	20.30			0.00	0.00
2017-11-30 22:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.40	20.50			0.00	0.00
2017-11-30 22:00	5			4.10	6.00			0.00	0.00	20.23	20.30	0.00	0.00	0.00	0.00
2017-11-30 22:00	8			1.02	2.00			0.00	0.00	20.31	20.40	0.00	0.00	1.26	1.40
2017-11-30 22:00	10			2.08	4.00	0.00	0.00	0.00	0.00	20.27	20.30			0.16	0.50
2017-11-30 22:00	12	0.59	1.20	2.00	2.00			0.00	0.00	20.44	20.50			1.11	1.40
2017-11-30 22:00	13			2.00	2.00			0.00	0.00	20.40	20.50	0.00	0.00	1.72	2.10
2017-11-30 23:00	1	0.60	1.60			0.01	0.10	0.00	0.00	20.25	20.60			0.00	0.00
2017-11-30 23:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.36	20.40			0.00	0.00
2017-11-30 23:00	5			3.97	5.00			0.00	0.00	20.26	20.60	0.00	0.00	0.00	0.00
2017-11-30 23:00	8			1.12	2.00			0.00	0.00	20.33	20.70	0.00	0.00	1.33	1.40
2017-11-30 23:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.25	20.30			0.14	0.40
2017-11-30 23:00	12	0.48	1.10	2.02	3.00			0.00	0.00	20.40	20.40			1.23	1.60
2017-11-30 23:00	13			2.00	3.00			0.00	0.00	20.36	20.40	0.00	0.00	1.77	2.10
2017-12-01 00:00	1	0.78	2.10			0.01	0.10	0.00	0.00	20.22	20.40			0.00	0.00
2017-12-01 00:00	2	0.02	0.80			0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2017-12-01 00:00	5			3.92	5.00			0.00	0.00	20.22	20.40	0.00	0.00	0.00	0.00
2017-12-01 00:00	8			1.03	2.00			0.00	0.00	20.21	20.30	0.00	0.00	1.37	1.40
2017-12-01 00:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.23	20.30			0.17	0.40
2017-12-01 00:00	12	0.36	0.90	2.00	2.00			0.00	0.00	20.32	20.40			1.47	1.80
2017-12-01 00:00	13			2.00	2.00			0.00	0.00	20.38	20.40	0.00	0.00	1.78	2.10
2017-12-01 01:00	1	0.51	1.60			0.00	0.00	0.00	0.00	20.21	20.30			0.00	0.00
2017-12-01 01:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.40	20.40			0.00	0.00
2017-12-01 01:00	5			3.93	5.00			0.00	0.00	20.21	20.30	0.00	0.00	0.00	0.00
2017-12-01 01:00	8			1.07	2.00			0.00	0.00	20.21	20.30	0.00	0.00	1.39	1.40
2017-12-01 01:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.24	20.30			0.17	0.50
2017-12-01 01:00	12	0.55	1.10	1.98	2.00			0.00	0.00	20.30	20.30			1.41	1.70
2017-12-01 01:00	13			2.00	3.00			0.00	0.00	20.40	20.40	0.00	0.00	1.83	2.30
2017-12-01 02:00	1	0.50	1.60			0.01	0.10	0.00	0.00	20.20	20.30			0.00	0.00

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2017-12-01 02:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.34	20.40			0.00	0.00
2017-12-01 02:00	5			4.08	6.00			0.00	0.00	20.20	20.30	0.00	0.00	0.00	0.00
2017-12-01 02:00	8			1.07	2.00			0.00	0.00	20.19	20.30	0.00	0.00	1.43	1.50
2017-12-01 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.20	20.30			0.17	0.40
2017-12-01 02:00	12	0.31	1.20	2.00	2.00			0.00	0.00	20.30	20.40			1.33	1.70
2017-12-01 02:00	13			2.00	3.00			0.00	0.00	20.34	20.40	0.00	0.00	1.84	2.10
2017-12-01 03:00	1	0.61	2.10			0.01	0.10	0.00	0.00	20.20	20.30			0.00	0.00
2017-12-01 03:00	2	0.00	0.20			0.00	0.00	0.00	0.00	20.30	20.30			0.00	0.00
2017-12-01 03:00	5			4.12	6.00			0.00	0.00	20.21	20.30	0.00	0.00	0.00	0.00
2017-12-01 03:00	8			1.03	2.00			0.00	0.00	20.16	20.20	0.00	0.00	1.47	1.50
2017-12-01 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.21	20.30			0.18	0.50
2017-12-01 03:00	12	0.28	0.70	1.97	2.00			0.00	0.00	20.32	20.40			1.21	1.40
2017-12-01 03:00	13			2.00	2.00			0.00	0.00	20.30	20.30	0.00	0.00	1.86	2.30
2017-12-01 04:00	1	0.78	1.80			0.02	0.10	0.00	0.00	20.17	20.40			0.00	0.00
2017-12-01 04:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.30	20.40			0.00	0.00
2017-12-01 04:00	5			4.03	7.00			0.00	0.00	20.17	20.40	0.00	0.00	0.00	0.00
2017-12-01 04:00	8			1.08	3.00			0.00	0.00	20.19	20.20	0.00	0.00	1.47	1.50
2017-12-01 04:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.20	20.20			0.21	0.40
2017-12-01 04:00	12	0.32	0.80	1.98	2.00			0.00	0.00	20.30	20.30			1.23	1.40
2017-12-01 04:00	13			2.02	3.00			0.00	0.00	20.30	20.40	0.00	0.00	1.94	2.30
2017-12-01 05:00	1	0.55	1.80			0.01	0.10	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-01 05:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.30	20.40			0.00	0.00
2017-12-01 05:00	5			4.07	6.00			0.00	0.00	20.20	20.20	0.00	0.00	0.00	0.00
2017-12-01 05:00	8			1.12	2.00			0.00	0.00	20.19	20.20	0.00	0.00	1.45	1.50
2017-12-01 05:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.17	20.20			0.22	0.50
2017-12-01 05:00	12	0.21	0.80	1.95	2.00			0.00	0.00	20.30	20.30			1.21	1.40
2017-12-01 05:00	13			2.07	4.00			0.00	0.00	20.30	20.40	0.00	0.00	1.95	2.30
2017-12-01 06:00	1	0.81	2.20			0.03	0.10	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-01 06:00	2	0.01	0.40			0.00	0.00	0.00	0.00	20.29	20.40			0.00	0.00
2017-12-01 06:00	5			4.08	6.00			0.00	0.00	20.20	20.20	0.00	0.00	0.00	0.00
2017-12-01 06:00	8			1.32	3.00			0.00	0.00	20.16	20.20	0.00	0.00	1.43	1.50
2017-12-01 06:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.13	20.20			0.21	0.50
2017-12-01 06:00	12	0.21	1.00	2.02	3.00			0.00	0.00	20.29	20.30			1.23	1.50

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2017-12-01 06:00	13			1.98	2.00			0.00	0.00	20.29	20.40	0.00	0.00	2.01	2.30
2017-12-01 07:00	1	0.57	1.60			0.00	0.10	0.00	0.00	20.16	20.20			0.00	0.00
2017-12-01 07:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.24	20.30			0.00	0.00
2017-12-01 07:00	5			4.00	5.00			0.00	0.00	20.16	20.20	0.00	0.00	0.00	0.00
2017-12-01 07:00	8			1.17	2.00			0.00	0.00	20.11	20.20	0.00	0.00	1.40	1.40
2017-12-01 07:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.11	20.20			0.21	0.70
2017-12-01 07:00	12	0.54	1.20	2.00	2.00			0.00	0.00	20.24	20.30			1.48	1.80
2017-12-01 07:00	13			2.00	3.00			0.00	0.00	20.24	20.30	0.00	0.00	1.95	2.30
2017-12-01 08:00	1	0.77	1.90			0.02	0.10	0.00	0.00	20.12	20.20			0.00	0.00
2017-12-01 08:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.46	20.90			0.00	0.00
2017-12-01 08:00	5			4.13	6.00			0.00	0.00	20.12	20.20	0.00	0.00	0.00	0.00
2017-12-01 08:00	8			1.35	2.00			0.00	0.00	20.43	20.90	0.00	0.00	0.88	1.40
2017-12-01 08:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.18	20.30			0.18	0.50
2017-12-01 08:00	12	0.51	1.30	1.92	2.00			0.00	0.00	20.50	20.90			0.97	1.80
2017-12-01 08:00	13			1.97	2.00			0.00	0.00	20.45	20.90	0.00	0.00	1.35	2.30
2017-12-01 09:00	1	0.36	1.60			0.00	0.10	0.00	0.00	20.20	20.40			0.00	0.00
2017-12-01 09:00	2	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-01 09:00	5			4.12	6.00			0.00	0.00	20.20	20.40	0.00	0.00	0.00	0.00
2017-12-01 09:00	8			1.32	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-01 09:00	10			2.18	4.00	0.00	0.00	0.00	0.00	20.24	20.40			0.11	0.30
2017-12-01 09:00	12	0.91	1.40	1.97	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2017-12-01 09:00	13			2.02	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-12-01 10:00	1	0.58	1.60			0.01	0.10	0.00	0.00	20.46	20.60			0.00	0.00
2017-12-01 10:00	2	0.12	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-01 10:00	5			4.07	6.00			0.00	0.00	20.47	20.60	0.00	0.00	0.00	0.00
2017-12-01 10:00	8			1.25	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-01 10:00	10			2.08	3.00	0.00	0.00	0.00	0.00	20.34	20.50			0.02	0.20
2017-12-01 10:00	12	1.10	1.60	2.02	3.00			0.00	0.00	20.90	20.90			0.00	0.20
2017-12-01 10:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-01 11:00	1	0.40	1.10			0.01	0.10	0.00	0.00	20.63	20.90			0.00	0.00
2017-12-01 11:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2017-12-01 11:00	5			3.95	5.00			0.00	0.00	20.64	20.90	0.00	0.00	0.00	0.00
2017-12-01 11:00	8			1.17	3.00			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)
2017-12-01 11:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.10
2017-12-01 11:00	12	1.19	4.70	1.98	2.00			0.00	0.00	20.90	20.90			0.00	0.00