

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)
2018-05-07 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-07 12:00	2	0.17	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 12:00	5			3.40	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-07 12:00	8			1.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	1.20
2018-05-07 12:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.65	20.90			0.01	0.10
2018-05-07 12:00	12	0.38	0.80	9.30	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 12:00	13			4.97	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 13:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-07 13:00	2	0.29	1.70			0.01	0.10	0.00	0.00	20.90	20.90			0.02	0.20
2018-05-07 13:00	5			3.47	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-07 13:00	8			1.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	1.70
2018-05-07 13:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.10
2018-05-07 13:00	12	0.35	1.00	9.52	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 13:00	13			4.58	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-07 14:00	2	0.40	1.70			0.00	0.10	0.00	0.00	20.90	20.90			0.03	0.20
2018-05-07 14:00	5			3.40	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-07 14:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	1.70
2018-05-07 14:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2018-05-07 14:00	12	0.38	0.90	9.83	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 14:00	13			5.02	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-07 15:00	2	0.35	1.50			0.00	0.10	0.00	0.00	20.90	20.90			0.25	0.80
2018-05-07 15:00	5			3.78	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-07 15:00	8			1.15	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	2.20
2018-05-07 15:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.75	20.90			0.00	0.00
2018-05-07 15:00	12	0.39	0.80	12.32	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 15:00	13			5.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-07 16:00	2	0.33	1.70			0.00	0.10	0.00	0.00	20.90	20.90			0.20	0.50
2018-05-07 16:00	5			3.83	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-07 16:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	2.20
2018-05-07 16:00	10			0.00	0.00	0.00	0.10	0.00	0.00	20.69	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)
2018-05-07 16:00	12	0.64	1.20	15.75	21.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 16:00	13			5.15	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.09	21.20				
2018-05-07 17:00	2	0.19	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.50
2018-05-07 17:00	5			3.72	4.00			0.00	0.00	21.09	21.20	0.00	0.00	0.00	0.10
2018-05-07 17:00	8			1.10	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.47	2.40
2018-05-07 17:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.70	20.90			0.00	0.10
2018-05-07 17:00	12	0.40	0.90	19.25	25.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 17:00	13			4.83	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.13	21.20				
2018-05-07 18:00	2	0.12	0.60			0.00	0.10	0.00	0.00	20.90	20.90			0.03	0.50
2018-05-07 18:00	5			3.88	5.00			0.00	0.00	21.13	21.20	0.00	0.00	0.01	0.10
2018-05-07 18:00	8			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.31	2.20
2018-05-07 18:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2018-05-07 18:00	12	0.03	0.60	15.05	22.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 18:00	13			4.15	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.19	21.20				
2018-05-07 19:00	2	0.18	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2018-05-07 19:00	5			3.93	4.00			0.00	0.00	21.19	21.20	0.00	0.00	0.00	0.10
2018-05-07 19:00	8			1.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	1.00
2018-05-07 19:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.87	20.90			0.03	0.10
2018-05-07 19:00	12	0.00	0.10	6.90	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 19:00	13			3.45	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.20	21.20				
2018-05-07 20:00	2	0.13	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 20:00	5			3.97	4.00			0.00	0.00	21.20	21.20	0.00	0.00	0.01	0.10
2018-05-07 20:00	8			1.53	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.20
2018-05-07 20:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.76	21.20			0.03	0.10
2018-05-07 20:00	12	0.00	0.10	4.73	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 20:00	13			2.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.20	21.30				
2018-05-07 21:00	2	0.22	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 21:00	5			4.00	5.00			0.00	0.00	21.20	21.30	0.00	0.00	0.01	0.10

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2018-05-07 21:00	8			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.50
2018-05-07 21:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.53	20.60			0.08	0.20
2018-05-07 21:00	12	0.02	0.20	3.93	5.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 21:00	13			3.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.19	21.20				
2018-05-07 22:00	2	0.07	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 22:00	5			4.00	5.00			0.00	0.00	21.19	21.20	0.00	0.00	0.00	0.10
2018-05-07 22:00	8			1.15	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.20
2018-05-07 22:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.47	20.50			0.10	0.30
2018-05-07 22:00	12	0.03	0.40	3.18	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 22:00	13			2.38	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-07 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.17	21.20				
2018-05-07 23:00	2	0.18	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 23:00	5			3.98	4.00			0.00	0.00	21.17	21.20	0.00	0.00	0.01	0.10
2018-05-07 23:00	8			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2018-05-07 23:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.45	20.50			0.15	0.30
2018-05-07 23:00	12	0.09	0.50	2.93	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-07 23:00	13			2.35	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	21.05	21.10				
2018-05-08 00:00	2	0.13	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 00:00	5			3.93	4.00			0.00	0.00	21.05	21.10	0.00	0.00	0.00	0.10
2018-05-08 00:00	8			1.17	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.20
2018-05-08 00:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.42	20.50			0.15	0.30
2018-05-08 00:00	12	0.05	0.30	2.72	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2018-05-08 00:00	13			2.13	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 01:00	2	0.34	2.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 01:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-08 01:00	8			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 01:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.39	20.50			0.18	0.30
2018-05-08 01:00	12	0.04	0.40	2.77	4.00			0.00	0.00	20.90	20.90			0.01	0.20
2018-05-08 01:00	13			2.17	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				

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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)
2018-05-08 02:00	2	0.21	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 02:00	5			4.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-08 02:00	8			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 02:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.39	20.50			0.16	0.40
2018-05-08 02:00	12	0.05	0.40	2.95	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 02:00	13			2.07	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 03:00	2	0.20	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 03:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-08 03:00	8			1.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 03:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.38	20.50			0.15	0.40
2018-05-08 03:00	12	0.08	0.60	2.53	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 03:00	13			2.07	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-08 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 04:00	2	0.18	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 04:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-08 04:00	8			0.92	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.20
2018-05-08 04:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.40	20.50			0.18	0.30
2018-05-08 04:00	12	0.04	0.40	2.58	4.00			0.00	0.00	20.90	20.90			0.01	0.30
2018-05-08 04:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.10
2018-05-08 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 05:00	2	0.21	1.30			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2018-05-08 05:00	5			3.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-08 05:00	8			0.97	2.00			0.00	0.00	20.72	20.90	0.00	0.00	0.00	0.00
2018-05-08 05:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.39	20.50			0.17	0.30
2018-05-08 05:00	12	0.03	0.50	2.35	3.00			0.00	0.00	20.72	20.90			0.00	0.00
2018-05-08 05:00	13			2.07	4.00			0.00	0.00	20.59	20.70	0.00	0.00	0.10	0.10
2018-05-08 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 06:00	2	0.38	1.50			0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2018-05-08 06:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2018-05-08 06:00	8			0.93	1.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.20
2018-05-08 06:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.36	20.50			0.18	0.40
2018-05-08 06:00	12	0.10	0.50	2.47	3.00			0.00	0.00	20.60	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)
2018-05-08 06:00	13			2.22	4.00			0.00	0.00	20.57	20.70	0.00	0.00	0.10	0.10
2018-05-08 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 07:00	2	0.20	1.50			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2018-05-08 07:00	5			3.90	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 07:00	8			0.92	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2018-05-08 07:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.34	20.40			0.14	0.30
2018-05-08 07:00	12	0.18	0.70	2.42	3.00			0.00	0.00	20.60	20.70			0.00	0.00
2018-05-08 07:00	13			2.12	4.00			0.00	0.00	20.65	20.70	0.00	0.00	0.04	0.10
2018-05-08 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 08:00	2	0.28	1.20			0.00	0.00	0.00	0.00	20.88	20.90			0.00	0.00
2018-05-08 08:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-08 08:00	8			0.92	3.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.20
2018-05-08 08:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.34	20.40			0.13	0.30
2018-05-08 08:00	12	0.14	0.60	2.82	4.00			0.00	0.00	20.59	20.70			0.00	0.10
2018-05-08 08:00	13			2.65	4.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.00
2018-05-08 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2018-05-08 09:00	2	0.17	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 09:00	5			3.83	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 09:00	8			1.13	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.05	1.20
2018-05-08 09:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.39	20.50			0.03	0.20
2018-05-08 09:00	12	0.34	0.90	3.42	4.00			0.00	0.00	20.65	20.70			0.00	0.00
2018-05-08 09:00	13			3.28	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 10:00	12	0.36	0.70	4.11	5.00			0.00	0.00	20.86	20.90			0.00	0.00
2018-05-08 13:00	12	0.36	0.70	9.13	12.00			0.00	0.00	20.90	20.90			0.44	0.60
2018-05-08 14:00	12	0.38	0.70	15.20	23.00			0.00	0.00	20.90	20.90			0.35	0.60
2018-05-08 15:00	1	0.14	0.60					0.00	0.00	20.90	20.90				
2018-05-08 15:00	2	0.19	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.25	1.10
2018-05-08 15:00	5			3.66	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 15:00	8			1.14	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.80
2018-05-08 15:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.65	20.90			0.00	0.00
2018-05-08 15:00	12	0.30	0.80	22.13	28.00			0.00	0.00	20.90	20.90			0.26	0.60
2018-05-08 15:00	13			12.10	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 16:00	1	0.07	0.50					0.00	0.00	20.90	20.90				

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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)
2018-05-08 16:00	2	0.30	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.35	1.50
2018-05-08 16:00	5			4.35	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 16:00	8			1.12	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	1.60
2018-05-08 16:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 16:00	12	0.22	0.70	23.95	28.00			0.00	0.00	20.90	20.90			0.17	0.40
2018-05-08 16:00	13			11.42	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 17:00	1	0.02	0.30					0.00	0.00	20.90	20.90				
2018-05-08 17:00	2	0.29	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.70
2018-05-08 17:00	5			3.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 17:00	8			1.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.80
2018-05-08 17:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 17:00	12	0.11	0.60	18.03	23.00			0.00	0.00	20.90	20.90			0.26	0.90
2018-05-08 17:00	13			8.60	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 18:00	1	0.02	0.70					0.00	0.00	20.90	20.90				
2018-05-08 18:00	2	0.28	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.21	1.10
2018-05-08 18:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 18:00	8			1.08	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.40
2018-05-08 18:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 18:00	12	0.01	0.20	14.15	19.00			0.00	0.00	20.90	20.90			0.37	0.70
2018-05-08 18:00	13			7.73	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 19:00	1	0.02	0.20					0.00	0.00	20.90	20.90				
2018-05-08 19:00	2	0.25	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.70
2018-05-08 19:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 19:00	8			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 19:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-08 19:00	12	0.00	0.00	8.80	12.00			0.00	0.00	20.90	20.90			0.54	1.10
2018-05-08 19:00	13			4.42	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 20:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-08 20:00	2	0.31	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.70
2018-05-08 20:00	5			3.82	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 20:00	8			1.17	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 20:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	21.20			0.00	0.10
2018-05-08 20:00	12	0.00	0.10	5.13	8.00			0.00	0.00	20.90	20.90			0.73	1.40

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)
2018-05-08 20:00	13			3.20	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 21:00	1	0.02	0.60					0.00	0.00	20.90	20.90				
2018-05-08 21:00	2	0.16	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.70
2018-05-08 21:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 21:00	8			1.23	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 21:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.61	20.90			0.00	0.00
2018-05-08 21:00	12	0.00	0.00	4.62	7.00			0.00	0.00	20.90	20.90			0.82	1.50
2018-05-08 21:00	13			3.02	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 22:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-08 22:00	2	0.28	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2018-05-08 22:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 22:00	8			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 22:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2018-05-08 22:00	12	0.01	0.20	3.95	6.00			0.00	0.00	20.90	20.90			0.87	1.60
2018-05-08 22:00	13			3.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 23:00	1	0.01	0.40					0.00	0.00	20.90	20.90				
2018-05-08 23:00	2	0.33	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2018-05-08 23:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 23:00	8			1.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-08 23:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.10
2018-05-08 23:00	12	0.01	0.10	3.93	4.00			0.00	0.00	20.90	20.90			0.91	1.50
2018-05-08 23:00	13			3.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 00:00	1	0.02	0.30					0.00	0.00	20.90	20.90				
2018-05-09 00:00	2	0.31	2.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-09 00:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 00:00	8			1.18	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 00:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2018-05-09 00:00	12	0.01	0.10	3.97	5.00			0.00	0.00	20.90	20.90			0.97	1.50
2018-05-09 00:00	13			2.85	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 01:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-09 01:00	2	0.32	1.20			0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2018-05-09 01:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 01:00	8			1.13	2.00			0.00	0.00	20.67	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)
2018-05-09 01:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.10
2018-05-09 01:00	12	0.02	0.30	3.97	5.00			0.00	0.00	20.77	20.90			1.10	1.80
2018-05-09 01:00	13			2.60	4.00			0.00	0.00	20.66	20.90	0.00	0.00	0.00	0.00
2018-05-09 02:00	1	0.00	0.20					0.00	0.00	20.90	20.90				
2018-05-09 02:00	2	0.25	1.20			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2018-05-09 02:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 02:00	8			1.27	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2018-05-09 02:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.10
2018-05-09 02:00	12	0.03	0.40	3.92	5.00			0.00	0.00	20.59	20.70			0.95	1.30
2018-05-09 02:00	13			2.68	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2018-05-09 03:00	1	0.02	0.50					0.00	0.00	20.90	20.90				
2018-05-09 03:00	2	0.30	1.50			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2018-05-09 03:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 03:00	8			1.43	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2018-05-09 03:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.10
2018-05-09 03:00	12	0.01	0.20	4.07	6.00			0.00	0.00	20.60	20.70			1.03	1.80
2018-05-09 03:00	13			2.57	3.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2018-05-09 04:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-09 04:00	2	0.34	1.70			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2018-05-09 04:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 04:00	8			1.35	3.00			0.00	0.00	20.57	20.70	0.00	0.00	0.01	0.40
2018-05-09 04:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.51	20.60			0.01	0.10
2018-05-09 04:00	12	0.01	0.20	3.88	5.00			0.00	0.00	20.58	20.70			1.06	1.30
2018-05-09 04:00	13			2.80	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2018-05-09 05:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-09 05:00	2	0.37	2.10			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2018-05-09 05:00	5			3.92	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 05:00	8			1.50	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.01	0.40
2018-05-09 05:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.50	20.60			0.01	0.20
2018-05-09 05:00	12	0.01	0.20	3.87	5.00			0.00	0.00	20.56	20.70			1.17	1.80
2018-05-09 05:00	13			2.78	5.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2018-05-09 06:00	1	0.02	0.60					0.00	0.00	20.90	20.90				
2018-05-09 06:00	2	0.34	1.50			0.00	0.00	0.00	0.00	20.56	20.60			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)
2018-05-09 06:00	5			4.97	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 06:00	8			2.68	4.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2018-05-09 06:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.55	20.60			0.03	0.20
2018-05-09 06:00	12	0.01	0.10	4.52	7.00			0.00	0.00	20.58	20.60			1.64	2.20
2018-05-09 06:00	13			3.63	4.00			0.00	0.00	20.56	20.60	0.00	0.00	0.07	0.10
2018-05-09 07:00	1	0.00	0.10					0.00	0.00	20.90	20.90				
2018-05-09 07:00	2	0.18	0.90			0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2018-05-09 07:00	5			5.57	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 07:00	8			3.55	6.00			0.00	0.00	20.57	20.70	0.00	0.00	0.00	0.00
2018-05-09 07:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.54	20.60			0.02	0.20
2018-05-09 07:00	12	0.03	0.70	5.15	8.00			0.00	0.00	20.61	20.70			2.17	2.50
2018-05-09 07:00	13			3.93	7.00			0.00	0.00	20.49	20.50	0.00	0.00	0.10	0.10
2018-05-09 08:00	1	0.01	0.10					0.00	0.00	20.90	20.90				
2018-05-09 08:00	2	0.39	1.70			0.00	0.00	0.00	0.00	20.45	20.50			0.00	0.00
2018-05-09 08:00	5			4.50	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 08:00	8			2.27	3.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2018-05-09 08:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.50	20.60			0.02	0.10
2018-05-09 08:00	12	0.10	0.50	4.02	5.00			0.00	0.00	20.53	20.60			2.29	3.00
2018-05-09 08:00	13			3.10	4.00			0.00	0.00	20.45	20.50	0.00	0.00	0.10	0.20
2018-05-09 09:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-09 09:00	2	0.23	1.20			0.00	0.00	0.00	0.00	20.47	20.50			0.00	0.00
2018-05-09 09:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 09:00	8			1.62	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2018-05-09 09:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.47	20.50			0.00	0.00
2018-05-09 09:00	12	0.23	1.70	3.95	4.00			0.00	0.00	20.55	20.60			2.31	2.70
2018-05-09 09:00	13			2.95	4.00			0.00	0.00	20.47	20.50	0.00	0.00	0.10	0.20
2018-05-09 10:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-09 10:00	2	0.64	4.40			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2018-05-09 10:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 10:00	8			1.48	3.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.00
2018-05-09 10:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2018-05-09 10:00	12	0.16	2.40	3.85	6.00			0.00	0.00	20.55	20.60			2.23	2.50
2018-05-09 10:00	13			2.87	4.00			0.00	0.00	20.53	20.60	0.00	0.00	0.10	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)
2018-05-09 11:00	1	0.00	0.10					0.00	0.00	20.90	20.90				
2018-05-09 11:00	2	0.38	2.00			0.00	0.00	0.00	0.00	20.51	20.60			0.06	0.70
2018-05-09 11:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 11:00	8			1.25	3.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2018-05-09 11:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.45	20.60			0.00	0.00
2018-05-09 11:00	12	0.45	1.80	4.42	7.00			0.00	0.00	20.54	20.60			1.30	2.10
2018-05-09 11:00	13			2.88	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.09	0.10
2018-05-09 12:00	1	0.02	0.40					0.00	0.00	20.90	20.90				
2018-05-09 12:00	2	0.30	1.30			0.00	0.00	0.00	0.00	20.53	20.60			0.34	1.10
2018-05-09 12:00	5			3.47	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 12:00	8			1.05	2.00			0.00	0.00	20.64	20.70	0.00	0.00	0.01	0.40
2018-05-09 12:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2018-05-09 12:00	12	0.49	0.90	7.03	12.00			0.00	0.00	20.60	20.70			0.62	1.20
2018-05-09 12:00	13			3.78	5.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.10
2018-05-09 13:00	1	0.06	0.60					0.00	0.00	20.90	20.90				
2018-05-09 13:00	2	0.44	1.60			0.00	0.00	0.00	0.00	20.57	20.60			0.11	0.30
2018-05-09 13:00	5			3.10	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 13:00	8			0.97	3.00			0.00	0.00	20.86	20.90	0.00	0.00	0.01	0.40
2018-05-09 13:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2018-05-09 13:00	12	0.51	0.90	10.78	15.00			0.00	0.00	20.78	20.90			0.40	1.00
2018-05-09 13:00	13			4.82	9.00			0.00	0.00	20.57	20.60	0.00	0.10	0.00	0.00
2018-05-09 14:00	1	0.06	0.40					0.00	0.00	20.90	20.90				
2018-05-09 14:00	2	0.30	1.20			0.00	0.00	0.00	0.00	20.62	20.70			0.29	1.10
2018-05-09 14:00	5			3.45	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 14:00	8			1.02	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.80
2018-05-09 14:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2018-05-09 14:00	12	0.49	1.00	15.43	19.00			0.00	0.00	20.90	20.90			0.26	1.00
2018-05-09 14:00	13			7.23	10.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2018-05-09 15:00	1	0.06	0.60					0.00	0.00	20.90	20.90				
2018-05-09 15:00	2	0.48	1.90			0.00	0.00	0.00	0.00	20.67	20.90			0.44	1.10
2018-05-09 15:00	5			3.34	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 15:00	8			1.33	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	1.60
2018-05-09 15:00	10			0.00	0.00	0.00	0.10	0.00	0.00	20.59	20.70			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)
2018-05-09 15:00	12	0.57	1.00	19.83	24.00			0.00	0.00	20.90	20.90			0.27	0.80
2018-05-09 15:00	13			9.83	12.00			0.00	0.00	20.66	20.90	0.00	0.00	0.00	0.00
2018-05-09 16:00	1	0.05	0.60					0.00	0.00	20.90	20.90				
2018-05-09 16:00	2	0.60	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.31	1.10
2018-05-09 16:00	5			3.70	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 16:00	8			1.12	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	1.60
2018-05-09 16:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2018-05-09 16:00	12	0.45	1.00	24.28	30.00			0.00	0.00	20.90	20.90			0.19	0.60
2018-05-09 16:00	13			12.57	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 17:00	1	0.03	0.30					0.00	0.00	20.90	20.90				
2018-05-09 17:00	2	0.45	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.52	1.10
2018-05-09 17:00	5			3.48	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 17:00	8			1.22	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	1.60
2018-05-09 17:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.76	20.90			0.00	0.00
2018-05-09 17:00	12	0.41	1.00	23.13	29.00			0.00	0.00	20.90	20.90			0.15	0.70
2018-05-09 17:00	13			14.58	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 18:00	1	0.04	0.50					0.00	0.00	20.90	20.90				
2018-05-09 18:00	2	0.50	2.40			0.00	0.00	0.00	0.00	20.90	20.90			0.27	1.10
2018-05-09 18:00	5			3.35	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 18:00	8			1.35	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	1.20
2018-05-09 18:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-09 18:00	12	0.10	0.60	20.37	28.00			0.00	0.00	20.90	20.90			0.18	0.60
2018-05-09 18:00	13			13.05	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 19:00	1	0.02	0.40					0.00	0.00	20.90	20.90				
2018-05-09 19:00	2	0.42	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.28	1.10
2018-05-09 19:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 19:00	8			1.13	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.80
2018-05-09 19:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2018-05-09 19:00	12	0.04	0.70	12.52	18.00			0.00	0.00	20.90	20.90			0.60	1.20
2018-05-09 19:00	13			9.23	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 20:00	1	0.01	0.40					0.00	0.00	20.90	20.90				
2018-05-09 20:00	2	0.35	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.23	1.10
2018-05-09 20:00	5			3.73	5.00			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)
2018-05-09 20:00	8			1.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 20:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2018-05-09 20:00	12	0.02	0.50	8.68	11.00			0.00	0.00	20.90	20.90			0.45	1.10
2018-05-09 20:00	13			5.33	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 21:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-09 21:00	2	0.21	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.70
2018-05-09 21:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 21:00	8			1.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.40
2018-05-09 21:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.72	20.90			0.00	0.00
2018-05-09 21:00	12	0.01	0.10	6.23	9.00			0.00	0.00	20.90	20.90			0.62	1.20
2018-05-09 21:00	13			3.80	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 22:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-09 22:00	2	0.12	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.30
2018-05-09 22:00	5			3.80	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 22:00	8			1.28	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 22:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.60	20.90			0.00	0.00
2018-05-09 22:00	12	0.02	0.30	5.38	7.00			0.00	0.00	20.90	20.90			0.83	1.30
2018-05-09 22:00	13			2.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 23:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-09 23:00	2	0.26	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2018-05-09 23:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 23:00	8			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-09 23:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2018-05-09 23:00	12	0.03	0.30	4.12	6.00			0.00	0.00	20.90	20.90			0.79	1.10
2018-05-09 23:00	13			3.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 00:00	1	0.00	0.10					0.00	0.00	20.90	20.90				
2018-05-10 00:00	2	0.18	0.90			0.00	0.00	0.00	0.00	20.82	20.90			0.02	0.30
2018-05-10 00:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 00:00	8			1.28	3.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.00
2018-05-10 00:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.10
2018-05-10 00:00	12	0.01	0.20	4.07	5.00			0.00	0.00	20.90	20.90			0.91	1.20
2018-05-10 00:00	13			2.85	4.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.00
2018-05-10 01:00	1	0.02	0.20					0.00	0.00	20.90	20.90				

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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)
2018-05-10 01:00	2	0.34	1.50			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2018-05-10 01:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 01:00	8			1.33	2.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.00
2018-05-10 01:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.49	20.60			0.01	0.20
2018-05-10 01:00	12	0.01	0.20	3.95	5.00			0.00	0.00	20.60	20.90			1.04	1.30
2018-05-10 01:00	13			2.78	3.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2018-05-10 02:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-10 02:00	2	0.26	1.70			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2018-05-10 02:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 02:00	8			1.50	2.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2018-05-10 02:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.51	20.60			0.02	0.20
2018-05-10 02:00	12	0.02	0.30	3.72	4.00			0.00	0.00	20.56	20.60			1.30	1.70
2018-05-10 02:00	13			2.63	4.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2018-05-10 03:00	1	0.02	0.60					0.00	0.00	20.90	20.90				
2018-05-10 03:00	2	0.40	1.60			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2018-05-10 03:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 03:00	8			1.32	3.00			0.00	0.00	20.57	20.60	0.00	0.00	0.01	0.40
2018-05-10 03:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.47	20.60			0.04	0.20
2018-05-10 03:00	12	0.02	0.30	3.07	4.00			0.00	0.00	20.59	20.60			1.41	1.80
2018-05-10 03:00	13			2.60	5.00			0.00	0.00	20.54	20.60	0.00	0.00	0.01	0.10
2018-05-10 04:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-10 04:00	2	0.21	1.10			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2018-05-10 04:00	5			3.87	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 04:00	8			1.22	3.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2018-05-10 04:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.47	20.60			0.05	0.20
2018-05-10 04:00	12	0.11	0.60	3.07	4.00			0.00	0.00	20.53	20.60			1.37	1.60
2018-05-10 04:00	13			2.32	3.00			0.00	0.00	20.50	20.50	0.00	0.00	0.09	0.10
2018-05-10 05:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-10 05:00	2	0.23	2.10			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2018-05-10 05:00	5			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 05:00	8			1.45	4.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2018-05-10 05:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.48	20.50			0.04	0.20
2018-05-10 05:00	12	0.10	0.50	2.92	4.00			0.00	0.00	20.53	20.60			1.47	2.20

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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)
2018-05-10 05:00	13			2.30	3.00			0.00	0.00	20.54	20.60	0.00	0.00	0.10	0.10
2018-05-10 06:00	1	0.02	0.40					0.00	0.00	20.90	20.90				
2018-05-10 06:00	2	0.53	2.10			0.00	0.00	0.00	0.00	20.45	20.50			0.00	0.00
2018-05-10 06:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 06:00	8			1.18	3.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2018-05-10 06:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.46	20.50			0.06	0.20
2018-05-10 06:00	12	0.12	0.80	3.03	4.00			0.00	0.00	20.57	20.60			1.58	2.00
2018-05-10 06:00	13			2.55	4.00			0.00	0.00	20.45	20.50	0.00	0.00	0.11	0.20
2018-05-10 07:00	1	0.01	0.20					0.00	0.00	20.90	20.90				
2018-05-10 07:00	2	0.19	1.30			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2018-05-10 07:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2018-05-10 07:00	8			1.22	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2018-05-10 07:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.42	20.50			0.03	0.20
2018-05-10 07:00	12	0.28	1.00	3.18	5.00			0.00	0.00	20.51	20.60			1.49	1.80
2018-05-10 07:00	13			2.62	3.00			0.00	0.00	20.50	20.60	0.00	0.00	0.11	0.20
2018-05-10 08:00	1	0.01	0.30					0.00	0.00	20.90	20.90				
2018-05-10 08:00	2	0.42	1.90			0.00	0.00	0.00	0.00	20.52	20.60			0.06	0.30
2018-05-10 08:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 08:00	8			1.60	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.01	0.40
2018-05-10 08:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.44	20.60			0.00	0.20
2018-05-10 08:00	12	0.33	1.00	3.97	6.00			0.00	0.00	20.53	20.60			1.14	1.70
2018-05-10 08:00	13			2.87	3.00			0.00	0.00	20.52	20.60	0.00	0.00	0.06	0.10
2018-05-10 09:00	1	0.03	0.60					0.00	0.00	20.90	20.90				
2018-05-10 09:00	2	0.30	1.30			0.00	0.00	0.00	0.00	20.60	20.70			0.30	1.10
2018-05-10 09:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 09:00	8			1.08	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.00	0.00
2018-05-10 09:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2018-05-10 09:00	12	0.34	0.80	4.40	6.00			0.00	0.00	20.56	20.70			0.93	1.30
2018-05-10 09:00	13			3.40	5.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2018-05-10 10:00	1	0.05	0.60					0.00	0.00	20.90	20.90				
2018-05-10 10:00	2	0.48	2.00			0.00	0.00	0.00	0.00	20.63	20.70			0.30	1.50
2018-05-10 10:00	5			3.75	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 10:00	8			1.13	3.00			0.00	0.00	20.60	20.70	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)
2018-05-10 10:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2018-05-10 10:00	12	0.30	0.80	5.98	11.00			0.00	0.00	20.58	20.70			0.62	1.30
2018-05-10 10:00	13			4.02	5.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2018-05-10 11:00	1	0.03	0.50					0.00	0.00	20.90	20.90				
2018-05-10 11:00	2	0.49	1.70			0.00	0.00	0.00	0.00	20.59	20.70			0.27	1.10
2018-05-10 11:00	5			3.42	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2018-05-10 11:00	8			1.02	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2018-05-10 11:00	10			0.00	0.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2018-05-10 11:00	12	0.46	0.90	9.57	15.00			0.00	0.00	20.63	20.70			0.45	1.20
2018-05-10 11:00	13			4.55	6.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.00