

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)
2016-04-18 12:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-04-18 12:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 12:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.26	0.50
2016-04-18 12:00	8			4.51	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 12:00	10			4.48	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 12:00	12	0.00	0.00	4.70	26.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 12:00	13			3.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 13:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.30
2016-04-18 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 13:00	5			3.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.40
2016-04-18 13:00	8			4.46	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 13:00	10			5.32	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 13:00	12	0.00	0.10	4.49	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 13:00	13			3.51	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.50
2016-04-18 14:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 14:00	5			3.50	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	0.40
2016-04-18 14:00	8			5.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 14:00	10			6.61	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 14:00	12	0.00	0.00	5.38	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 14:00	13			4.28	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 15:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2016-04-18 15:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 15:00	5			3.79	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.40
2016-04-18 15:00	8			5.64	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 15:00	10			8.12	12.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 15:00	12	0.00	0.00	5.69	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 15:00	13			5.55	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2016-04-18 16:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 16:00	5			3.68	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	0.50

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-04-18 16:00	8			4.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 16:00	10			8.50	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 16:00	12	0.00	0.00	5.98	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 16:00	13			7.71	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 17:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.40
2016-04-18 17:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 17:00	5			3.79	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.60
2016-04-18 17:00	8			5.98	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 17:00	10			8.95	13.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 17:00	12	0.00	0.00	5.82	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 17:00	13			6.67	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 18:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-04-18 18:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.97	21.20			0.00	0.00
2016-04-18 18:00	5			3.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.40
2016-04-18 18:00	8			6.37	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 18:00	10			7.08	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 18:00	12	0.00	0.00	4.28	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 18:00	13			3.53	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-04-18 19:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.10	21.10			0.00	0.00
2016-04-18 19:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.40
2016-04-18 19:00	8			4.76	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 19:00	10			4.92	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 19:00	12	0.00	0.00	2.71	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 19:00	13			2.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.50
2016-04-18 20:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.91	21.10			0.00	0.00
2016-04-18 20:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.40
2016-04-18 20:00	8			4.53	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 20:00	10			3.74	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 20:00	12	0.00	0.00	2.36	4.00			0.00	0.00	20.90	20.90			0.00	0.00

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2016-04-18 20:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.40
2016-04-18 21:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 21:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-04-18 21:00	8			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 21:00	10			3.00	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 21:00	12	0.00	0.00	1.98	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 21:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 22:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-04-18 22:00	2	0.00	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 22:00	5			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-04-18 22:00	8			3.21	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 22:00	10			3.10	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 22:00	12	0.00	0.00	1.90	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-18 22:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 23:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.26	0.60
2016-04-18 23:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-04-18 23:00	5			4.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.20
2016-04-18 23:00	8			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-18 23:00	10			2.98	4.00	0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2016-04-18 23:00	12	0.00	0.00	2.00	20.00			0.00	0.00	20.62	20.90			0.00	0.00
2016-04-18 23:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 00:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.67	1.00
2016-04-19 00:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.39	0.80
2016-04-19 00:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-04-19 00:00	8			3.76	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 00:00	10			2.75	4.00	0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2016-04-19 00:00	12	0.00	0.00	1.63	4.00			0.00	0.00	20.54	20.60			0.00	0.00
2016-04-19 00:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.82	1.00
2016-04-19 01:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.78	0.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-04-19 01:00	5			3.81	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-04-19 01:00	8			3.41	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 01:00	10			2.33	3.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-04-19 01:00	12	0.00	0.00	1.31	3.00			0.00	0.00	20.57	20.60			0.00	0.00
2016-04-19 01:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-04-19 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.83	1.10
2016-04-19 02:00	2	0.00	0.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 02:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-04-19 02:00	8			3.24	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 02:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-19 02:00	12	0.00	0.00	1.38	3.00			0.00	0.00	20.53	20.60			0.00	0.00
2016-04-19 02:00	13			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2016-04-19 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.81	1.10
2016-04-19 03:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 03:00	5			4.03	6.00			0.00	0.00	20.62	20.90	0.00	0.00	0.03	0.20
2016-04-19 03:00	8			3.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-04-19 03:00	10			2.56	3.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-19 03:00	12	0.00	0.00	1.97	18.00			0.00	0.00	20.50	20.50			0.00	0.00
2016-04-19 03:00	13			2.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.20
2016-04-19 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.84	1.00
2016-04-19 04:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 04:00	5			3.95	4.00			0.00	0.00	20.61	20.70	0.00	0.00	0.08	0.40
2016-04-19 04:00	8			3.13	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	0.60
2016-04-19 04:00	10			2.74	3.00	0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2016-04-19 04:00	12	0.00	0.00	1.43	3.00			0.00	0.00	20.50	20.60			0.00	0.00
2016-04-19 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	0.20
2016-04-19 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.89	20.90			0.79	1.00
2016-04-19 05:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 05:00	5			4.05	5.00			0.00	0.00	20.58	20.60	0.00	0.10	0.08	0.20
2016-04-19 05:00	8			2.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.86	1.70
2016-04-19 05:00	10			2.57	3.00	0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00

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2016-04-19 05:00	12	0.00	0.00	2.03	24.00			0.00	0.00	20.53	20.60			0.00	0.00
2016-04-19 05:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.21	0.40
2016-04-19 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.61	20.70			0.80	1.00
2016-04-19 06:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 06:00	5			4.03	5.00			0.00	0.00	20.81	20.90	0.00	0.00	0.36	0.90
2016-04-19 06:00	8			2.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	2.17	3.30
2016-04-19 06:00	10			2.50	3.00	0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2016-04-19 06:00	12	0.00	0.00	1.71	13.00			0.00	0.00	20.50	20.50			0.00	0.00
2016-04-19 06:00	13			2.07	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	0.40
2016-04-19 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.60	20.70			0.83	1.10
2016-04-19 07:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 07:00	5			4.00	4.00			0.00	0.00	20.66	20.90	0.00	0.10	0.52	0.90
2016-04-19 07:00	8			2.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	3.18	3.50
2016-04-19 07:00	10			2.43	4.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2016-04-19 07:00	12	0.00	0.00	1.29	3.00			0.00	0.00	20.46	20.50			0.00	0.00
2016-04-19 07:00	13			2.00	2.00			0.00	0.00	20.79	20.90	0.00	0.00	0.24	0.40
2016-04-19 08:00	1	0.01	0.40			0.00	0.00	0.00	0.00	20.60	20.60			0.77	1.00
2016-04-19 08:00	2	0.04	0.80			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 08:00	5			3.95	4.00			0.00	0.00	20.54	20.60	0.00	0.00	0.08	0.20
2016-04-19 08:00	8			2.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	2.51	3.30
2016-04-19 08:00	10			2.48	4.00	0.00	0.00	0.00	0.00	20.53	20.90			0.00	0.00
2016-04-19 08:00	12	0.00	0.00	1.90	22.00			0.00	0.00	20.47	20.50			0.00	0.00
2016-04-19 08:00	13			2.03	3.00			0.00	0.00	20.71	20.90	0.00	0.00	0.19	0.20
2016-04-19 09:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.59	20.60			0.69	1.00
2016-04-19 09:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 09:00	5			4.00	4.00			0.00	0.00	20.60	20.60	0.01	0.10	0.09	0.20
2016-04-19 15:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.70
2016-04-19 15:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 15:00	5			3.91	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.29	1.00
2016-04-19 15:00	8			6.17	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-04-19 15:00	10			5.05	6.00	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)
2016-04-19 15:00	12	0.00	0.00	4.59	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 15:00	13			2.71	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 16:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.70	1.40
2016-04-19 16:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 16:00	5			3.85	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.42	1.00
2016-04-19 16:00	8			4.45	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.40
2016-04-19 16:00	10			4.21	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 16:00	12	0.02	0.30	2.85	20.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-04-19 16:00	13			2.10	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 17:00	1	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.86	1.60
2016-04-19 17:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 17:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.52	1.30
2016-04-19 17:00	8			4.92	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.40
2016-04-19 17:00	10			3.14	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 17:00	12	0.05	0.70	2.68	4.00			0.00	0.00	20.90	20.90			0.00	0.10
2016-04-19 17:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-19 18:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.82	1.20
2016-04-19 18:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 18:00	5			3.70	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.63	1.00
2016-04-19 18:00	8			4.38	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.31	0.50
2016-04-19 18:00	10			3.28	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 18:00	12	0.04	0.30	2.84	23.00			0.00	0.00	20.90	20.90			0.03	0.10
2016-04-19 18:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-04-19 19:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.74	1.60
2016-04-19 19:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 19:00	5			3.95	4.00			0.00	0.00	20.61	20.90	0.00	0.10	0.42	1.00
2016-04-19 19:00	8			3.94	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.40
2016-04-19 19:00	10			3.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 19:00	12	0.04	1.10	3.26	27.00			0.00	0.00	20.90	20.90			0.03	0.10
2016-04-19 19:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-04-19 20:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.63	1.00

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)
2016-04-19 20:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 20:00	5			3.95	4.00			0.00	0.00	20.61	20.70	0.00	0.00	0.15	0.60
2016-04-19 20:00	8			3.37	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.27	0.50
2016-04-19 20:00	10			2.90	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 20:00	12	0.04	0.70	2.37	20.00			0.00	0.00	20.90	20.90			0.07	0.10
2016-04-19 20:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.20
2016-04-19 21:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.66	1.00
2016-04-19 21:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 21:00	5			3.92	4.00			0.00	0.00	20.60	20.70	0.00	0.00	0.09	0.60
2016-04-19 21:00	8			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.34	0.60
2016-04-19 21:00	10			2.89	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 21:00	12	0.07	1.10	1.75	3.00			0.00	0.00	20.90	20.90			0.10	0.10
2016-04-19 21:00	13			2.06	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2016-04-19 22:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.68	1.00
2016-04-19 22:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 22:00	5			3.86	5.00			0.00	0.00	20.67	20.90	0.00	0.00	0.15	0.60
2016-04-19 22:00	8			3.95	5.00					20.90	20.90	0.00	0.00	0.44	0.80
2016-04-19 22:00	10			2.34	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-19 22:00	12	0.05	1.80	1.83	8.00			0.00	0.00	20.90	20.90			0.11	0.20
2016-04-19 22:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	0.40
2016-04-19 23:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.68	1.20
2016-04-19 23:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-19 23:00	5			4.08	6.00			0.00	0.00	20.84	20.90	0.00	0.00	0.18	0.60
2016-04-19 23:00	8			3.11	4.00					20.90	20.90	0.00	0.00	0.73	1.00
2016-04-19 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.91	21.40			0.00	0.00
2016-04-19 23:00	12	0.03	0.30	1.92	9.00			0.00	0.00	20.90	20.90			0.13	0.20
2016-04-19 23:00	13			2.08	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.32	0.50
2016-04-20 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.65	1.00
2016-04-20 00:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 00:00	5			3.97	4.00			0.00	0.00	20.83	20.90	0.00	0.00	0.30	1.00
2016-04-20 00:00	8			3.03	4.00					20.90	20.90	0.00	0.00	0.82	1.20

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)
2016-04-20 00:00	10			2.66	5.00	0.00	0.00	0.00	0.00	20.70	20.90			0.00	0.00
2016-04-20 00:00	12	0.01	0.30	1.82	18.00			0.00	0.00	20.90	20.90			0.15	0.20
2016-04-20 00:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.35	0.50
2016-04-20 01:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.82	20.90			0.59	0.80
2016-04-20 01:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 01:00	5			3.95	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.23	0.60
2016-04-20 01:00	8			2.83	4.00					20.90	20.90	0.00	0.00	0.82	1.20
2016-04-20 01:00	10			2.11	3.00	0.00	0.00	0.00	0.00	20.68	20.90			0.00	0.00
2016-04-20 01:00	12	0.01	0.30	1.93	20.00			0.00	0.00	20.90	20.90			0.19	0.20
2016-04-20 01:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.44	0.80
2016-04-20 02:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.60	20.60			0.53	0.80
2016-04-20 02:00	2	0.06	0.50			0.00	0.00			20.90	20.90				
2016-04-20 02:00	5			3.95	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.15	0.60
2016-04-20 02:00	8			2.18	4.00					20.90	20.90	0.00	0.00	1.09	1.50
2016-04-20 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-04-20 02:00	12	0.02	0.30	1.28	3.00			0.00	0.00	20.90	20.90			0.20	0.20
2016-04-20 02:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	0.80
2016-04-20 03:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.55	0.80
2016-04-20 03:00	2	0.04	0.30			0.00	0.00			20.90	20.90				
2016-04-20 03:00	5			3.87	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.15	0.60
2016-04-20 03:00	8			1.98	3.00					20.90	20.90	0.00	0.00	1.51	1.90
2016-04-20 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.56	20.70			0.00	0.00
2016-04-20 03:00	12	0.06	0.70	1.31	6.00			0.00	0.00	20.90	20.90			0.20	0.20
2016-04-20 03:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	0.80
2016-04-20 04:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.59	1.00
2016-04-20 04:00	2	0.05	0.40			0.00	0.00			20.90	20.90				
2016-04-20 04:00	5			3.95	5.00			0.00	0.00	20.48	20.50	0.00	0.10	0.06	0.60
2016-04-20 04:00	8			2.00	2.00					20.70	20.90	0.00	0.00	1.31	1.70
2016-04-20 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2016-04-20 04:00	12	0.13	1.10	1.53	11.00			0.00	0.00	20.90	20.90			0.20	0.20
2016-04-20 04:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	0.60



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)
2016-04-20 05:00	1	0.03	0.20			0.00	0.00	0.00	0.00	20.61	20.70			0.53	0.80
2016-04-20 05:00	2	0.08	0.40			0.00	0.00			20.90	20.90				
2016-04-20 05:00	5			4.05	5.00			0.00	0.00	20.48	20.60	0.00	0.00	0.05	0.60
2016-04-20 05:00	8			2.37	3.00					20.63	20.70	0.00	0.00	0.89	1.20
2016-04-20 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-04-20 05:00	12	0.07	1.10	1.39	3.00			0.00	0.00	20.90	20.90			0.19	0.20
2016-04-20 05:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.30	0.50
2016-04-20 06:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.60	20.60			0.50	0.80
2016-04-20 06:00	2	0.04	0.30			0.00	0.00			20.90	20.90				
2016-04-20 06:00	5			4.06	6.00			0.00	0.00	20.51	20.60	0.00	0.00	0.04	0.30
2016-04-20 06:00	8			2.87	4.00					20.63	20.70	0.00	0.00	0.83	1.20
2016-04-20 06:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-04-20 06:00	12	0.02	0.30	1.35	2.00			0.00	0.00	20.90	20.90			0.17	0.20
2016-04-20 06:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.30	0.50
2016-04-20 07:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.52	0.80
2016-04-20 07:00	2	0.03	0.20			0.00	0.00			20.90	20.90				
2016-04-20 07:00	5			4.00	5.00			0.00	0.00	20.50	20.60	0.00	0.10	0.14	0.60
2016-04-20 07:00	8			3.00	4.00			0.00	0.00	20.88	20.90	0.00	0.00	0.71	1.20
2016-04-20 07:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-04-20 07:00	12	0.08	0.70	2.03	19.00			0.00	0.00	20.90	20.90			0.17	0.20
2016-04-20 07:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.36	0.50
2016-04-20 08:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.61	1.00
2016-04-20 08:00	2	0.47	1.10			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 08:00	5			4.08	5.00			0.00	0.00	20.62	21.30	0.00	0.10	0.92	1.30
2016-04-20 08:00	8			3.31	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.60	0.80
2016-04-20 08:00	10			2.28	4.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-04-20 08:00	12	0.03	0.70	1.90	3.00			0.00	0.00	20.90	20.90			0.28	0.40
2016-04-20 08:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2016-04-20 09:00	1	0.01	0.10			0.00	0.00			20.53	20.60			0.62	1.00
2016-04-20 09:00	2	0.48	1.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 09:00	5			3.97	6.00			0.00	0.00	20.50	20.60	0.00	0.00	1.40	2.30

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)
2016-04-20 09:00	8			2.96	4.00			0.00	0.00	20.90	20.90	0.00	0.00		
2016-04-20 09:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-04-20 09:00	12	0.24	1.80	1.95	7.00			0.00	0.00	20.78	20.90			0.38	0.50
2016-04-20 09:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	0.80
2016-04-20 10:00	1	0.06	0.30			0.00	0.00	0.00	0.00	20.74	20.90			0.30	0.80
2016-04-20 10:00	2	0.45	1.20			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 10:00	5			3.89	4.00			0.00	0.00	20.45	20.50	0.00	0.00	1.57	2.30
2016-04-20 10:00	8			3.27	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-04-20 10:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-04-20 10:00	12	0.18	1.40	1.56	3.00			0.00	0.00	20.62	20.70			0.30	0.40
2016-04-20 10:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2016-04-20 11:00	1	0.10	0.50					0.00	0.00	20.90	20.90			0.07	0.30
2016-04-20 11:00	2	0.45	0.80			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 11:00	5			3.95	5.00			0.00	0.00	20.46	20.50	0.00	0.00	1.31	2.00
2016-04-20 11:00	8			3.98	5.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 11:00	10			2.32	3.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-04-20 11:00	12	0.38	2.60	1.63	8.00			0.00	0.00	20.66	20.70			0.22	0.30
2016-04-20 11:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.41	0.50
2016-04-20 12:00	1	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.47	1.00
2016-04-20 12:00	2	0.42	1.00			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 12:00	5			3.89	4.00			0.00	0.00	20.45	20.50	0.00	0.10	0.71	1.60
2016-04-20 12:00	8			5.58	8.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.20
2016-04-20 12:00	10			2.76	4.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-04-20 12:00	12	0.28	1.40	2.00	3.00			0.00	0.00	20.71	20.90			0.08	0.20
2016-04-20 12:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.30
2016-04-20 13:00	1	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.56	1.00
2016-04-20 13:00	2	0.25	0.80			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 13:00	5			3.97	5.00			0.00	0.00	20.56	20.70	0.00	0.00	0.42	1.00
2016-04-20 13:00	8			7.89	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 13:00	10			3.62	4.00	0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-04-20 13:00	12	0.05	1.10	2.48	23.00			0.00	0.00	20.90	20.90			0.07	0.10

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)
2016-04-20 13:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.20
2016-04-20 14:00	1	0.09	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.67	1.00
2016-04-20 14:00	2	0.28	0.70			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 14:00	5			3.97	5.00			0.00	0.00	20.60	20.60	0.00	0.00	0.73	1.60
2016-04-20 14:00	8			8.48	12.00			0.00	0.00	20.90	20.90	0.00	0.10	0.24	0.90
2016-04-20 14:00	10			3.23	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 14:00	12	0.04	0.70	2.00	4.00			0.00	0.00	20.90	20.90			0.17	0.30
2016-04-20 14:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	0.50
2016-04-20 15:00	1	0.11	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.83	1.20
2016-04-20 15:00	2	0.38	0.90			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 15:00	5			3.98	5.00			0.00	0.00	20.51	20.60	0.00	0.10	1.63	2.60
2016-04-20 15:00	8			8.61	10.00			0.00	0.00	20.90	20.90	0.00	0.10		
2016-04-20 15:00	10			2.89	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 15:00	12	0.04	1.10	1.92	2.00			0.00	0.00	20.90	20.90			0.35	0.50
2016-04-20 15:00	13			2.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	0.70
2016-04-20 16:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.70	1.00
2016-04-20 16:00	2	0.44	0.80			0.00	0.00	0.00	0.00	20.90	20.90				
2016-04-20 16:00	5			4.20	6.00			0.00	0.00	20.49	20.50	0.00	0.10	1.98	2.60
2016-04-20 16:00	8			7.84	10.00			0.00	0.00	20.90	20.90	0.00	0.00		
2016-04-20 16:00	10			3.67	5.00	0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.00
2016-04-20 16:00	12	0.03	0.30	2.81	4.00			0.00	0.00	20.90	20.90			0.55	0.60
2016-04-20 16:00	13			2.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.59	0.80
2016-04-20 17:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.80	1.20
2016-04-20 17:00	2	0.37	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-04-20 17:00	5			4.03	5.00			0.00	0.00	20.50	20.60	0.01	0.10	2.12	3.00
2016-04-20 17:00	8			7.08	8.00			0.00	0.00	20.90	20.90	0.00	0.00		
2016-04-20 17:00	10			3.00	3.00	0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2016-04-20 17:00	12	0.05	0.70	2.29	4.00			0.00	0.00	20.90	20.90			0.60	0.60
2016-04-20 17:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.64	0.80
2016-04-20 18:00	1	0.10	0.40			0.00	0.00	0.00	0.00	20.90	20.90			1.02	1.20
2016-04-20 18:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.60

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)
2016-04-20 18:00	5			4.03	5.00			0.00	0.00	20.50	20.50	0.00	0.00	2.03	2.60
2016-04-20 18:00	8			7.08	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 18:00	10			2.58	4.00	0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2016-04-20 18:00	12	0.06	1.10	1.85	4.00			0.00	0.00	20.90	20.90			0.60	0.70
2016-04-20 18:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.60	0.80
2016-04-20 19:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.81	1.20
2016-04-20 19:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 19:00	5			3.95	4.00			0.00	0.00	20.46	20.50	0.00	0.10	1.76	2.30
2016-04-20 19:00	8			7.31	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 19:00	10			2.31	4.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-20 19:00	12	0.07	1.10	2.10	24.00			0.00	0.00	20.90	20.90			0.62	0.70
2016-04-20 19:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.62	0.80
2016-04-20 20:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.68	1.20
2016-04-20 20:00	2	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 20:00	5			3.80	5.00			0.00	0.00	20.42	20.50	0.00	0.10	1.76	2.30
2016-04-20 20:00	8			7.54	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-04-20 20:00	12	0.23	1.80	1.46	4.00			0.00	0.00	20.90	20.90			0.69	0.70
2016-04-20 20:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.63	0.80
2016-04-20 21:00	1	0.12	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.58	1.20
2016-04-20 21:00	2	0.06	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-04-20 21:00	5			4.03	6.00			0.00	0.00	20.44	20.50	0.00	0.10	1.80	2.30
2016-04-20 21:00	8			8.08	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 21:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-20 21:00	12	0.06	1.10	2.15	18.00			0.00	0.00	20.90	20.90			0.70	0.70
2016-04-20 21:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.54	0.70
2016-04-20 22:00	1	0.14	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.59	1.00
2016-04-20 22:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 22:00	5			3.94	4.00			0.00	0.00	20.48	20.50	0.00	0.10	1.76	2.60
2016-04-20 22:00	8			7.95	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 22:00	10			2.03	3.00	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)
2016-04-20 22:00	12	0.09	1.10	1.16	3.00			0.00	0.00	20.90	20.90			0.66	0.70
2016-04-20 22:00	13			1.94	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.70
2016-04-20 23:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.64	1.20
2016-04-20 23:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-20 23:00	5			4.05	7.00			0.00	0.00	20.48	20.50	0.01	0.10	1.88	3.00
2016-04-20 23:00	8			7.87	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-20 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2016-04-20 23:00	12	0.11	0.70	1.30	4.00			0.00	0.00	20.90	20.90			0.69	0.70
2016-04-20 23:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.59	0.80
2016-04-21 00:00	1	0.11	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.61	1.00
2016-04-21 00:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 00:00	5			4.00	5.00			0.00	0.00	20.49	20.50	0.00	0.00	1.86	2.30
2016-04-21 00:00	8			8.08	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 00:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-04-21 00:00	12	0.11	1.10	1.97	24.00			0.00	0.00	20.90	20.90			0.70	0.70
2016-04-21 00:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	0.80
2016-04-21 01:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.59	0.80
2016-04-21 01:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 01:00	5			4.03	6.00			0.00	0.00	20.45	20.50	0.01	0.10	1.74	2.30
2016-04-21 01:00	8			8.02	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 01:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-04-21 01:00	12	0.04	0.70	1.63	6.00			0.00	0.00	20.90	20.90			0.64	0.70
2016-04-21 01:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.59	0.80
2016-04-21 02:00	1	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.61	1.00
2016-04-21 02:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 02:00	5			3.85	4.00			0.00	0.00	20.49	20.50	0.00	0.00	1.49	2.30
2016-04-21 02:00	8			7.86	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 02:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2016-04-21 02:00	12	0.06	0.70	1.29	4.00			0.00	0.00	20.90	20.90			0.68	0.80
2016-04-21 02:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.62	0.80
2016-04-21 03:00	1	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.53	0.80

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)
2016-04-21 03:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 03:00	5			3.89	5.00			0.00	0.00	20.44	20.50	0.01	0.10	1.16	1.60
2016-04-21 03:00	8			7.97	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 03:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-04-21 03:00	12	0.06	1.10	1.29	2.00			0.00	0.00	20.90	20.90			0.70	0.80
2016-04-21 03:00	13			1.89	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.65	0.80
2016-04-21 04:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.60	0.80
2016-04-21 04:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 04:00	5			3.89	4.00			0.00	0.00	20.48	20.50	0.00	0.00	1.08	1.60
2016-04-21 04:00	8			8.05	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-04-21 04:00	12	0.03	0.30	1.90	23.00			0.00	0.00	20.90	20.90			0.70	0.70
2016-04-21 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.67	0.80
2016-04-21 05:00	1	0.07	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.54	1.00
2016-04-21 05:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 05:00	5			3.95	4.00			0.00	0.00	20.49	20.50	0.01	0.10	1.11	1.60
2016-04-21 05:00	8			8.34	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 05:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2016-04-21 05:00	12	0.03	0.30	1.30	3.00			0.00	0.00	20.90	20.90			0.63	0.70
2016-04-21 05:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.67	0.80
2016-04-21 06:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.50	0.80
2016-04-21 06:00	2	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 06:00	5			4.03	5.00			0.00	0.00	20.58	21.80	0.00	0.00	0.97	1.60
2016-04-21 06:00	8			8.10	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 06:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-21 06:00	12	0.10	0.70	2.02	21.00			0.00	0.00	20.90	20.90			0.60	0.60
2016-04-21 06:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.68	0.80
2016-04-21 07:00	1	0.06	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.42	0.80
2016-04-21 07:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 07:00	5			3.86	5.00			0.00	0.00	20.50	20.60	0.01	0.10	0.96	1.60
2016-04-21 07:00	8			8.33	12.00			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)
2016-04-21 07:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-04-21 07:00	12	0.04	0.70	1.95	16.00			0.00	0.00	20.90	20.90			0.57	0.60
2016-04-21 07:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	0.80
2016-04-21 08:00	1	0.10	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.80
2016-04-21 08:00	2	0.36	1.80			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 08:00	5			3.97	5.00			0.00	0.00	20.44	20.50	0.00	0.00	0.93	1.60
2016-04-21 08:00	8			9.11	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 08:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-04-21 08:00	12	0.17	1.80	1.18	2.00			0.00	0.00	20.82	20.90			0.49	0.60
2016-04-21 08:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.57	1.40
2016-04-21 09:00	1	0.11	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.60
2016-04-21 09:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 09:00	5			3.85	4.00			0.00	0.00	20.46	20.50	0.00	0.00	0.45	1.00
2016-04-21 09:00	8			11.50	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 09:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-04-21 09:00	12	0.91	13.60	1.66	3.00			0.00	0.00	20.62	20.70			0.31	0.50
2016-04-21 09:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	0.40
2016-04-21 10:00	1	0.13	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.33	0.60
2016-04-21 10:00	2	0.02	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 10:00	5			3.95	5.00			0.00	0.00	20.49	20.50	0.00	0.10	0.11	0.60
2016-04-21 10:00	8			15.10	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 10:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-04-21 10:00	12	1.73	14.30	1.49	3.00			0.00	0.00	20.89	20.90			0.23	0.30
2016-04-21 10:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	0.40
2016-04-21 11:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.60
2016-04-21 11:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-04-21 11:00	5			3.95	4.00			0.00	0.00	20.50	20.50	0.00	0.10	0.11	0.60
2016-04-21 11:00	8			16.32	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-04-21 11:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.83	20.90			0.00	0.00
2016-04-21 11:00	12	0.03	0.30	1.57	2.00			0.00	0.00	20.90	20.90			0.20	0.20
2016-04-21 11:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.21	0.30