

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)
2013-06-04 14:00	1	0.36	1.00			0.08	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 14:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 14:00	7			16.09	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 14:00	8			14.74	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 14:00	10			6.66	9.00	0.06	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 14:00	12	0.07	0.50	8.61	36.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 14:00	13			6.08	8.00			0.00	0.00	21.31	21.50	0.00	0.00	0.01	0.50
2013-06-04 15:00	1	0.33	0.80			0.04	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 15:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 15:00	7			15.30	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 15:00	8			14.95	17.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-06-04 15:00	10			7.36	8.00	0.05	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 15:00	12	0.02	0.30	8.94	33.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 15:00	13			6.68	8.00			0.00	0.00	21.42	21.60	0.00	0.00	0.00	0.00
2013-06-04 16:00	1	0.31	1.10			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 16:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.98	21.30			0.00	0.00
2013-06-04 16:00	7			13.36	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 16:00	8			15.95	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2013-06-04 16:00	10			7.27	8.00	0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 16:00	12	0.02	0.20	7.83	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 16:00	13			5.84	6.00			0.00	0.00	20.97	21.20	0.00	0.00	0.04	0.50
2013-06-04 17:00	1	0.30	0.80			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 17:00	2	0.01	0.30			0.00	0.00	0.00	0.00	21.31	21.40			0.00	0.00
2013-06-04 17:00	7			13.42	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 17:00	8			14.42	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2013-06-04 17:00	10			7.36	9.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 17:00	12	0.04	0.30	6.63	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 17:00	13			4.09	7.00			0.00	0.00	20.75	20.90	0.00	0.00	0.48	2.00
2013-06-04 18:00	1	0.19	0.70			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 18:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.26	21.40			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)
2013-06-04 18:00	7			12.89	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 18:00	8			14.89	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2013-06-04 18:00	10			6.80	8.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 18:00	12	0.03	0.40	7.21	32.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 18:00	13			3.25	4.00			0.00	0.00	20.40	20.60	0.00	0.00	0.64	1.50
2013-06-04 19:00	1	0.33	1.00			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 19:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.26	21.30			0.00	0.00
2013-06-04 19:00	7			11.73	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 19:00	8			11.64	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2013-06-04 19:00	10			6.13	7.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 19:00	12	0.02	0.30	5.43	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 19:00	13			2.41	3.00			0.00	0.00	20.16	20.30	0.00	0.00	1.16	1.50
2013-06-04 20:00	1	1.11	3.10			0.07	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 20:00	2	0.00	0.00			0.00	0.00	1.29	3.10	21.28	21.30			0.00	0.00
2013-06-04 20:00	7			10.43	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 20:00	8			12.00	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.50
2013-06-04 20:00	10			5.76	7.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.10
2013-06-04 20:00	12	0.02	0.30	4.95	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 20:00	13			1.97	2.00			0.00	0.00	19.93	20.10	0.00	0.00	1.47	2.00
2013-06-04 21:00	1	0.73	3.30			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 21:00	2	0.00	0.00			0.00	0.00	3.31	3.40	21.25	21.40			0.00	0.00
2013-06-04 21:00	7			9.87	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 21:00	8			11.27	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	1.00
2013-06-04 21:00	10			5.00	6.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 21:00	12	0.03	0.60	4.42	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 21:00	13			2.00	2.00			0.00	0.00	19.79	19.90	0.00	0.00	1.59	2.00
2013-06-04 22:00	1	0.47	2.00			0.04	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 22:00	2	0.00	0.00			0.00	0.00	3.44	3.60	21.20	21.20			0.00	0.00
2013-06-04 22:00	7			11.04	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-04 22:00	8			10.53	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	1.00

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2013-06-04 22:00	10			5.03	6.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 22:00	12	0.02	0.30	4.37	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 22:00	13			1.79	2.00			0.00	0.00	19.69	19.80	0.00	0.00	1.51	2.00
2013-06-04 23:00	1	1.82	3.80			0.13	0.30	0.00	0.00	20.90	20.90			0.48	2.40
2013-06-04 23:00	2	0.00	0.00			0.00	0.00	3.67	3.80	21.24	21.30			0.00	0.00
2013-06-04 23:00	7			9.97	11.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-06-04 23:00	8			9.50	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.50
2013-06-04 23:00	10			5.31	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-06-04 23:00	12	0.01	0.10	4.41	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-04 23:00	13			1.92	2.00			0.00	0.00	19.59	19.70	0.00	0.00	1.81	2.50
2013-06-05 00:00	1	2.27	4.80			0.08	0.20	0.00	0.00	20.90	20.90			0.18	0.60
2013-06-05 00:00	2	0.00	0.00			0.00	0.00	3.88	4.00	21.19	21.20			0.00	0.00
2013-06-05 00:00	7			8.14	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 00:00	8			8.79	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.50
2013-06-05 00:00	10			5.34	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-06-05 00:00	12	0.02	0.40	4.29	7.00			0.00	0.00	20.91	21.30			0.00	0.00
2013-06-05 00:00	13			1.85	3.00			0.00	0.00	19.44	19.50	0.00	0.00	1.72	2.50
2013-06-05 01:00	1	1.28	5.40			0.02	0.10	0.00	0.00	20.90	20.90			0.10	0.40
2013-06-05 01:00	2	0.00	0.00			0.00	0.00	3.98	4.10	21.17	21.20			0.00	0.00
2013-06-05 01:00	7			7.77	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 01:00	8			8.57	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.50
2013-06-05 01:00	10			5.08	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2013-06-05 01:00	12	0.03	0.30	4.24	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 01:00	13			1.79	2.00			0.00	0.00	19.45	19.50	0.00	0.00	1.62	2.50
2013-06-05 02:00	1	0.87	2.40			0.00	0.10	0.00	0.00	20.90	20.90			0.16	0.40
2013-06-05 02:00	2	0.00	0.00			0.00	0.00	4.01	4.10	21.15	21.20			0.00	0.00
2013-06-05 02:00	7			7.03	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 02:00	8			8.22	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	1.00
2013-06-05 02:00	10			5.03	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2013-06-05 02:00	12	0.13	0.70	4.15	6.00			0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2013-06-05 02:00	13			1.76	3.00			0.00	0.00	19.45	19.50	0.00	0.00	1.77	2.50
2013-06-05 03:00	1	1.66	4.80			0.02	0.20	0.00	0.00	20.90	20.90			0.69	1.70
2013-06-05 03:00	2	0.00	0.00			0.00	0.00	4.12	4.30	21.14	21.20			0.00	0.00
2013-06-05 03:00	7			6.67	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 03:00	8			8.00	9.00			0.00	0.00	20.73	20.90	0.00	0.10	0.04	0.50
2013-06-05 03:00	10			5.05	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.40
2013-06-05 03:00	12	0.06	0.50	4.18	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 03:00	13			1.85	3.00			0.00	0.00	19.38	19.40	0.00	0.00	1.78	2.50
2013-06-05 04:00	1	1.54	7.20			0.00	0.00	0.00	0.00	20.90	20.90			0.63	1.30
2013-06-05 04:00	2	0.00	0.00			0.00	0.00	4.36	4.50	21.14	21.20			0.00	0.00
2013-06-05 04:00	7			6.17	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 04:00	8			8.13	10.00			0.00	0.00	20.68	20.90	0.00	0.00	0.09	0.50
2013-06-05 04:00	10			5.00	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.30
2013-06-05 04:00	12	0.08	0.60	4.00	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 04:00	13			1.80	3.00			0.00	0.00	19.29	19.60	0.00	0.00	2.03	3.00
2013-06-05 05:00	1	1.76	4.70			0.01	0.10	0.00	0.00	20.90	20.90			0.69	1.00
2013-06-05 05:00	2	0.00	0.00			0.00	0.00	4.51	4.60	21.15	21.30			0.00	0.00
2013-06-05 05:00	7			6.05	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 05:00	8			7.97	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	1.00
2013-06-05 05:00	10			4.92	5.00	0.00	0.10	0.00	0.00	20.90	20.90			0.06	0.30
2013-06-05 05:00	12	0.08	0.70	4.18	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 05:00	13			1.53	2.00			0.00	0.00	19.26	19.30	0.00	0.00	2.09	3.00
2013-06-05 06:00	1	0.79	1.80			0.01	0.10	0.00	0.00	20.90	20.90			0.57	1.30
2013-06-05 06:00	2	0.00	0.00			0.00	0.00	4.48	4.60	21.02	21.20			0.00	0.00
2013-06-05 06:00	7			5.96	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 06:00	8			8.10	10.00			0.00	0.00	20.81	20.90	0.00	0.00	0.06	0.50
2013-06-05 06:00	10			5.00	6.00	0.01	0.10	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-05 06:00	12	0.24	0.70	4.10	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 06:00	13			1.85	3.00			0.00	0.00	19.22	19.30	0.00	0.00	2.17	3.00
2013-06-05 07:00	1	0.33	1.30			0.02	0.10	0.00	0.00	20.90	20.90			0.38	0.60

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2013-06-05 07:00	2	0.00	0.00			0.00	0.00	4.07	4.40	20.90	20.90			0.00	0.00
2013-06-05 07:00	7			6.85	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 07:00	8			9.95	12.00			0.00	0.00	20.59	20.70	0.00	0.00	0.12	0.50
2013-06-05 07:00	10			5.03	6.00	0.02	0.10	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-05 07:00	12	0.37	1.30	4.90	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 07:00	13			1.68	3.00			0.00	0.00	19.29	19.40	0.00	0.00	2.00	3.00
2013-06-05 08:00	1	0.28	1.10			0.06	0.20	0.00	0.00	20.90	20.90			0.10	0.30
2013-06-05 08:00	2	0.00	0.00			0.00	0.00	3.52	3.90	20.90	20.90			0.00	0.00
2013-06-05 08:00	7			8.57	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 08:00	8			12.12	15.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2013-06-05 08:00	10			5.90	9.00	0.04	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 08:00	12	0.35	0.80	7.18	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 08:00	13			2.00	3.00			0.00	0.00	19.53	19.80	0.00	0.00	1.64	2.00
2013-06-05 09:00	1	0.25	0.80			0.09	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 09:00	2	0.00	0.00			0.00	0.00	2.63	3.10	20.90	20.90			0.00	0.00
2013-06-05 09:00	7			11.94	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 09:00	8			13.44	17.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2013-06-05 09:00	10			5.97	7.00	0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 09:00	12	0.18	0.70	10.58	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 09:00	13			2.08	4.00			0.00	0.00	19.94	20.20	0.00	0.00	1.14	2.50
2013-06-05 10:00	1	0.14	0.60			0.14	0.30	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 10:00	2	0.00	0.00			0.00	0.00	1.75	2.20	20.90	20.90			0.00	0.00
2013-06-05 10:00	7			14.59	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 10:00	8			15.47	19.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.00
2013-06-05 10:00	10			7.21	9.00	0.04	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 10:00	12	0.06	0.60	10.34	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 10:00	13			2.73	3.00			0.00	0.00	20.45	20.90	0.00	0.00	0.51	1.50
2013-06-05 11:00	1	0.09	0.50			0.17	0.30	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 11:00	2	0.00	0.00			0.00	0.00	0.78	1.40	20.90	20.90			0.00	0.00
2013-06-05 11:00	7			17.26	20.00			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)
2013-06-05 11:00	8			15.15	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 11:00	10			7.02	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2013-06-05 11:00	12	0.12	0.50	11.24	32.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 11:00	13			3.93	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	1.50
2013-06-05 12:00	1	0.08	0.50			0.20	0.30	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 12:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 12:00	7			20.00	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 12:00	8			15.58	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 12:00	10			7.05	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-06-05 12:00	12	0.16	0.60	10.44	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 12:00	13			5.19	6.00			0.00	0.00	20.98	21.20	0.00	0.00	0.11	1.00
2013-06-05 13:00	1	0.13	1.10			0.13	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 13:00	7			21.35	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 13:00	8			17.10	19.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-06-05 13:00	10			7.85	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-06-05 13:00	12	0.14	0.80	12.31	18.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 13:00	13			5.93	8.00			0.00	0.00	21.30	21.40	0.00	0.00	0.02	0.50
2013-06-05 14:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-05 14:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 14:00	7			22.56	26.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 14:00	8			12.82	16.00			0.00	0.00	20.77	20.90	0.00	0.00	0.03	0.50
2013-06-05 14:00	10			7.32	9.00	0.00	0.00	0.00	0.00	20.89	20.90			0.01	0.10
2013-06-05 14:00	12	0.17	0.60	12.45	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 14:00	13			7.29	11.00			0.00	0.00	21.41	21.60	0.00	0.00	0.01	0.50
2013-06-05 15:00	1	0.25	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-05 15:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 15:00	7			21.42	25.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 15:00	8			15.64	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 15:00	10			7.95	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20

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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)
2013-06-05 15:00	12	0.04	0.50	13.26	28.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 15:00	13			9.31	12.00			0.00	0.00	21.49	21.80	0.00	0.00	0.00	0.00
2013-06-05 16:00	1	0.21	0.80			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 16:00	2	0.07	1.20			0.00	0.00	0.00	0.00	20.91	21.20			0.00	0.00
2013-06-05 16:00	7			19.08	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 16:00	8			13.27	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 16:00	10			7.74	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2013-06-05 16:00	12	0.14	1.20	13.44	39.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 16:00	13			12.81	16.00			0.00	0.00	22.01	22.20	0.00	0.00	0.00	0.00
2013-06-05 17:00	1	0.13	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-05 17:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.35	21.40			0.00	0.00
2013-06-05 17:00	7			16.11	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 17:00	8			16.58	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2013-06-05 17:00	10			8.86	11.00	0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.20
2013-06-05 17:00	12	0.04	0.30	10.49	37.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-05 17:00	13			9.76	16.00			0.00	0.00	21.44	22.00	0.00	0.00	0.01	0.50
2013-06-05 18:00	1	0.14	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.40
2013-06-05 18:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.30	21.40			0.00	0.00
2013-06-05 18:00	7			13.30	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 18:00	8			12.41	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2013-06-05 18:00	10			7.36	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.50
2013-06-05 18:00	12	0.08	0.70	7.24	24.00			0.00	0.00	20.90	20.90			0.11	0.20
2013-06-05 18:00	13			3.92	6.00			0.00	0.00	20.62	20.90	0.00	0.00	0.53	2.00
2013-06-05 19:00	1	0.18	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.32	0.40
2013-06-05 19:00	2	0.00	0.00			0.00	0.00	0.00	0.00	21.24	21.30			0.00	0.00
2013-06-05 19:00	7			10.56	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 19:00	8			10.21	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2013-06-05 19:00	10			6.41	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.50
2013-06-05 19:00	12	0.06	0.40	5.45	7.00			0.00	0.00	20.90	20.90			0.16	0.20
2013-06-05 19:00	13			2.68	3.00			0.00	0.00	20.23	20.40	0.00	0.00	0.93	1.50

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2013-06-05 20:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.40
2013-06-05 20:00	2	0.00	0.00			0.00	0.00	3.00	3.30	21.25	21.30			0.00	0.00
2013-06-05 20:00	7			10.13	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 20:00	8			9.72	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	1.00
2013-06-05 20:00	10			6.08	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.70
2013-06-05 20:00	12	0.04	0.30	5.13	8.00			0.00	0.00	20.90	20.90			0.20	0.30
2013-06-05 20:00	13			2.10	3.00			0.00	0.00	19.93	20.10	0.00	0.00	1.37	1.50
2013-06-05 21:00	1	0.18	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.41	0.50
2013-06-05 21:00	2	0.00	0.00			0.00	0.00	3.21	3.30	21.20	21.20			0.00	0.00
2013-06-05 21:00	7			8.91	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 21:00	8			8.64	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.50
2013-06-05 21:00	10			5.31	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.26	0.60
2013-06-05 21:00	12	0.13	0.50	5.31	21.00			0.00	0.00	20.90	20.90			0.21	0.30
2013-06-05 21:00	13			2.00	3.00			0.00	0.00	19.74	19.80	0.00	0.00	1.35	1.50
2013-06-05 22:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.55	0.60
2013-06-05 22:00	2	0.00	0.00			0.00	0.00	3.27	3.40	21.20	21.20			0.00	0.00
2013-06-05 22:00	7			8.58	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 22:00	8			8.38	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.50
2013-06-05 22:00	10			5.00	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.32	0.70
2013-06-05 22:00	12	0.25	0.70	4.41	6.00			0.00	0.00	20.90	20.90			0.22	0.30
2013-06-05 22:00	13			2.08	5.00			0.00	0.00	19.67	19.70	0.00	0.00	1.53	2.00
2013-06-05 23:00	1	0.32	1.10			0.00	0.00	0.00	0.00	20.74	20.90			0.71	1.10
2013-06-05 23:00	2	0.00	0.00			0.00	0.00	3.37	3.40	21.20	21.20			0.00	0.00
2013-06-05 23:00	7			8.13	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-05 23:00	8			8.11	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	1.60
2013-06-05 23:00	10			4.97	6.00	0.00	0.00	0.00	0.00	20.87	20.90			0.32	0.70
2013-06-05 23:00	12	0.32	0.80	4.18	5.00			0.00	0.00	20.90	20.90			0.24	0.50
2013-06-05 23:00	13			1.92	3.00			0.00	0.00	19.61	19.70	0.00	0.00	1.61	2.50
2013-06-06 00:00	1	0.18	0.80			0.00	0.00	0.00	0.00	20.61	20.70			0.66	0.70
2013-06-06 00:00	2	0.00	0.00			0.00	0.00	3.45	3.50	21.18	21.20			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)
2013-06-06 00:00	7			7.84	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 00:00	8			7.98	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	1.00
2013-06-06 00:00	10			5.02	6.00	0.00	0.00	0.00	0.00	20.62	20.90			0.20	0.50
2013-06-06 00:00	12	0.27	1.00	5.25	26.00			0.00	0.00	20.90	20.90			0.26	0.50
2013-06-06 00:00	13			1.97	3.00			0.00	0.00	19.52	19.60	0.00	0.00	1.78	2.50
2013-06-06 01:00	1	0.11	0.70			0.00	0.00	0.00	0.00	20.61	20.70			0.70	0.80
2013-06-06 01:00	2	0.00	0.00			0.00	0.00	3.55	3.60	21.13	21.30			0.00	0.00
2013-06-06 01:00	7			7.88	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 01:00	8			8.08	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.50
2013-06-06 01:00	10			4.82	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.27	0.70
2013-06-06 01:00	12	0.24	1.00	4.11	6.00			0.00	0.00	20.90	20.90			0.36	0.50
2013-06-06 01:00	13			1.51	3.00			0.00	0.00	19.51	19.60	0.00	0.00	1.88	2.50
2013-06-06 02:00	1	0.10	0.60			0.00	0.00	0.00	0.00	20.60	20.70			0.84	0.90
2013-06-06 02:00	2	0.00	0.00			0.00	0.00	3.67	3.80	21.18	21.20			0.00	0.00
2013-06-06 02:00	7			7.53	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 02:00	8			7.97	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	1.00
2013-06-06 02:00	10			5.45	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.29	0.70
2013-06-06 02:00	12	0.12	0.60	5.37	28.00			0.00	0.00	20.90	20.90			0.42	0.50
2013-06-06 02:00	13			1.70	3.00			0.00	0.00	19.42	19.50	0.00	0.00	1.89	2.50
2013-06-06 03:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.60	20.60			0.91	1.00
2013-06-06 03:00	2	0.00	0.00			0.00	0.00	3.77	3.90	21.18	21.20			0.00	0.00
2013-06-06 03:00	7			7.27	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 03:00	8			8.06	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.50
2013-06-06 03:00	10			5.54	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.33	0.70
2013-06-06 03:00	12	0.17	0.50	4.08	6.00			0.00	0.00	20.90	20.90			0.49	0.50
2013-06-06 03:00	13			1.93	2.00			0.00	0.00	19.39	19.50	0.00	0.00	2.08	3.00
2013-06-06 04:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.59	20.60			0.92	1.00
2013-06-06 04:00	2	0.00	0.00			0.00	0.00	3.87	3.90	21.32	21.80			0.00	0.00
2013-06-06 04:00	7			6.97	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 04:00	8			8.24	12.00			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)
2013-06-06 04:00	10			5.56	6.00	0.00	0.00	0.00	0.00	20.63	20.90			0.38	1.10
2013-06-06 04:00	12	0.19	1.00	4.11	6.00			0.00	0.00	20.90	20.90			0.54	0.80
2013-06-06 04:00	13			1.68	3.00			0.00	0.00	19.39	19.40	0.00	0.00	2.04	3.00
2013-06-06 05:00	1	0.08	0.70			0.00	0.00	0.00	0.00	20.57	20.60			1.07	1.10
2013-06-06 05:00	2	0.00	0.00			0.00	0.00	3.96	4.00	21.13	21.20			0.00	0.00
2013-06-06 05:00	7			6.85	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 05:00	8			8.23	10.00			0.00	0.00	20.90	20.90	0.00	0.00		
2013-06-06 05:00	10			5.28	6.00	0.00	0.00	0.00	0.00	20.60	20.60			0.35	0.90
2013-06-06 05:00	12	0.19	0.60	4.67	20.00			0.00	0.00	20.90	20.90			0.56	0.80
2013-06-06 05:00	13			1.93	3.00			0.00	0.00	19.39	19.50	0.00	0.00	1.80	2.50
2013-06-06 06:00	1	0.19	0.60			0.00	0.00	0.00	0.00	20.55	20.60			0.97	1.10
2013-06-06 06:00	2	0.00	0.00			0.00	0.00	3.92	4.00	21.11	21.20			0.00	0.00
2013-06-06 06:00	7			6.85	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 06:00	8			8.59	11.00			0.00	0.00	20.79	20.90	0.00	0.00		
2013-06-06 06:00	10			5.22	6.00	0.00	0.00	0.00	0.00	20.60	20.70			0.28	0.70
2013-06-06 06:00	12	0.25	0.70	4.05	6.00			0.00	0.00	20.90	20.90			0.75	0.80
2013-06-06 06:00	13			1.77	2.00			0.00	0.00	19.44	19.90	0.00	0.00	1.89	3.00
2013-06-06 07:00	1	0.15	1.00			0.00	0.00	0.00	0.00	20.60	20.70			0.88	0.90
2013-06-06 07:00	2	0.00	0.00			0.00	0.00	3.63	3.80	20.96	21.20			0.00	0.00
2013-06-06 07:00	7			7.13	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 07:00	8			10.12	12.00			0.00	0.00	20.61	20.70	0.00	0.00		
2013-06-06 07:00	10			5.05	6.00	0.00	0.00	0.00	0.00	20.62	20.70			0.23	0.50
2013-06-06 07:00	12	0.33	0.80	4.30	7.00			0.00	0.00	20.83	20.90			0.60	0.80
2013-06-06 07:00	13			1.95	2.00			0.00	0.00	19.50	19.60	0.00	0.00	1.76	3.00
2013-06-06 08:00	1	0.16	0.60			0.00	0.00	0.00	0.00	20.67	20.90			0.76	0.80
2013-06-06 08:00	2	0.00	0.00			0.00	0.00	3.31	3.40	20.90	20.90			0.00	0.00
2013-06-06 08:00	7			8.46	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 08:00	8			11.47	15.00			0.00	0.00	20.60	20.70	0.00	0.00		
2013-06-06 08:00	10			5.63	7.00	0.00	0.00	0.00	0.00	20.67	20.90			0.17	0.30
2013-06-06 08:00	12	0.40	1.10	5.25	8.00			0.00	0.00	20.85	20.90			0.26	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)
2013-06-06 08:00	13			1.95	2.00			0.00	0.00	19.61	19.80	0.00	0.00	1.56	2.00
2013-06-06 09:00	1	0.24	1.00			0.00	0.00	0.00	0.00	20.88	20.90			0.63	0.70
2013-06-06 09:00	2	0.00	0.00			0.00	0.00	2.98	3.10	20.90	20.90			0.00	0.00
2013-06-06 09:00	7			10.13	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 09:00	8			13.27	16.00			0.00	0.00	20.61	20.70	0.00	0.00		
2013-06-06 09:00	10			5.92	6.00	0.00	0.00	0.00	0.00	20.82	20.90			0.21	0.40
2013-06-06 09:00	12	0.45	2.70	5.41	7.00			0.00	0.00	20.90	20.90			0.04	0.20
2013-06-06 09:00	13			2.00	2.00			0.00	0.00	19.75	19.80	0.00	0.00	1.40	2.00
2013-06-06 10:00	1	0.21	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.48	0.60
2013-06-06 10:00	2	0.00	0.00			0.00	0.00	2.59	2.80	20.90	20.90			0.00	0.00
2013-06-06 10:00	7			10.95	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 10:00	8			16.05	20.00			0.00	0.00	20.64	20.70	0.00	0.00		
2013-06-06 10:00	10			6.46	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.40
2013-06-06 10:00	12	0.22	0.80	5.40	7.00			0.00	0.00	20.90	20.90			0.05	0.20
2013-06-06 10:00	13			2.03	3.00			0.00	0.00	19.89	20.00	0.00	0.00	1.14	1.50
2013-06-06 11:00	1	0.20	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.50
2013-06-06 11:00	2	0.00	0.00			0.00	0.00	2.29	2.40	20.90	20.90			0.00	0.00
2013-06-06 11:00	7			14.13	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 11:00	8			13.75	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	1.00
2013-06-06 11:00	10			6.16	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.18	1.20
2013-06-06 11:00	12	0.25	2.20	5.44	7.00			0.00	0.00	20.90	20.90			0.05	0.80
2013-06-06 11:00	13			2.00	2.00			0.00	0.00	20.10	20.30	0.00	0.00	0.99	2.00
2013-06-06 12:00	1	0.18	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.26	0.30
2013-06-06 12:00	2	0.00	0.00			0.00	0.00	1.83	2.10	20.90	20.90			0.00	0.00
2013-06-06 12:00	7			17.16	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 12:00	8			16.54	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-06 12:00	10			6.50	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2013-06-06 12:00	12	0.26	0.80	6.79	30.00			0.00	0.00	20.90	20.90			0.00	0.10
2013-06-06 12:00	13			2.61	5.00			0.00	0.00	20.31	20.50	0.00	0.00	0.61	1.50