

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)
2013-05-24 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 14:00	2	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 14:00	7			8.16	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 14:00	8			12.16	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.50
2013-05-24 14:00	10			4.92	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 14:00	12	0.80	1.30	6.11	8.00			0.00	0.00	20.90	20.90			0.01	0.10
2013-05-24 14:00	13			9.37	14.00			0.00	0.00	23.25	23.50	0.00	0.00	0.00	0.00
2013-05-24 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 15:00	2	0.28	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 15:00	7			7.71	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 15:00	8			14.19	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.31	1.10
2013-05-24 15:00	10			6.03	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 15:00	12	0.51	1.20	5.47	23.00			0.00	0.00	20.90	20.90			0.08	0.10
2013-05-24 15:00	13			15.77	19.00			0.00	0.00	23.85	24.00	0.00	0.00	0.00	0.00
2013-05-24 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 16:00	2	0.49	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 16:00	7			8.14	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 16:00	8			9.84	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.48	1.10
2013-05-24 16:00	10			4.85	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 16:00	12	0.55	0.90	3.32	4.00			0.00	0.00	20.90	20.90			0.10	0.10
2013-05-24 16:00	13			17.52	20.00			2.88	3.30	24.03	24.30	0.00	0.00	0.00	0.00
2013-05-24 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 17:00	2	0.93	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 17:00	7			8.27	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 17:00	8			7.36	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.68	1.70
2013-05-24 17:00	10			4.03	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 17:00	12	0.63	1.30	2.98	4.00			0.00	0.00	20.90	20.90			0.11	0.20
2013-05-24 17:00	13			22.35	26.00			1.78	3.30	22.82	24.50	0.02	0.10	0.01	0.30
2013-05-24 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 18:00	2	1.05	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 18:00	7			7.85	9.00			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)
2013-05-24 18:00	8			6.68	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.64	1.40
2013-05-24 18:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 18:00	12	0.66	1.20	2.87	4.00			0.00	0.00	20.90	20.90			0.12	0.20
2013-05-24 18:00	13			21.16	25.00			0.00	0.00	20.53	20.90	0.00	0.00	0.21	0.90
2013-05-24 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 19:00	2	0.87	1.40			0.00	0.00	0.00	0.00	20.92	21.20			0.00	0.00
2013-05-24 19:00	7			7.10	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 19:00	8			5.62	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.85	1.70
2013-05-24 19:00	10			3.77	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 19:00	12	0.57	1.00	2.84	4.00			0.00	0.00	20.90	20.90			0.14	0.20
2013-05-24 19:00	13			12.53	16.00			0.00	0.00	20.04	20.30	0.00	0.00	0.71	0.90
2013-05-24 20:00	1	0.13	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-24 20:00	2	0.65	1.10			0.00	0.00	0.00	0.00	21.20	21.30			0.00	0.00
2013-05-24 20:00	7			6.22	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 20:00	8			4.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.72	1.70
2013-05-24 20:00	10			3.64	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 20:00	12	0.60	1.00	3.57	28.00			0.00	0.00	20.90	20.90			0.18	0.20
2013-05-24 20:00	13			4.09	7.00			0.00	0.00	19.18	19.80	0.00	0.00	1.56	2.20
2013-05-24 21:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-24 21:00	2	0.42	0.90			0.00	0.00	0.00	0.00	20.94	21.10			0.00	0.00
2013-05-24 21:00	7			4.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 21:00	8			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	1.00	1.70
2013-05-24 21:00	10			3.55	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 21:00	12	0.90	1.30	2.15	3.00			0.00	0.00	20.90	20.90			0.20	0.20
2013-05-24 21:00	13			2.00	2.00			0.00	0.00	18.29	18.70	0.00	0.00	2.44	2.90
2013-05-24 22:00	1	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-24 22:00	2	0.36	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 22:00	7			4.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 22:00	8			4.06	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.82	1.40
2013-05-24 22:00	10			3.11	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 22:00	12	0.93	1.40	2.22	4.00			0.00	0.00	20.90	20.90			0.21	0.30

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2013-05-24 22:00	13			1.98	2.00			0.00	0.00	17.78	18.00	0.00	0.00	2.91	3.50
2013-05-24 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 23:00	2	0.39	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 23:00	7			4.15	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-24 23:00	8			4.03	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.86	1.40
2013-05-24 23:00	10			3.13	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-24 23:00	12	1.00	1.60	2.50	4.00			0.00	0.00	20.90	20.90			0.24	0.40
2013-05-24 23:00	13			1.97	3.00			0.00	0.00	17.57	17.70	0.00	0.00	3.09	3.90
2013-05-25 00:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-25 00:00	2	0.46	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 00:00	7			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 00:00	8			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.91	1.40
2013-05-25 00:00	10			3.08	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 00:00	12	1.05	1.70	3.49	17.00			0.00	0.00	20.90	20.90			0.31	0.40
2013-05-25 00:00	13			1.98	2.00			0.00	0.00	17.40	17.50	0.00	0.00	3.20	3.50
2013-05-25 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-05-25 01:00	2	0.44	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 01:00	7			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 01:00	8			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	1.06	2.30
2013-05-25 01:00	10			3.15	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 01:00	12	0.85	1.40	2.18	4.00			0.00	0.00	20.90	20.90			0.38	0.40
2013-05-25 01:00	13			1.98	2.00			0.00	0.00	17.34	17.40	0.00	0.00	3.30	3.90
2013-05-25 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.83	20.90			0.01	0.30
2013-05-25 02:00	2	0.36	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 02:00	7			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 02:00	8			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	1.04	1.70
2013-05-25 02:00	10			2.94	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 02:00	12	0.88	1.40	2.24	3.00			0.00	0.00	21.27	23.00			0.39	0.40
2013-05-25 02:00	13			1.97	3.00			0.00	0.00	17.27	17.30	0.00	0.00	3.42	3.90
2013-05-25 03:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.67	20.70			0.03	0.20
2013-05-25 03:00	2	0.41	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2013-05-25 03:00	7			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 03:00	8			4.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	1.14	1.70
2013-05-25 03:00	10			3.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 03:00	12	0.89	1.40	2.23	6.00			0.00	0.00	20.90	20.90			0.38	0.40
2013-05-25 03:00	13			1.98	2.00			0.00	0.00	17.23	17.30	0.00	0.00	3.22	3.90
2013-05-25 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2013-05-25 04:00	2	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 04:00	7			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 04:00	8			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	1.01	1.70
2013-05-25 04:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2013-05-25 04:00	12	0.75	1.60	2.67	20.00			0.00	0.00	20.90	20.90			0.39	0.40
2013-05-25 04:00	13			1.97	3.00			0.00	0.00	17.23	17.30	0.00	0.00	3.18	3.50
2013-05-25 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2013-05-25 05:00	2	0.31	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 05:00	7			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 05:00	8			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.98	1.70
2013-05-25 05:00	10			2.97	4.00	0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2013-05-25 05:00	12	0.92	1.60	2.16	3.00			0.00	0.00	20.90	20.90			0.39	0.40
2013-05-25 05:00	13			1.97	2.00			0.00	0.00	17.30	17.40	0.00	0.00	3.11	3.90
2013-05-25 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.10
2013-05-25 06:00	2	0.25	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 06:00	7			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-25 06:00	8			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	1.06	1.70
2013-05-25 06:00	10			3.08	4.00	0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.00
2013-05-25 06:00	12	0.91	1.30	2.81	15.00			0.00	0.00	20.90	20.90			0.34	0.40
2013-05-25 06:00	13			1.90	2.00			0.00	0.00	19.64	20.90	0.00	0.00	1.11	3.20
2013-05-25 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2013-05-25 07:00	2	0.27	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 07:00	7			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.70
2013-05-25 07:00	8			4.03	5.00			0.00	0.00	20.76	20.90	0.00	0.00	1.12	1.70
2013-05-25 07:00	10			3.16	5.00	0.00	0.00	0.00	0.00	20.82	20.90			0.01	0.10

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2013-05-25 07:00	12	1.02	1.60	3.03	18.00			0.00	0.00	20.78	20.90			0.41	0.50
2013-05-25 07:00	13			1.86	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2013-05-25 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2013-05-25 08:00	2	0.19	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 08:00	7			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 08:00	8			4.06	5.00			0.00	0.00	20.77	20.90	0.00	0.00	0.74	1.40
2013-05-25 08:00	10			3.66	4.00	0.00	0.00	0.00	0.00	20.83	20.90			0.00	0.00
2013-05-25 08:00	12	1.19	1.80	2.54	4.00			0.00	0.00	20.47	20.70			0.25	0.40
2013-05-25 08:00	13			1.94	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.30
2013-05-25 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2013-05-25 09:00	2	0.16	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 09:00	7			4.26	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 09:00	8			5.12	6.00			0.00	0.00	20.71	20.90	0.00	0.00	0.50	1.10
2013-05-25 09:00	10			3.56	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 09:00	12	1.10	1.80	3.92	24.00			0.00	0.00	20.40	20.90			0.10	0.10
2013-05-25 09:00	13			1.78	3.00			0.00	0.00	21.27	21.50	0.00	0.10	0.00	0.00
2013-05-25 10:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 10:00	2	0.22	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 10:00	7			5.19	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 10:00	8			5.11	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.40	0.80
2013-05-25 10:00	10			3.92	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 10:00	12	0.77	1.30	3.24	4.00			0.00	0.00	20.90	20.90			0.10	0.10
2013-05-25 10:00	13			1.96	2.00			0.00	0.00	21.66	21.80	0.00	0.00	0.00	0.00
2013-05-25 11:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 11:00	2	0.20	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 11:00	7			5.03	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 11:00	8			5.73	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.47	1.10
2013-05-25 11:00	10			3.88	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 11:00	12	0.61	1.10	2.93	3.00			0.00	0.00	20.90	20.90			0.12	0.20
2013-05-25 11:00	13			1.42	2.00			0.00	0.00	21.80	21.90	0.00	0.00	0.00	0.00
2013-05-25 12:00	1	0.00	0.00			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)
2013-05-25 12:00	2	0.22	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 12:00	7			4.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 12:00	8			5.59	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.54	1.10
2013-05-25 12:00	10			4.08	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 12:00	12	0.52	1.10	3.70	25.00			0.00	0.00	20.90	20.90			0.18	0.30
2013-05-25 12:00	13			1.93	2.00			0.00	0.00	21.58	21.80	0.00	0.00	0.00	0.00
2013-05-25 13:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 13:00	2	0.14	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 13:00	7			5.29	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-25 13:00	8			5.50	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.78	1.40
2013-05-25 13:00	10			3.89	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-25 13:00	12	0.63	0.90	3.47	6.00			0.00	0.00	20.90	20.90			0.34	0.40
2013-05-25 13:00	13			2.17	3.00			0.00	0.00	21.34	21.50	0.00	0.00	0.00	0.00