

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)
2013-05-27 14:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 14:00	2	0.24	1.00			0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2013-05-27 14:00	7			16.56	18.00			0.00	0.00	20.90	20.90	0.02	0.10	0.00	0.00
2013-05-27 14:00	8			11.56	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.82	1.60
2013-05-27 14:00	10			5.56	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-05-27 14:00	12	0.16	3.00	6.79	27.00			0.00	0.00	20.75	20.90			0.00	0.00
2013-05-27 14:00	13			8.38	11.00			0.00	0.00	20.87	20.90	0.00	0.00	0.05	0.40
2013-05-27 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 15:00	2	0.11	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2013-05-27 15:00	7			14.76	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.44	2.10
2013-05-27 15:00	8			13.56	18.00			0.00	0.00	20.90	20.90	0.00	0.00	1.64	2.90
2013-05-27 15:00	10			5.93	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.50
2013-05-27 15:00	12	0.00	0.10	5.05	24.00			0.00	0.00	20.90	20.90			0.03	0.10
2013-05-27 15:00	13			4.05	7.00			0.00	0.00	19.96	20.60	0.00	0.00	0.90	2.00
2013-05-27 16:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 16:00	2	0.08	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.10
2013-05-27 16:00	7			8.72	14.00			0.00	0.00	20.90	20.90	0.00	0.00	1.69	2.10
2013-05-27 16:00	8			10.12	13.00			0.00	0.00	20.90	20.90	0.00	0.00	4.20	5.80
2013-05-27 16:00	10			5.00	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.60
2013-05-27 16:00	12	0.04	0.50	4.61	28.00			0.00	0.00	20.90	20.90			0.33	0.50
2013-05-27 16:00	13			3.05	5.00			0.00	0.00	19.13	19.40	0.00	0.00	1.70	2.50
2013-05-27 17:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2013-05-27 17:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.71	20.90			0.09	0.10
2013-05-27 17:00	7			6.83	8.00			0.00	0.00	20.90	20.90	0.00	0.00	1.89	2.10
2013-05-27 17:00	8			8.39	10.00			0.00	0.00	20.90	20.90	0.00	0.00	5.57	6.60
2013-05-27 17:00	10			5.10	8.00	0.00	0.00	0.00	0.00	20.87	20.90			0.34	0.80
2013-05-27 17:00	12	0.07	0.50	4.15	7.00			0.00	0.00	20.90	20.90			0.64	0.70
2013-05-27 17:00	13			3.00	4.00			0.00	0.00	18.82	18.90	0.00	0.00	2.33	2.90
2013-05-27 18:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.30
2013-05-27 18:00	2	0.07	0.50			0.00	0.00	0.00	0.00	20.70	20.90			0.08	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)
2013-05-27 18:00	7			5.37	7.00			0.00	0.00	20.90	20.90	0.00	0.00	1.68	2.10
2013-05-27 18:00	8			7.87	10.00			0.00	0.00	20.90	20.90	0.00	0.00	5.82	7.00
2013-05-27 18:00	10			4.08	5.00	0.00	0.00	0.00	0.00	20.89	20.90			0.34	0.80
2013-05-27 18:00	12	0.14	0.60	3.47	15.00			0.00	0.00	20.88	20.90			0.70	0.70
2013-05-27 18:00	13			2.02	3.00			0.00	0.00	18.78	18.90	0.00	0.00	2.47	2.90
2013-05-27 19:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.30
2013-05-27 19:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.50	20.50			0.03	0.10
2013-05-27 19:00	7			5.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	1.51	2.10
2013-05-27 19:00	8			7.95	9.00			0.00	0.00	20.90	20.90	0.00	0.00	4.82	5.80
2013-05-27 19:00	10			3.79	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.60
2013-05-27 19:00	12	0.16	0.90	2.77	4.00			0.00	0.00	20.61	20.70			0.69	0.70
2013-05-27 19:00	13			1.90	3.00			0.00	0.00	18.88	19.00	0.00	0.00	1.76	2.50
2013-05-27 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2013-05-27 20:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.56	20.60			0.01	0.10
2013-05-27 20:00	7			5.86	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.98	2.10
2013-05-27 20:00	8			7.84	8.00			0.00	0.00	20.90	20.90	0.00	0.00	4.76	5.80
2013-05-27 20:00	10			3.84	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.29	0.80
2013-05-27 20:00	12	0.10	0.60	3.13	20.00			0.00	0.00	20.64	20.70			0.69	0.70
2013-05-27 20:00	13			1.68	2.00			0.00	0.00	19.01	19.10	0.00	0.00	1.36	2.00
2013-05-27 21:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 21:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.59	20.70			0.02	0.10
2013-05-27 21:00	7			6.30	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.72	2.10
2013-05-27 21:00	8			8.09	11.00			0.00	0.00	20.90	20.90	0.00	0.00	4.96	6.60
2013-05-27 21:00	10			3.82	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.26	1.00
2013-05-27 21:00	12	0.17	0.60	3.32	20.00			0.00	0.00	20.67	20.70			0.68	0.70
2013-05-27 21:00	13			1.77	2.00			0.00	0.00	19.00	19.10	0.00	0.00	1.41	2.00
2013-05-27 22:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 22:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.58	20.70			0.03	0.10
2013-05-27 22:00	7			7.45	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.98	2.10
2013-05-27 22:00	8			9.00	11.00			0.00	0.00	20.90	20.90	0.00	0.00	4.69	6.20

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2013-05-27 22:00	10			3.76	5.00	0.00	0.00	0.00	0.00	20.69	20.90			0.26	0.80
2013-05-27 22:00	12	0.11	0.60	3.63	20.00			0.00	0.00	20.70	20.70			0.62	0.70
2013-05-27 22:00	13			1.53	3.00			0.00	0.00	18.99	19.10	0.00	0.00	1.51	2.50
2013-05-27 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-27 23:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.58	20.60			0.04	0.10
2013-05-27 23:00	7			7.90	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.79	2.10
2013-05-27 23:00	8			10.16	12.00			0.00	0.00	20.90	20.90	0.00	0.00	5.12	6.60
2013-05-27 23:00	10			3.78	5.00	0.00	0.00	0.00	0.00	20.67	20.90			0.25	0.60
2013-05-27 23:00	12	0.12	0.60	2.94	17.00			0.00	0.00	20.68	20.70			0.62	0.70
2013-05-27 23:00	13			1.85	3.00			0.00	0.00	18.98	19.10	0.00	0.00	1.44	2.00
2013-05-28 00:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 00:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.54	20.60			0.05	0.10
2013-05-28 00:00	7			8.14	10.00			0.00	0.00	20.90	20.90	0.00	0.00	1.11	2.10
2013-05-28 00:00	8			11.46	15.00			0.00	0.00	20.90	20.90	0.00	0.00	4.93	6.60
2013-05-28 00:00	10			3.89	4.00	0.00	0.00	0.00	0.00	20.67	20.90			0.13	0.60
2013-05-28 00:00	12	0.09	0.50	3.26	19.00			0.00	0.00	20.66	20.70			0.61	0.70
2013-05-28 00:00	13			1.55	3.00			0.00	0.00	18.98	19.10	0.00	0.00	1.50	2.50
2013-05-28 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 01:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.55	20.60			0.04	0.10
2013-05-28 01:00	7			8.56	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	1.40
2013-05-28 01:00	8			11.75	13.00			0.00	0.00	20.90	20.90	0.00	0.00	5.76	7.00
2013-05-28 01:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.89	20.90			0.15	0.50
2013-05-28 01:00	12	0.15	0.50	2.64	3.00			0.00	0.00	20.65	20.70			0.58	0.70
2013-05-28 01:00	13			1.61	4.00			0.00	0.00	18.93	19.00	0.00	0.00	1.54	2.50
2013-05-28 02:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 02:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.54	20.60			0.02	0.10
2013-05-28 02:00	7			9.55	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.35	1.40
2013-05-28 02:00	8			13.47	15.00			0.00	0.00	20.90	20.90	0.00	0.00	5.76	6.60
2013-05-28 02:00	10			4.11	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.40
2013-05-28 02:00	12	0.25	0.60	2.88	4.00			0.00	0.00	20.61	20.70			0.48	0.60

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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)
2013-05-28 02:00	13			1.95	3.00			0.00	0.00	19.02	19.10	0.00	0.00	1.47	2.00
2013-05-28 03:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 03:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.58	20.60			0.01	0.10
2013-05-28 03:00	7			8.50	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.45	1.40
2013-05-28 03:00	8			14.77	16.00			0.00	0.00	20.90	20.90	0.00	0.00	5.22	6.20
2013-05-28 03:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.20
2013-05-28 03:00	12	0.18	0.80	3.42	24.00			0.00	0.00	20.64	20.70			0.44	0.50
2013-05-28 03:00	13			2.00	3.00			0.00	0.00	19.07	19.20	0.00	0.00	1.37	2.00
2013-05-28 04:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 04:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.60	20.60			0.01	0.10
2013-05-28 04:00	7			8.70	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.46	2.10
2013-05-28 04:00	8			15.09	18.00			0.00	0.00	20.90	20.90	0.00	0.00	5.58	6.60
2013-05-28 04:00	10			3.97	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.40
2013-05-28 04:00	12	0.06	0.30	2.84	4.00			0.00	0.00	20.63	20.70			0.47	0.50
2013-05-28 04:00	13			2.00	3.00			0.00	0.00	19.09	19.20	0.00	0.00	1.35	2.00
2013-05-28 05:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 05:00	2	0.06	0.30			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.10
2013-05-28 05:00	7			8.91	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.34	1.40
2013-05-28 05:00	8			15.33	16.00			0.00	0.00	20.90	20.90	0.00	0.00	5.91	7.00
2013-05-28 05:00	10			3.94	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.40
2013-05-28 05:00	12	0.13	0.80	2.86	4.00			0.00	0.00	20.73	20.90			0.49	0.50
2013-05-28 05:00	13			1.97	3.00			0.00	0.00	19.06	19.10	0.00	0.00	1.46	2.00
2013-05-28 06:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 06:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.59	20.60			0.02	0.10
2013-05-28 06:00	7			8.90	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.41	1.40
2013-05-28 06:00	8			15.38	18.00			0.00	0.00	20.90	20.90	0.00	0.00	4.85	6.20
2013-05-28 06:00	10			4.08	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.40
2013-05-28 06:00	12	0.20	0.60	3.00	4.00			0.00	0.00	20.63	20.70			0.49	0.50
2013-05-28 06:00	13			2.02	4.00			0.00	0.00	20.23	20.90	0.00	0.10	0.48	2.00
2013-05-28 07:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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2013-05-28 07:00	2	0.05	0.20			0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.10
2013-05-28 07:00	7			9.77	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.48	1.40
2013-05-28 07:00	8			12.59	15.00			0.00	0.00	20.90	20.90	0.00	0.00	3.67	4.50
2013-05-28 07:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.75	20.90			0.16	0.50
2013-05-28 07:00	12	0.16	0.70	3.27	12.00			0.00	0.00	20.62	20.70			0.48	0.50
2013-05-28 07:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 08:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 08:00	2	0.06	0.40			0.00	0.00	0.00	0.00	20.60	20.70			0.01	0.10
2013-05-28 08:00	7			11.03	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	1.40
2013-05-28 08:00	8			15.14	20.00			0.00	0.00	20.90	20.90	0.00	0.00	3.25	4.50
2013-05-28 08:00	10			4.32	6.00	0.00	0.00	0.00	0.00	20.81	20.90			0.14	0.50
2013-05-28 08:00	12	0.13	0.60	3.49	4.00			0.00	0.00	20.65	20.70			0.49	0.60
2013-05-28 08:00	13			1.92	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 09:00	1	0.10	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.10
2013-05-28 09:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.59	20.70			0.03	0.10
2013-05-28 09:00	7			11.18	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.52	1.40
2013-05-28 09:00	8			18.15	22.00			0.00	0.00	20.90	20.90	0.00	0.00	2.07	4.10
2013-05-28 09:00	10			4.18	5.00	0.00	0.00	0.00	0.00	20.88	20.90			0.15	0.40
2013-05-28 09:00	12	0.11	0.70	3.50	4.00			0.00	0.00	20.75	20.90			0.61	0.80
2013-05-28 09:00	13			2.16	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 10:00	1	0.12	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.23	0.40
2013-05-28 10:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.58	20.60			0.04	0.10
2013-05-28 10:00	7			12.81	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.40	1.40
2013-05-28 10:00	8			16.57	20.00			0.00	0.00	20.90	20.90	0.00	0.00	5.74	7.50
2013-05-28 10:00	10			4.14	6.00	0.00	0.00	0.00	0.00	20.61	20.70			0.16	0.40
2013-05-28 10:00	12	0.20	1.00	3.64	6.00			0.00	0.00	20.90	20.90			0.70	0.70
2013-05-28 10:00	13			2.16	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 11:00	1	0.10	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.46	0.70
2013-05-28 11:00	2	0.08	0.60			0.00	0.00	0.00	0.00	20.55	20.60			0.03	0.10
2013-05-28 11:00	7			12.03	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.84	2.10

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)
2013-05-28 11:00	8			16.33	19.00			0.00	0.00	20.90	20.90	0.01	0.10	3.56	7.90
2013-05-28 11:00	10			4.21	7.00	0.00	0.00	0.00	0.00	20.60	20.70			0.13	0.50
2013-05-28 11:00	12	0.15	0.60	3.32	5.00			0.00	0.00	20.78	20.90			0.70	0.80
2013-05-28 11:00	13			2.02	4.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2013-05-28 12:00	1	0.19	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.96	1.50
2013-05-28 12:00	2	0.09	1.20			0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.10
2013-05-28 12:00	7			11.97	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	1.40
2013-05-28 12:00	8			14.90	20.00			0.00	0.00	20.71	20.90	0.01	0.10	5.18	11.20
2013-05-28 12:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.55	20.70			0.09	0.40
2013-05-28 12:00	12	0.39	0.80	3.23	4.00			0.00	0.00	20.53	20.60			0.56	0.70
2013-05-28 12:00	13			2.29	3.00			0.00	0.00	21.07	21.60	0.03	0.10	0.00	0.00
2013-05-28 13:00	1	0.18	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2013-05-28 13:00	2	0.09	0.30			0.00	0.00	0.00	0.00	20.45	20.60			0.00	0.00
2013-05-28 13:00	7			16.20	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.70
2013-05-28 13:00	8			19.74	22.00			0.00	0.00	20.87	20.90	0.00	0.00	0.00	0.00
2013-05-28 13:00	10			5.21	7.00	0.00	0.00	0.00	0.00	20.78	20.90			0.02	0.10
2013-05-28 13:00	12	0.14	0.40	3.95	5.00			0.00	0.00	20.63	20.90			0.31	0.40
2013-05-28 13:00	13			3.74	5.00			0.00	0.00	21.91	22.00	0.00	0.00	0.00	0.00