

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)
2013-05-30 14:00	1	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 14:00	2	0.10	0.40			0.00	0.00	0.00	0.00	20.61	20.90			0.00	0.00
2013-05-30 14:00	7			15.45	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 14:00	8			12.95	16.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-30 14:00	10			4.77	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2013-05-30 14:00	12	0.05	0.40	4.22	6.00			0.00	0.00	20.68	20.70			0.02	0.10
2013-05-30 14:00	13			3.40	5.00			0.00	0.00	21.50	21.60	0.01	0.10	0.00	0.00
2013-05-30 15:00	1	0.22	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 15:00	2	0.13	0.50			0.00	0.00	0.00	0.00	20.43	20.50			0.00	0.00
2013-05-30 15:00	7			17.23	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 15:00	8			12.59	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 15:00	10			4.87	6.00	0.00	0.00	0.00	0.00	20.89	20.90			0.02	0.20
2013-05-30 15:00	12	0.07	0.60	4.90	7.00			0.00	0.00	20.65	20.70			0.00	0.00
2013-05-30 15:00	13			4.71	6.00			0.00	0.00	21.85	22.00	0.02	0.10	0.00	0.00
2013-05-30 16:00	1	0.26	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 16:00	2	0.20	0.80			0.00	0.10	0.00	0.00	20.49	20.70			0.00	0.00
2013-05-30 16:00	7			17.58	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 16:00	8			12.84	15.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-30 16:00	10			5.00	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-30 16:00	12	0.06	0.50	4.70	21.00			0.00	0.00	20.67	20.70			0.04	0.10
2013-05-30 16:00	13			6.45	8.00			0.00	0.00	22.27	22.40	0.02	0.10	0.00	0.00
2013-05-30 17:00	1	0.21	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 17:00	2	0.25	0.60			0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2013-05-30 17:00	7			18.84	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 17:00	8			12.79	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 17:00	10			4.51	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-05-30 17:00	12	0.02	0.10	4.51	9.00			0.00	0.00	20.81	20.90			0.01	0.10
2013-05-30 17:00	13			6.66	8.00			0.00	0.00	22.36	22.50	0.01	0.10	0.00	0.00
2013-05-30 18:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 18:00	2	0.15	0.50			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)
2013-05-30 18:00	7			17.69	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 18:00	8			12.72	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 18:00	10			5.00	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-05-30 18:00	12	0.02	0.30	5.41	45.00			0.00	0.00	20.90	20.90			0.00	0.10
2013-05-30 18:00	13			5.03	6.00			0.00	0.00	21.93	22.10	0.02	0.10	0.00	0.00
2013-05-30 19:00	1	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 19:00	2	0.14	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 19:00	7			14.68	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 19:00	8			12.90	17.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-30 19:00	10			4.69	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.20
2013-05-30 19:00	12	0.03	0.50	3.88	5.00			0.00	0.00	20.90	20.90			0.09	0.20
2013-05-30 19:00	13			3.08	4.00			0.00	0.00	21.34	21.70	0.00	0.00	0.00	0.00
2013-05-30 20:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 20:00	2	0.06	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-30 20:00	7			11.89	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 20:00	8			9.03	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-30 20:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.40
2013-05-30 20:00	12	0.08	0.50	3.13	4.00			0.00	0.00	20.90	20.90			0.10	0.20
2013-05-30 20:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-30 21:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.20
2013-05-30 21:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-05-30 21:00	7			8.69	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.70
2013-05-30 21:00	8			11.47	12.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-30 21:00	10			4.15	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.20
2013-05-30 21:00	12	0.07	0.50	2.89	4.00			0.00	0.00	20.77	20.90			0.34	0.50
2013-05-30 21:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-30 22:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.30
2013-05-30 22:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.68	20.90			0.04	0.10
2013-05-30 22:00	7			8.11	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	1.40
2013-05-30 22:00	8			10.11	12.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00

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2013-05-30 22:00	10			4.03	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.50
2013-05-30 22:00	12	0.05	0.30	3.11	4.00			0.00	0.00	20.84	20.90			0.51	0.70
2013-05-30 22:00	13			2.00	2.00			0.00	0.00	20.89	20.90	0.01	0.10	0.00	0.00
2013-05-30 23:00	1	0.04	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.41	0.50
2013-05-30 23:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.60	20.60			0.08	0.10
2013-05-30 23:00	7			7.32	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.47	2.10
2013-05-30 23:00	8			10.03	12.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-30 23:00	10			4.84	6.00	0.00	0.00	0.00	0.00	20.86	20.90			0.15	0.50
2013-05-30 23:00	12	0.07	0.60	4.46	22.00			0.00	0.00	20.90	20.90			0.70	0.80
2013-05-30 23:00	13			3.00	4.00			0.00	0.00	20.48	20.60	0.00	0.00	0.00	0.00
2013-05-31 00:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.81	20.90			0.61	0.70
2013-05-31 00:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.55	20.60			0.09	0.10
2013-05-31 00:00	7			5.94	8.00			0.00	0.00	20.90	20.90	0.00	0.00	1.06	2.10
2013-05-31 00:00	8			9.31	11.00			0.00	0.00	20.90	20.90	0.00	0.10	0.20	1.60
2013-05-31 00:00	10			4.68	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.60
2013-05-31 00:00	12	0.09	0.40	3.76	5.00			0.00	0.00	20.90	20.90			0.86	0.90
2013-05-31 00:00	13			2.64	3.00			0.00	0.00	20.35	20.50	0.00	0.10	0.02	0.40
2013-05-31 01:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.70	0.80
2013-05-31 01:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.54	20.60			0.09	0.10
2013-05-31 01:00	7			4.82	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.94	2.10
2013-05-31 01:00	8			8.10	10.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 01:00	10			4.03	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.60
2013-05-31 01:00	12	0.14	0.70	4.79	43.00			0.00	0.00	20.90	20.90			0.89	0.90
2013-05-31 01:00	13			2.03	3.00			0.00	0.00	20.30	20.40	0.00	0.00	0.05	0.80
2013-05-31 02:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.60	20.70			0.72	0.80
2013-05-31 02:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.56	20.60			0.09	0.10
2013-05-31 02:00	7			4.33	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.65	1.40
2013-05-31 02:00	8			8.13	9.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-31 02:00	10			3.87	4.00	0.00	0.00	0.00	0.00	20.69	20.90			0.26	0.60
2013-05-31 02:00	12	0.16	0.70	2.68	10.00			0.00	0.00	20.90	20.90			0.90	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)
2013-05-31 02:00	13			1.73	3.00			0.00	0.00	20.30	20.30	0.00	0.00	0.01	0.40
2013-05-31 03:00	1	0.10	0.70			0.00	0.00	0.00	0.00	20.60	20.70			0.65	0.80
2013-05-31 03:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.57	20.60			0.09	0.10
2013-05-31 03:00	7			4.29	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.42	1.40
2013-05-31 03:00	8			8.97	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 03:00	10			3.89	4.00	0.00	0.00	0.00	0.00	20.86	20.90			0.19	0.60
2013-05-31 03:00	12	0.20	0.50	2.56	6.00			0.00	0.00	20.90	20.90			0.81	0.90
2013-05-31 03:00	13			1.61	3.00			0.00	0.00	20.36	20.40	0.00	0.00	0.01	0.40
2013-05-31 04:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.47	0.60
2013-05-31 04:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.60	20.60			0.06	0.10
2013-05-31 04:00	7			5.03	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.32	1.40
2013-05-31 04:00	8			10.03	11.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 04:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.70	20.90			0.12	0.40
2013-05-31 04:00	12	0.14	0.70	2.81	16.00			0.00	0.00	20.90	20.90			0.78	0.90
2013-05-31 04:00	13			1.76	3.00			0.00	0.00	20.44	20.50	0.01	0.10	0.00	0.00
2013-05-31 05:00	1	0.08	0.60			0.00	0.00	0.00	0.00	20.80	20.90			0.40	0.50
2013-05-31 05:00	2	0.05	0.30			0.00	0.00	0.00	0.00	20.60	20.60			0.08	0.10
2013-05-31 05:00	7			5.20	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	1.40
2013-05-31 05:00	8			11.32	14.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-31 05:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.50
2013-05-31 05:00	12	0.15	0.70	2.40	4.00			0.00	0.00	20.90	20.90			0.87	1.00
2013-05-31 05:00	13			1.61	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2013-05-31 06:00	1	0.13	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.40
2013-05-31 06:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.60	20.60			0.06	0.10
2013-05-31 06:00	7			5.97	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	1.40
2013-05-31 06:00	8			12.22	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 06:00	10			3.57	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.60
2013-05-31 06:00	12	0.12	0.50	2.26	3.00			0.00	0.00	20.90	20.90			0.88	0.90
2013-05-31 06:00	13			1.50	3.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2013-05-31 07:00	1	0.18	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.32	0.40

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2013-05-31 07:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.55	20.60			0.04	0.10
2013-05-31 07:00	7			7.13	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	2.10
2013-05-31 07:00	8			14.16	17.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 07:00	10			3.51	4.00	0.00	0.00	0.00	0.00	20.85	20.90			0.15	0.60
2013-05-31 07:00	12	0.18	0.70	3.05	17.00			0.00	0.00	20.65	20.90			0.74	0.90
2013-05-31 07:00	13			1.64	2.00			0.00	0.00	20.66	20.90	0.00	0.10	0.00	0.00
2013-05-31 08:00	1	0.19	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.40
2013-05-31 08:00	2	0.06	0.30			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2013-05-31 08:00	7			8.17	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.70
2013-05-31 08:00	8			15.69	19.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 08:00	10			3.97	4.00	0.00	0.00	0.00	0.00	20.79	20.90			0.07	0.20
2013-05-31 08:00	12	0.23	0.70	3.46	22.00			0.00	0.00	20.60	20.70			0.65	0.70
2013-05-31 08:00	13			1.81	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 09:00	1	0.19	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.20
2013-05-31 09:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2013-05-31 09:00	7			10.73	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-31 09:00	8			14.91	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 09:00	10			4.03	5.00	0.00	0.00	0.00	0.00	20.61	20.70			0.03	0.20
2013-05-31 09:00	12	0.29	0.70	3.40	4.00			0.00	0.00	20.59	20.60			0.46	0.70
2013-05-31 09:00	13			1.91	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 10:00	1	0.16	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.20
2013-05-31 10:00	2	0.06	0.40			0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2013-05-31 10:00	7			14.18	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 10:00	8			15.38	16.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 10:00	10			4.73	7.00	0.00	0.00	0.00	0.00	20.73	20.90			0.02	0.20
2013-05-31 10:00	12	0.17	0.60	5.20	28.00			0.00	0.00	20.72	20.90			0.30	0.50
2013-05-31 10:00	13			2.34	3.00			0.00	0.00	21.18	21.40	0.00	0.00	0.00	0.00
2013-05-31 11:00	1	0.15	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.20
2013-05-31 11:00	2	0.04	0.60			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2013-05-31 11:00	7			14.70	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70

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)
2013-05-31 11:00	8			22.86	26.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 11:00	10			6.61	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-05-31 11:00	12	0.16	0.80	5.30	19.00			0.00	0.00	20.90	20.90			0.31	0.40
2013-05-31 11:00	13			2.24	3.00			0.00	0.00	21.24	21.30	0.00	0.10	0.00	0.00
2013-05-31 12:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.22	0.30
2013-05-31 12:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2013-05-31 12:00	7			15.00	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	1.40
2013-05-31 12:00	8			20.75	22.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 12:00	10			6.57	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-05-31 12:00	12	0.12	0.60	5.49	9.00			0.00	0.00	20.90	20.90			0.44	0.70
2013-05-31 12:00	13			2.53	4.00			0.00	0.00	20.96	21.20	0.01	0.10	0.00	0.00
2013-05-31 13:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.45	0.50
2013-05-31 13:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2013-05-31 13:00	7			12.48	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	1.40
2013-05-31 13:00	8			19.00	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 13:00	10			7.67	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2013-05-31 13:00	12	0.04	0.30	6.33	9.00			0.00	0.00	20.82	20.90			0.72	0.90
2013-05-31 13:00	13			3.05	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00