

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 14:00	1	0.23	1.00			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.10
2013-05-28 14:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.44	20.50			0.00	0.00
2013-05-28 14:00	7			18.44	23.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 14:00	8			16.03	23.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-28 14:00	10			5.13	7.00	0.00	0.00	0.00	0.00	20.70	20.90			0.01	0.10
2013-05-28 14:00	12	0.21	0.70	4.93	27.00			0.00	0.00	20.60	20.70			0.14	0.30
2013-05-28 14:00	13			6.40	9.00			0.00	0.00	22.36	22.70	0.03	0.10	0.00	0.00
2013-05-28 15:00	1	0.32	0.80			0.09	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 15:00	2	0.17	0.90			0.00	0.00	0.00	0.00	20.42	20.50			0.00	0.00
2013-05-28 15:00	7			24.21	30.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 15:00	8			18.59	21.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 15:00	10			5.85	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-28 15:00	12	0.11	0.70	6.25	12.00			0.00	0.00	20.86	20.90			0.00	0.00
2013-05-28 15:00	13			11.02	15.00			0.00	0.00	23.29	23.60	0.03	0.10	0.00	0.00
2013-05-28 16:00	1	0.32	1.00			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 16:00	2	0.26	0.70			0.00	0.10	0.00	0.00	20.54	20.60			0.00	0.00
2013-05-28 16:00	7			28.64	32.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 16:00	8			18.92	25.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 16:00	10			5.18	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-28 16:00	12	0.09	0.40	5.29	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 16:00	13			15.88	22.00			0.00	0.00	23.84	24.00	0.05	0.10	0.00	0.00
2013-05-28 17:00	1	0.28	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 17:00	2	0.36	0.90			0.00	0.00	0.00	0.00	20.75	20.90			0.00	0.00
2013-05-28 17:00	7			29.76	32.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 17:00	8			21.42	26.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 17:00	10			5.50	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2013-05-28 17:00	12	0.12	0.50	4.81	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 17:00	13			16.29	22.00			0.00	0.00	23.23	23.70	0.02	0.10	0.00	0.00
2013-05-28 18:00	1	0.21	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 18:00	2	0.29	0.80			0.00	0.00	0.00	0.00	20.78	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)
2013-05-28 18:00	7			25.03	30.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 18:00	8			17.79	24.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-28 18:00	10			5.63	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-05-28 18:00	12	0.11	0.70	4.79	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 18:00	13			9.00	13.00			0.00	0.00	22.50	22.80	0.03	0.10	0.00	0.00
2013-05-28 19:00	1	0.23	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 19:00	2	0.22	0.60			0.00	0.00	0.00	0.00	20.80	20.90			0.00	0.00
2013-05-28 19:00	7			27.18	34.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 19:00	8			21.47	25.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-28 19:00	10			4.95	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2013-05-28 19:00	12	0.10	0.60	4.76	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 19:00	13			6.24	8.00			0.00	0.00	22.15	22.50	0.00	0.10	0.00	0.00
2013-05-28 20:00	1	0.12	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 20:00	2	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 20:00	7			22.83	26.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 20:00	8			16.79	21.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-28 20:00	10			4.88	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2013-05-28 20:00	12	0.07	0.50	4.95	25.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 20:00	13			3.80	5.00			0.00	0.00	21.63	21.90	0.00	0.10	0.00	0.00
2013-05-28 21:00	1	0.12	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 21:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 21:00	7			18.38	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 21:00	8			16.55	23.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-28 21:00	10			4.41	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.20
2013-05-28 21:00	12	0.04	0.30	3.37	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 21:00	13			3.05	4.00			0.00	0.00	21.36	21.40	0.00	0.00	0.00	0.00
2013-05-28 22:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 22:00	2	0.12	0.50			0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2013-05-28 22:00	7			16.05	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-28 22:00	8			21.51	26.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00

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2013-05-28 22:00	10			4.27	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2013-05-28 22:00	12	0.09	0.40	4.40	22.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 22:00	13			2.53	3.00			0.00	0.00	21.26	21.40	0.00	0.10	0.00	0.00
2013-05-28 23:00	1	0.14	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 23:00	2	0.12	0.70			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2013-05-28 23:00	7			18.18	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-28 23:00	8			20.11	21.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-28 23:00	10			5.00	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.40
2013-05-28 23:00	12	0.05	0.20	4.16	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-28 23:00	13			2.08	3.00			0.00	0.00	21.21	21.30	0.00	0.00	0.00	0.00
2013-05-29 00:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 00:00	2	0.17	0.80			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2013-05-29 00:00	7			18.21	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 00:00	8			20.03	23.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 00:00	10			4.79	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.40
2013-05-29 00:00	12	0.05	0.50	4.11	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 00:00	13			2.00	2.00			0.00	0.00	21.10	21.20	0.01	0.10	0.00	0.00
2013-05-29 01:00	1	1.91	10.60			0.01	0.10	0.00	0.00	20.90	20.90			0.27	1.60
2013-05-29 01:00	2	0.12	0.50			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2013-05-29 01:00	7			17.33	20.00			0.00	0.00	20.90	20.90	0.01	0.20	0.00	0.00
2013-05-29 01:00	8			18.39	20.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 01:00	10			4.21	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.40
2013-05-29 01:00	12	0.05	0.50	4.13	16.00			0.00	0.00	20.90	20.90			0.03	0.10
2013-05-29 01:00	13			2.03	3.00			0.00	0.00	20.96	21.20	0.01	0.10	0.00	0.00
2013-05-29 02:00	1	0.48	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2013-05-29 02:00	2	0.06	0.70			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2013-05-29 02:00	7			15.48	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 02:00	8			16.56	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 02:00	10			4.12	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.50
2013-05-29 02:00	12	0.06	0.50	3.36	4.00			0.00	0.00	20.90	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)
2013-05-29 02:00	13			1.94	2.00			0.00	0.00	20.96	21.20	0.01	0.10	0.00	0.00
2013-05-29 03:00	1	0.23	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.40
2013-05-29 03:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.63	20.70			0.01	0.10
2013-05-29 03:00	7			12.15	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.70
2013-05-29 03:00	8			18.73	21.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 03:00	10			4.15	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.60
2013-05-29 03:00	12	0.03	0.40	2.90	4.00			0.00	0.00	20.85	20.90			0.20	0.30
2013-05-29 03:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 04:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 04:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.61	20.70			0.02	0.10
2013-05-29 04:00	7			10.38	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	1.40
2013-05-29 04:00	8			18.31	20.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 04:00	10			4.03	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.40
2013-05-29 04:00	12	0.03	0.40	2.84	4.00			0.00	0.00	20.84	20.90			0.26	0.30
2013-05-29 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 05:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 05:00	2	0.09	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.06	0.10
2013-05-29 05:00	7			12.22	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.42	2.10
2013-05-29 05:00	8			16.43	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 05:00	10			3.94	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.60
2013-05-29 05:00	12	0.17	0.50	3.41	17.00			0.00	0.00	20.90	20.90			0.29	0.30
2013-05-29 05:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 06:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 06:00	2	0.09	0.50			0.00	0.00	0.00	0.00	20.57	20.70			0.03	0.10
2013-05-29 06:00	7			12.00	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.41	2.10
2013-05-29 06:00	8			16.81	18.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 06:00	10			3.97	5.00	0.00	0.00	0.00	0.00	20.89	20.90			0.11	0.40
2013-05-29 06:00	12	0.19	0.70	3.09	4.00			0.00	0.00	20.77	20.90			0.19	0.30
2013-05-29 06:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 07:00	1	0.10	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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2013-05-29 07:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.73	20.90			0.02	0.10
2013-05-29 07:00	7			9.49	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.31	1.40
2013-05-29 07:00	8			16.54	20.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 07:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.88	20.90			0.18	0.50
2013-05-29 07:00	12	0.25	0.70	3.08	4.00			0.00	0.00	20.64	20.70			0.13	0.30
2013-05-29 07:00	13			1.92	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 08:00	1	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 08:00	2	0.07	0.50			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2013-05-29 08:00	7			11.97	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	1.40
2013-05-29 08:00	8			14.97	20.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 08:00	10			4.00	6.00	0.00	0.00	0.00	0.00	20.80	20.90			0.16	0.50
2013-05-29 08:00	12	0.28	0.90	3.46	5.00			0.00	0.00	20.65	20.90			0.10	0.10
2013-05-29 08:00	13			2.00	2.00			0.00	0.00	20.91	21.20	0.00	0.00	0.00	0.00
2013-05-29 09:00	1	0.31	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 09:00	2	0.12	0.50			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2013-05-29 09:00	7			19.43	25.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.70
2013-05-29 09:00	8			16.05	22.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-29 09:00	10			4.90	7.00	0.00	0.00	0.00	0.00	20.70	20.90			0.04	0.20
2013-05-29 09:00	12	0.37	1.20	5.15	9.00			0.00	0.00	20.58	20.70			0.00	0.10
2013-05-29 09:00	13			2.63	4.00			0.00	0.00	21.15	21.50	0.01	0.10	0.00	0.00
2013-05-29 10:00	1	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 10:00	2	0.09	0.40			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2013-05-29 10:00	7			21.03	25.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 10:00	8			16.47	21.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 10:00	10			5.37	8.00	0.00	0.00	0.00	0.00	20.81	20.90			0.02	0.10
2013-05-29 10:00	12	0.23	0.60	6.73	10.00			0.00	0.00	20.75	20.90			0.00	0.00
2013-05-29 10:00	13			3.95	6.00			0.00	0.00	21.72	21.90	0.00	0.00	0.00	0.00
2013-05-29 11:00	1	0.17	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 11:00	2	0.08	0.30			0.00	0.00	0.00	0.00	20.67	20.70			0.00	0.00
2013-05-29 11:00	7			24.67	32.00			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)
2013-05-29 11:00	8			16.66	21.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 11:00	10			6.17	7.00	0.00	0.10	0.00	0.00	20.77	20.90			0.01	0.10
2013-05-29 11:00	12	0.16	0.70	8.11	15.00			0.00	0.00	20.61	20.70			0.00	0.00
2013-05-29 11:00	13			4.77	6.00			0.00	0.00	21.81	21.90	0.00	0.10	0.00	0.00
2013-05-29 12:00	1	0.18	0.80			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 12:00	2	0.09	0.60			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2013-05-29 12:00	7			28.08	32.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 12:00	8			15.18	19.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2013-05-29 12:00	10			6.05	8.00	0.02	0.10	0.00	0.00	20.78	20.90			0.00	0.00
2013-05-29 12:00	12	0.21	0.80	11.51	15.00			0.00	0.00	20.65	20.70			0.00	0.00
2013-05-29 12:00	13			5.75	6.00			0.00	0.00	22.02	22.40	0.00	0.00	0.00	0.00
2013-05-29 13:00	1	0.21	0.70			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-29 13:00	2	0.13	0.50			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2013-05-29 13:00	7			34.35	39.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-29 13:00	8			11.74	14.00			0.00	0.00	20.90	20.90	0.02	0.10	0.00	0.00
2013-05-29 13:00	10			6.10	8.00	0.03	0.10	0.00	0.00	20.75	20.90			0.01	0.10
2013-05-29 13:00	12	0.33	0.90	13.14	32.00			0.00	0.00	20.62	20.70			0.00	0.00
2013-05-29 13:00	13			5.90	6.00			0.00	0.00	22.17	22.40	0.00	0.00	0.00	0.00