

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)
2013-05-19 14:00	1	1.55	2.00			0.39	0.40	0.00	0.00	20.90	20.90			0.39	0.80
2013-05-19 14:00	2	0.53	0.90			0.07	0.10	0.00	0.00	20.69	20.70			0.00	0.00
2013-05-19 14:00	7			30.97	36.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.70
2013-05-19 14:00	8			11.05	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-19 14:00	10			6.13	8.00	0.00	0.00	0.00	0.00	20.71	20.90			0.00	0.00
2013-05-19 14:00	12	0.00	0.00	18.30	28.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 14:00	13			15.07	19.00			0.00	0.00	20.66	20.90	0.00	0.00	0.09	0.40
2013-05-19 15:00	1	1.63	2.40			0.38	0.40	0.00	0.00	20.90	20.90			0.44	0.80
2013-05-19 15:00	2	0.80	1.50			0.10	0.20	0.00	0.00	20.63	20.70			0.00	0.00
2013-05-19 15:00	7			31.14	35.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-19 15:00	8			13.05	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-19 15:00	10			7.89	12.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 15:00	12	0.00	0.00	15.18	21.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 15:00	13			21.92	27.00			0.00	0.00	20.99	21.30	0.00	0.00	0.00	0.00
2013-05-19 16:00	1	1.59	2.40			0.36	0.50	0.00	0.00	20.90	20.90			0.30	0.80
2013-05-19 16:00	2	1.23	2.00			0.11	0.20	0.00	0.00	20.76	20.90			0.00	0.00
2013-05-19 16:00	7			27.67	30.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-19 16:00	8			11.46	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-19 16:00	10			7.11	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 16:00	12	0.00	0.00	10.08	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 16:00	13			26.11	27.00			0.00	0.00	21.19	21.30	0.00	0.00	0.06	0.60
2013-05-19 17:00	1	0.45	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-19 17:00	2	1.41	2.10			0.11	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 17:00	7			25.93	34.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.70
2013-05-19 17:00	8			9.46	12.00			0.00	0.00	20.90	20.90	0.09	0.20	0.01	0.10
2013-05-19 17:00	10			6.19	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-05-19 17:00	12	0.58	1.10	9.08	34.00			0.00	0.00	20.90	20.90			0.00	0.10
2013-05-19 17:00	13			26.87	31.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.60
2013-05-19 18:00	1	0.30	1.00			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)
2013-05-19 18:00	2	1.25	2.20			0.10	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 18:00	7			26.13	30.00			0.00	0.00	20.90	20.90	0.00	0.10	0.03	0.70
2013-05-19 18:00	8			9.12	12.00			0.00	0.00	20.90	20.90	0.10	0.20	0.00	0.00
2013-05-19 18:00	10			5.88	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.20
2013-05-19 18:00	12	0.42	0.90	7.30	25.00			0.00	0.00	20.90	20.90			0.02	0.10
2013-05-19 18:00	13			27.00	31.00			0.00	0.00	20.90	20.90	0.00	0.00	0.27	0.60
2013-05-19 19:00	1	0.16	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-19 19:00	2	0.89	1.40			0.08	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 19:00	7			24.42	31.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-19 19:00	8			8.88	11.00			0.00	0.00	20.90	20.90	0.07	0.20	0.00	0.00
2013-05-19 19:00	10			5.83	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2013-05-19 19:00	12	0.47	2.90	7.07	31.00			0.00	0.00	20.90	20.90			0.03	0.10
2013-05-19 19:00	13			21.73	29.00			0.00	0.00	20.75	20.90	0.00	0.00	0.49	0.80
2013-05-19 20:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-19 20:00	2	0.32	0.90			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 20:00	7			20.90	26.00			0.00	0.00	20.90	20.90	0.00	0.10	0.03	0.70
2013-05-19 20:00	8			8.54	11.00			0.00	0.00	20.90	20.90	0.07	0.20	0.00	0.10
2013-05-19 20:00	10			5.31	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 20:00	12	0.39	1.20	5.00	7.00			0.00	0.00	20.90	20.90			0.06	0.10
2013-05-19 20:00	13			8.60	16.00			0.00	0.00	19.89	20.30	0.00	0.00	0.73	1.30
2013-05-19 21:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.40
2013-05-19 21:00	2	0.22	0.70			0.07	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 21:00	7			16.42	19.00			0.00	0.00	20.90	20.90	0.00	0.10	0.20	2.10
2013-05-19 21:00	8			7.75	9.00			0.00	0.00	20.90	20.90	0.07	0.20	0.01	0.10
2013-05-19 21:00	10			5.10	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2013-05-19 21:00	12	0.45	1.00	5.11	26.00			0.00	0.00	20.90	20.90			0.04	0.10
2013-05-19 21:00	13			4.77	6.00			0.00	0.00	19.51	19.70	0.00	0.00	0.88	1.30
2013-05-19 22:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-19 22:00	2	0.11	0.60			0.06	0.10	0.00	0.00	20.90	20.90			0.00	0.00

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2013-05-19 22:00	7			15.23	17.00			0.00	0.00	20.90	20.90	0.00	0.10	0.93	2.10
2013-05-19 22:00	8			7.49	11.00			0.00	0.00	20.90	20.90	0.07	0.20	0.03	0.20
2013-05-19 22:00	10			4.57	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2013-05-19 22:00	12	0.56	1.20	4.70	28.00			0.00	0.00	20.90	20.90			0.04	0.10
2013-05-19 22:00	13			3.51	5.00			0.00	0.00	19.35	19.40	0.00	0.00	0.99	1.50
2013-05-19 23:00	1	0.06	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2013-05-19 23:00	2	0.16	0.50			0.06	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-19 23:00	7			12.10	16.00			0.00	0.00	20.90	20.90	0.00	0.10	0.97	2.10
2013-05-19 23:00	8			6.35	8.00			0.00	0.00	20.90	20.90	0.05	0.10	0.07	0.40
2013-05-19 23:00	10			4.76	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2013-05-19 23:00	12	0.56	1.00	4.47	25.00			0.00	0.00	20.90	20.90			0.06	0.10
2013-05-19 23:00	13			3.02	6.00			0.00	0.00	19.16	19.30	0.00	0.00	1.12	1.30
2013-05-20 00:00	1	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-20 00:00	2	0.05	0.30			0.07	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 00:00	7			11.97	15.00			0.00	0.00	20.90	20.90	0.01	0.10	1.28	2.10
2013-05-20 00:00	8			6.84	9.00			0.00	0.00	20.90	20.90	0.06	0.10	0.08	0.40
2013-05-20 00:00	10			4.39	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.30
2013-05-20 00:00	12	0.54	0.90	3.65	4.00			0.00	0.00	20.90	20.90			0.07	0.20
2013-05-20 00:00	13			3.02	5.00			0.00	0.00	19.03	19.10	0.00	0.00	1.19	1.50
2013-05-20 01:00	1	0.06	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.40
2013-05-20 01:00	2	0.07	0.40			0.06	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 01:00	7			10.62	13.00			0.00	0.00	20.90	20.90	0.00	0.10	2.03	2.80
2013-05-20 01:00	8			7.87	8.00			0.00	0.00	20.90	20.90	0.07	0.20	0.15	0.40
2013-05-20 01:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2013-05-20 01:00	12	0.54	1.20	3.87	13.00			0.00	0.00	20.90	20.90			0.07	0.20
2013-05-20 01:00	13			2.95	3.00			0.00	0.00	18.93	19.00	0.00	0.00	1.23	1.50
2013-05-20 02:00	1	0.09	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2013-05-20 02:00	2	0.05	0.30			0.08	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 02:00	7			9.37	11.00			0.00	0.00	20.90	20.90	0.01	0.10	2.20	3.50

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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)
2013-05-20 02:00	8			8.03	9.00			0.00	0.00	20.90	20.90	0.07	0.10	0.25	0.50
2013-05-20 02:00	10			4.26	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.30
2013-05-20 02:00	12	0.55	1.00	4.42	24.00			0.00	0.00	20.90	20.90			0.10	0.10
2013-05-20 02:00	13			2.75	5.00			0.00	0.00	18.88	19.00	0.00	0.00	1.25	1.50
2013-05-20 03:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-20 03:00	2	0.04	0.30			0.05	0.10	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-20 03:00	7			9.79	12.00			0.00	0.00	20.90	20.90	0.01	0.10	1.68	2.80
2013-05-20 03:00	8			7.92	8.00			0.00	0.00	20.90	20.90	0.07	0.20	0.09	0.40
2013-05-20 03:00	10			4.69	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.30
2013-05-20 03:00	12	0.44	0.80	4.27	20.00			0.00	0.00	20.90	20.90			0.09	0.10
2013-05-20 03:00	13			2.30	3.00			0.00	0.00	18.86	19.00	0.00	0.00	1.28	1.50
2013-05-20 04:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.40
2013-05-20 04:00	2	0.01	0.20			0.04	0.10	0.00	0.00	20.90	20.90			0.09	0.20
2013-05-20 04:00	7			7.25	11.00			0.00	0.00	20.90	20.90	0.01	0.10	3.04	4.30
2013-05-20 04:00	8			6.90	10.00			0.00	0.00	20.90	20.90	0.06	0.10	0.25	0.60
2013-05-20 04:00	10			4.23	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.50
2013-05-20 04:00	12	0.37	0.90	3.30	4.00			0.00	0.00	20.90	20.90			0.18	0.20
2013-05-20 04:00	13			2.08	4.00			0.00	0.00	18.52	18.70	0.00	0.00	1.68	2.00
2013-05-20 05:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-20 05:00	2	0.02	0.20			0.06	0.10	0.00	0.00	20.90	20.90			0.10	0.20
2013-05-20 05:00	7			5.15	7.00			0.00	0.00	20.90	20.90	0.00	0.10	4.31	5.00
2013-05-20 05:00	8			5.13	8.00			0.00	0.00	20.90	20.90	0.06	0.20	0.53	1.00
2013-05-20 05:00	10			3.97	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.22	0.50
2013-05-20 05:00	12	0.66	1.20	2.79	4.00			0.00	0.00	20.90	20.90			0.27	0.30
2013-05-20 05:00	13			1.97	3.00			0.00	0.00	18.29	18.40	0.00	0.00	1.98	2.20
2013-05-20 06:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-20 06:00	2	0.01	0.10			0.09	0.10	0.00	0.00	20.90	20.90			0.11	0.20
2013-05-20 06:00	7			4.74	5.00			0.00	0.00	20.90	20.90	0.01	0.10	4.00	5.70
2013-05-20 06:00	8			5.11	7.00			0.00	0.00	20.90	20.90	0.06	0.10	0.72	1.00

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2013-05-20 06:00	10			3.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.50
2013-05-20 06:00	12	0.79	1.30	2.72	3.00			0.00	0.00	20.90	20.90			0.32	0.40
2013-05-20 06:00	13			1.97	2.00			0.00	0.00	19.22	20.90	0.00	0.00	1.23	2.20
2013-05-20 07:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 07:00	2	0.00	0.10			0.08	0.10	0.00	0.00	20.90	20.90			0.13	0.20
2013-05-20 07:00	7			4.86	5.00			0.00	0.00	20.90	20.90	0.07	0.20	1.25	2.10
2013-05-20 07:00	8			5.43	6.00			0.00	0.00	20.90	20.90	0.09	0.20	0.82	1.20
2013-05-20 07:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.50
2013-05-20 07:00	12	0.88	1.40	3.66	19.00			0.00	0.00	20.90	20.90			0.36	0.40
2013-05-20 07:00	13			2.06	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.20
2013-05-20 08:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2013-05-20 08:00	2	0.03	0.40			0.08	0.10	0.00	0.00	20.90	20.90			0.09	0.20
2013-05-20 08:00	7			4.48	6.00			0.00	0.00	20.90	20.90	0.06	0.20	0.90	2.10
2013-05-20 08:00	8			5.49	8.00			0.00	0.00	20.90	20.90	0.05	0.20	0.75	1.00
2013-05-20 08:00	10			3.97	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.50
2013-05-20 08:00	12	0.94	1.60	2.92	4.00			0.00	0.00	20.90	20.90			0.34	0.40
2013-05-20 08:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-20 09:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 09:00	2	0.04	0.50			0.09	0.10	0.00	0.00	20.90	20.90			0.08	0.10
2013-05-20 09:00	7			4.76	6.00			0.00	0.00	20.90	20.90	0.07	0.20	0.46	2.10
2013-05-20 09:00	8			5.95	8.00			0.00	0.00	20.85	20.90	0.06	0.10	0.70	0.90
2013-05-20 09:00	10			3.98	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.40
2013-05-20 09:00	12	1.07	1.70	2.82	4.00			0.00	0.00	20.90	20.90			0.31	0.40
2013-05-20 09:00	13			2.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2013-05-20 10:00	1	0.09	0.70			0.00	0.00	0.00	0.00	20.81	20.90			0.02	0.20
2013-05-20 10:00	2	0.02	0.20			0.08	0.10	0.00	0.00	20.90	20.90			0.04	0.10
2013-05-20 10:00	7			5.86	8.00			0.00	0.00	20.90	20.90	0.05	0.10	0.18	1.40
2013-05-20 10:00	8			7.55	9.00			0.00	0.00	20.62	20.70	0.06	0.20	0.30	0.60
2013-05-20 10:00	10			3.84	5.00	0.00	0.00	0.00	0.00	20.81	20.90			0.10	0.30

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)
2013-05-20 10:00	12	1.11	1.80	4.24	25.00			0.00	0.00	20.90	20.90			0.16	0.20
2013-05-20 10:00	13			1.90	2.00			0.00	0.00	20.99	21.20	0.00	0.00	0.00	0.00
2013-05-20 11:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.40
2013-05-20 11:00	2	0.05	0.30			0.08	0.10	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-20 11:00	7			6.88	8.00			0.00	0.00	20.90	20.90	0.05	0.20	0.00	0.00
2013-05-20 11:00	8			8.63	10.00			0.00	0.00	20.88	20.90	0.08	0.20	0.01	0.10
2013-05-20 11:00	10			4.21	6.00	0.00	0.00	0.00	0.00	20.87	20.90			0.01	0.10
2013-05-20 11:00	12	1.14	1.70	4.59	6.00			0.00	0.00	20.90	20.90			0.03	0.10
2013-05-20 11:00	13			2.03	3.00			0.00	0.00	21.39	21.60	0.00	0.00	0.00	0.00
2013-05-20 12:00	1	1.60	2.70			0.75	1.50	0.00	0.00	20.90	20.90			0.60	1.00
2013-05-20 12:00	2	0.35	0.80			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 12:00	8			10.90	13.00			0.00	0.00	20.90	20.90	0.06	0.20	0.00	0.00
2013-05-20 12:00	10			5.25	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 12:00	12	0.99	1.70	6.68	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 12:00	13			3.44	6.00			0.00	0.00	22.03	22.50	0.00	0.00	0.00	0.00
2013-05-20 13:00	2	0.49	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 13:00	8			12.50	15.00			0.00	0.00	20.90	20.90	0.09	0.20	0.00	0.00
2013-05-20 13:00	10			5.79	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 13:00	12	0.90	1.20	6.44	9.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-05-20 13:00	13			6.94	8.00			0.00	0.00	22.59	22.60	0.00	0.00	0.00	0.00