

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)
2013-06-02 14:00	1	0.21	3.80			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 14:00	7			13.74	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 14:00	8			16.64	23.00			0.00	0.00	20.90	20.90	0.08	0.20	0.00	0.00
2013-06-02 14:00	10			7.50	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-02 14:00	12	0.00	0.00	7.50	9.00			0.00	0.00	20.90	20.90			0.01	0.10
2013-06-02 15:00	1	0.14	0.70			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 15:00	7			12.88	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 15:00	8			21.22	24.00			0.00	0.00	20.89	20.90	0.05	0.20	0.04	1.00
2013-06-02 15:00	10			6.69	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-06-02 15:00	12	0.00	0.00	6.69	8.00			0.00	0.00	20.90	20.90			0.01	0.10
2013-06-02 16:00	1	0.11	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 16:00	7			12.10	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 16:00	8			20.18	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	1.60
2013-06-02 16:00	10			5.92	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2013-06-02 16:00	12	0.00	0.00	5.92	6.00			0.00	0.00	20.90	20.90			0.03	0.20
2013-06-02 17:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 17:00	7			11.26	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 17:00	8			19.16	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.24	1.00
2013-06-02 17:00	10			5.79	7.00	0.00	0.10	0.00	0.00	20.90	20.90			0.02	0.10
2013-06-02 17:00	12	0.00	0.10	5.79	7.00			0.00	0.00	20.90	20.90			0.02	0.10
2013-06-02 18:00	1	0.12	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 18:00	7			10.59	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 18:00	8			17.95	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	1.00
2013-06-02 18:00	10			6.00	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-06-02 18:00	12	0.00	0.00	6.00	8.00			0.00	0.00	20.90	20.90			0.02	0.10
2013-06-02 19:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 19:00	7			9.90	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 19:00	8			16.30	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.50
2013-06-02 19:00	10			5.95	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2013-06-02 19:00	12	0.00	0.00	5.95	7.00			0.00	0.00	20.90	20.90			0.02	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)
2013-06-02 20:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 20:00	7			9.06	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 20:00	8			15.86	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	1.00
2013-06-02 20:00	10			5.92	8.00	0.00	0.10	0.00	0.00	20.90	20.90			0.05	0.20
2013-06-02 20:00	12	0.00	0.10	5.92	8.00			0.00	0.00	20.90	20.90			0.05	0.20
2013-06-02 21:00	1	0.09	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 21:00	7			8.38	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 21:00	8			14.74	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.50
2013-06-02 21:00	10			5.28	6.00	0.00	0.10	0.00	0.00	20.90	20.90			0.05	0.40
2013-06-02 21:00	12	0.00	0.10	5.28	6.00			0.00	0.00	20.90	20.90			0.05	0.40
2013-06-02 22:00	1	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 22:00	7			8.11	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 22:00	8			14.66	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.50
2013-06-02 22:00	10			5.00	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2013-06-02 22:00	12	0.00	0.00	5.00	6.00			0.00	0.00	20.90	20.90			0.06	0.20
2013-06-02 23:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 23:00	7			7.95	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 23:00	8			13.54	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	1.00
2013-06-02 23:00	10			5.00	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.50
2013-06-02 23:00	12	0.00	0.00	5.00	6.00			0.00	0.00	20.90	20.90			0.10	0.50
2013-06-03 00:00	1	0.08	0.60			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 00:00	7			8.00	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 00:00	8			13.50	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	1.00
2013-06-03 00:00	10			5.08	7.00	0.00	0.10	0.00	0.00	20.90	20.90			0.11	0.40
2013-06-03 00:00	12	0.00	0.10	5.08	7.00			0.00	0.00	20.90	20.90			0.11	0.40
2013-06-03 01:00	1	0.16	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 01:00	7			8.00	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 01:00	8			13.05	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	1.00
2013-06-03 01:00	10			5.00	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2013-06-03 01:00	12	0.00	0.00	5.00	6.00			0.00	0.00	20.90	20.90			0.11	0.30

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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)
2013-06-03 02:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 02:00	7			7.85	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 02:00	8			12.79	16.00			0.00	0.00	20.87	20.90	0.00	0.00	0.14	0.50
2013-06-03 02:00	10			5.08	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2013-06-03 02:00	12	0.00	0.00	5.08	6.00			0.00	0.00	20.90	20.90			0.14	0.30
2013-06-03 03:00	1	0.09	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 03:00	7			7.93	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 03:00	8			12.49	15.00			0.00	0.00	20.66	20.90	0.00	0.00	0.09	1.00
2013-06-03 03:00	10			5.05	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.40
2013-06-03 03:00	12	0.00	0.00	5.05	8.00			0.00	0.00	20.90	20.90			0.13	0.40
2013-06-03 04:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 04:00	7			7.53	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 04:00	8			12.59	16.00			0.00	0.00	20.74	20.90	0.00	0.00	0.18	1.00
2013-06-03 04:00	10			4.95	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2013-06-03 04:00	12	0.00	0.00	4.95	5.00			0.00	0.00	20.90	20.90			0.16	0.40
2013-06-03 05:00	1	0.07	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 05:00	7			7.30	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 05:00	8			12.19	15.00			0.00	0.00	20.90	20.90	0.00	0.10	0.16	1.00
2013-06-03 05:00	10			5.03	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.50
2013-06-03 05:00	12	0.00	0.00	5.03	7.00			0.00	0.00	20.90	20.90			0.20	0.50
2013-06-03 06:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 06:00	2	1.15	2.50			0.00	0.00	0.00	0.00	20.90	20.90			3.95	4.20
2013-06-03 06:00	7			7.00	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 06:00	8			12.17	14.00			0.00	0.00	20.64	20.70	0.00	0.00	0.13	1.00
2013-06-03 06:00	10			5.03	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.70
2013-06-03 06:00	12	0.00	0.00	5.03	8.00			0.00	0.00	20.90	20.90			0.24	0.70
2013-06-03 06:00	13			2.00	2.00			0.00	0.00	20.73	20.90	0.00	0.00	2.73	5.50
2013-06-03 07:00	1	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 07:00	2	0.64	2.50			0.00	0.00	0.00	0.00	20.90	20.90			3.80	4.00
2013-06-03 07:00	7			7.06	8.00			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)
2013-06-03 07:00	8			12.72	15.00			0.00	0.00	20.64	20.70	0.00	0.00	0.16	1.60
2013-06-03 07:00	10			4.94	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.50
2013-06-03 07:00	12	0.00	0.00	4.94	5.00			0.00	0.00	20.90	20.90			0.14	0.50
2013-06-03 07:00	13			1.91	2.00			0.00	0.00	21.02	21.30	0.00	0.00	0.06	1.00
2013-06-03 08:00	1	0.10	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 08:00	2	0.77	2.20			0.03	0.20	0.00	0.00	20.90	20.90			0.15	0.40
2013-06-03 08:00	7			7.11	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 08:00	8			15.00	19.00			0.00	0.00	20.63	20.70	0.00	0.00	0.05	0.50
2013-06-03 08:00	10			5.14	6.00	0.01	0.10	0.00	0.00	20.90	20.90			0.05	0.20
2013-06-03 08:00	12	0.01	0.10	5.14	6.00			0.00	0.00	20.90	20.90			0.05	0.20
2013-06-03 08:00	13			1.88	2.00			0.00	0.00	21.55	21.70	0.00	0.00	0.00	0.00
2013-06-03 09:00	1	0.12	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 09:00	2	0.57	2.20			0.01	0.10	0.00	0.00	20.90	20.90			0.11	0.30
2013-06-03 09:00	7			8.00	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 09:00	8			16.56	19.00			0.00	0.00	20.86	20.90	0.00	0.00	0.01	0.50
2013-06-03 09:00	10			5.98	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2013-06-03 09:00	12	0.00	0.00	5.98	8.00			0.00	0.00	20.90	20.90			0.03	0.30
2013-06-03 09:00	13			2.37	4.00			0.00	0.00	21.93	22.20	0.00	0.10	0.00	0.00
2013-06-03 10:00	1	0.11	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 10:00	2	0.74	2.50			0.01	0.10	0.00	0.00	20.90	20.90			0.09	0.20
2013-06-03 10:00	7			9.76	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 10:00	8			16.75	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.50
2013-06-03 10:00	10			5.59	7.00	0.03	0.20	0.00	0.00	20.90	20.90			0.03	0.20
2013-06-03 10:00	12	0.03	0.20	5.59	7.00			0.00	0.00	20.90	20.90			0.03	0.20
2013-06-03 10:00	13			5.16	6.00			0.00	0.00	22.69	23.00	0.00	0.00	0.00	0.00
2013-06-03 11:00	1	0.15	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 11:00	2	0.67	2.20			0.01	0.10	0.00	0.00	20.90	20.90			0.03	0.20
2013-06-03 11:00	7			12.87	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 11:00	8			17.82	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.50
2013-06-03 11:00	10			5.64	6.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00

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2013-06-03 11:00	12	0.02	0.10	5.64	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 11:00	13			5.92	7.00			0.00	0.00	23.02	23.20	0.00	0.00	0.00	0.00
2013-06-03 12:00	1	0.23	0.80			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 12:00	2	1.01	3.50			0.02	0.20	0.00	0.00	20.90	20.90			0.05	0.20
2013-06-03 12:00	7			13.38	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 12:00	8			18.56	24.00			0.00	0.00	20.79	20.90	0.00	0.00	0.12	1.10
2013-06-03 12:00	10			6.05	7.00	0.03	0.10	0.00	0.00	20.90	20.90			0.01	0.20
2013-06-03 12:00	12	0.03	0.10	6.05	7.00			0.00	0.00	20.90	20.90			0.01	0.20
2013-06-03 12:00	13			4.95	6.00			0.00	0.00	22.69	22.80	0.00	0.00	0.00	0.00
2013-06-03 13:00	1	0.21	0.50			0.03	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 13:00	2	1.35	2.90			0.02	0.10	0.00	0.00	20.90	20.90			0.06	0.20
2013-06-03 13:00	7			12.70	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-03 13:00	8			19.27	22.00			0.00	0.00	20.62	20.70	0.00	0.00	0.07	0.50
2013-06-03 13:00	10			6.24	7.00	0.04	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 13:00	12	0.04	0.10	6.24	7.00			0.00	0.00	20.90	20.90			0.00	0.00
2013-06-03 13:00	13			4.45	6.00			0.00	0.00	22.79	22.90	0.00	0.00	0.00	0.00