

Bridgeton Sanitary Landfill  
AreaRAE Monitoring Data  
Daily Air Monitoring Results

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 14:00	1	0.17	0.70			0.00	0.00	0.00	0.00	20.73	20.90			1.09	1.40
2013-05-31 14:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.44	20.60			0.00	0.00
2013-05-31 14:00	7			11.41	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.26	1.40
2013-05-31 14:00	8			18.05	24.00			0.00	0.00	20.77	20.90	0.00	0.10	1.72	5.00
2013-05-31 14:00	10			6.29	8.00	0.00	0.00	0.00	0.00	20.59	20.90			0.03	0.20
2013-05-31 14:00	12	0.33	0.80	5.26	8.00			0.00	0.00	20.54	20.60			0.73	0.90
2013-05-31 14:00	13			2.78	3.00			0.00	0.00	20.90	20.90	0.02	0.10	0.00	0.00
2013-05-31 15:00	1	0.25	1.20			0.00	0.00	0.00	0.00	20.72	20.90			0.54	0.80
2013-05-31 15:00	2	0.08	0.50			0.00	0.10	0.00	0.00	20.39	20.50			0.00	0.00
2013-05-31 15:00	7			13.95	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.70
2013-05-31 15:00	8			19.85	27.00			0.00	0.00	20.83	20.90	0.00	0.10	0.00	0.00
2013-05-31 15:00	10			6.28	8.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2013-05-31 15:00	12	0.36	0.90	5.77	8.00			0.00	0.00	20.53	20.60			0.37	0.70
2013-05-31 15:00	13			4.03	6.00			0.00	0.00	21.59	21.90	0.01	0.10	0.00	0.00
2013-05-31 16:00	1	0.21	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.30
2013-05-31 16:00	2	0.08	0.50			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2013-05-31 16:00	7			17.51	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 16:00	8			21.19	24.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 16:00	10			7.08	9.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2013-05-31 16:00	12	0.04	0.50	7.17	28.00			0.00	0.00	20.69	20.90			0.27	0.40
2013-05-31 16:00	13			4.43	5.00			0.00	0.00	21.78	21.90	0.02	0.10	0.00	0.00
2013-05-31 17:00	1	0.25	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.20
2013-05-31 17:00	2	0.09	0.50			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2013-05-31 17:00	7			16.98	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 17:00	8			19.33	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 17:00	10			6.88	8.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2013-05-31 17:00	12	0.25	0.60	6.58	8.00			0.00	0.00	20.72	20.90			0.28	0.50
2013-05-31 17:00	13			4.68	6.00			0.00	0.00	21.78	22.20	0.01	0.10	0.00	0.00
2013-05-31 18:00	1	0.13	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.20
2013-05-31 18:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.49	20.70			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)
2013-05-31 18:00	7			18.55	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 18:00	8			21.85	29.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2013-05-31 18:00	10			7.08	8.00	0.00	0.00	0.00	0.00	20.75	20.90			0.00	0.00
2013-05-31 18:00	12	0.07	0.50	8.63	46.00			0.00	0.00	20.61	20.90			0.12	0.30
2013-05-31 18:00	13			6.64	8.00			0.00	0.00	22.33	22.50	0.03	0.10	0.00	0.00
2013-05-31 19:00	1	0.18	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.20
2013-05-31 19:00	2	0.12	0.50			0.00	0.00	0.00	0.00	20.88	20.90			0.00	0.00
2013-05-31 19:00	7			17.64	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 19:00	8			20.77	26.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-05-31 19:00	10			7.32	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2013-05-31 19:00	12	0.04	0.30	6.84	25.00			0.00	0.00	20.90	20.90			0.39	0.60
2013-05-31 19:00	13			5.00	6.00			0.00	0.00	21.83	22.20	0.01	0.10	0.00	0.00
2013-05-31 20:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.89	20.90			0.14	0.30
2013-05-31 20:00	2	0.07	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-05-31 20:00	7			18.46	23.00			0.00	0.00	20.89	20.90	0.00	0.00	0.25	2.10
2013-05-31 20:00	8			24.88	28.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.00
2013-05-31 20:00	10			7.43	9.00	0.00	0.00	0.00	0.00	20.87	20.90			0.05	0.40
2013-05-31 20:00	12	0.01	0.20	5.71	28.00			0.00	0.00	20.84	20.90			0.55	0.70
2013-05-31 20:00	13			3.52	5.00			0.00	0.00	21.34	21.60	0.00	0.10	0.00	0.00
2013-05-31 21:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.64	0.80
2013-05-31 21:00	2	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.10
2013-05-31 21:00	7			13.03	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.95	2.10
2013-05-31 21:00	8			20.86	24.00			0.00	0.00	20.90	20.90	0.00	0.00	2.00	5.80
2013-05-31 21:00	10			7.83	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.40
2013-05-31 21:00	12	0.03	0.20	5.71	8.00			0.00	0.00	20.90	20.90			0.94	1.10
2013-05-31 21:00	13			3.26	4.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2013-05-31 22:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.77	20.90			1.05	1.20
2013-05-31 22:00	2	0.07	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.10
2013-05-31 22:00	7			11.84	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.90	2.10
2013-05-31 22:00	8			20.38	23.00			0.00	0.00	20.90	20.90	0.00	0.00	9.34	12.50

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2013-05-31 22:00	10			8.67	11.00	0.00	0.00	0.00	0.00	20.90	20.90			0.22	0.60
2013-05-31 22:00	12	0.06	0.30	7.59	28.00			0.00	0.00	20.90	20.90			1.15	1.30
2013-05-31 22:00	13			4.18	5.00			0.00	0.00	20.44	20.50	0.00	0.00	0.01	0.40
2013-05-31 23:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.62	20.70			1.22	1.30
2013-05-31 23:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.62	20.90			0.09	0.10
2013-05-31 23:00	7			11.21	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.86	2.10
2013-05-31 23:00	8			19.44	20.00			0.00	0.00	20.90	20.90	0.00	0.10	12.59	14.50
2013-05-31 23:00	10			7.97	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.30	0.60
2013-05-31 23:00	12	0.06	0.50	6.95	24.00			0.00	0.00	20.90	20.90			1.14	1.30
2013-05-31 23:00	13			3.97	6.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2013-06-01 00:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.63	20.70			1.27	1.30
2013-06-01 00:00	2	0.08	0.60			0.00	0.00	0.00	0.00	20.60	20.60			0.09	0.10
2013-06-01 00:00	7			10.38	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.83	2.10
2013-06-01 00:00	8			18.97	22.00			0.00	0.00	20.90	20.90	0.00	0.00	14.79	16.20
2013-06-01 00:00	10			8.00	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.60
2013-06-01 00:00	12	0.20	0.70	5.74	8.00			0.00	0.00	20.90	20.90			1.12	1.30
2013-06-01 00:00	13			3.54	6.00			0.00	0.00	20.38	20.40	0.00	0.10	0.00	0.00
2013-06-01 01:00	1	0.09	0.40			0.00	0.00	0.00	0.00	20.62	20.70			1.07	1.20
2013-06-01 01:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.55	20.60			0.08	0.10
2013-06-01 01:00	7			10.28	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.63	1.40
2013-06-01 01:00	8			18.12	22.00			0.00	0.00	20.90	20.90	0.00	0.10	15.76	18.70
2013-06-01 01:00	10			7.85	9.00	0.00	0.00	0.00	0.00	20.63	20.70			0.30	0.80
2013-06-01 01:00	12	0.06	0.30	5.79	16.00			0.00	0.00	20.90	20.90			1.12	1.30
2013-06-01 01:00	13			3.05	4.00			0.00	0.00	20.34	20.40	0.00	0.00	0.00	0.00
2013-06-01 02:00	1	0.08	0.60			0.00	0.00	0.00	0.00	20.61	20.70			0.88	1.00
2013-06-01 02:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.53	20.60			0.10	0.10
2013-06-01 02:00	7			9.31	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.27	1.40
2013-06-01 02:00	8			16.71	19.00			0.00	0.00	20.90	20.90	0.00	0.10	23.41	25.80
2013-06-01 02:00	10			6.41	8.00	0.00	0.00	0.00	0.00	20.63	20.70			0.37	1.00
2013-06-01 02:00	12	0.07	0.40	4.95	18.00			0.00	0.00	20.90	20.90			1.16	1.30

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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)
2013-06-01 02:00	13			2.63	3.00			0.00	0.00	20.33	20.40	0.00	0.10	0.00	0.00
2013-06-01 03:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.77	0.80
2013-06-01 03:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.51	20.60			0.09	0.10
2013-06-01 03:00	7			9.15	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.37	1.40
2013-06-01 03:00	8			16.13	20.00			0.00	0.00	20.90	20.90	0.00	0.10	27.99	30.00
2013-06-01 03:00	10			5.47	7.00	0.00	0.00	0.00	0.00	20.64	20.70			0.34	0.60
2013-06-01 03:00	12	0.07	0.60	4.53	23.00			0.00	0.00	20.90	20.90			1.13	1.30
2013-06-01 03:00	13			1.97	2.00			0.00	0.00	20.40	20.40	0.01	0.10	0.00	0.00
2013-06-01 04:00	1	0.06	0.50			0.00	0.00	0.00	0.00	20.62	20.70			0.70	0.70
2013-06-01 04:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.50	20.60			0.10	0.10
2013-06-01 04:00	7			9.92	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.37	1.40
2013-06-01 04:00	8			16.20	18.00			0.00	0.00	20.90	20.90	0.00	0.00	28.82	29.50
2013-06-01 04:00	10			5.76	6.00	0.00	0.00	0.00	0.00	20.63	20.70			0.32	0.60
2013-06-01 04:00	12	0.08	0.50	4.11	6.00			0.00	0.00	20.90	20.90			1.11	1.20
2013-06-01 04:00	13			2.03	4.00			0.00	0.00	20.40	20.40	0.00	0.10	0.00	0.00
2013-06-01 05:00	1	0.11	0.90			0.00	0.00	0.00	0.00	20.63	20.70			0.70	0.70
2013-06-01 05:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.51	20.60			0.09	0.10
2013-06-01 05:00	7			9.43	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.44	1.40
2013-06-01 05:00	8			16.15	20.00			0.00	0.00	20.90	20.90	0.00	0.10	32.23	34.10
2013-06-01 05:00	10			5.85	7.00	0.00	0.00	0.00	0.00	20.67	20.90			0.35	0.90
2013-06-01 05:00	12	0.09	0.70	4.39	20.00			0.00	0.00	20.90	20.90			1.12	1.20
2013-06-01 05:00	13			2.05	4.00			0.00	0.00	20.38	20.40	0.00	0.10	0.01	0.40
2013-06-01 06:00	1	0.07	0.30			0.00	0.00	0.00	0.00	20.63	20.70			0.70	0.70
2013-06-01 06:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.53	20.60			0.08	0.10
2013-06-01 06:00	7			9.08	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.39	1.40
2013-06-01 06:00	8			16.19	20.00			0.00	0.00	20.90	20.90	0.00	0.00	31.35	33.70
2013-06-01 06:00	10			5.10	6.00	0.00	0.00	0.00	0.00	20.64	20.70			0.34	0.80
2013-06-01 06:00	12	0.10	0.60	4.77	23.00			0.00	0.00	20.90	20.90			1.10	1.20
2013-06-01 06:00	13			1.97	2.00			0.00	0.00	20.37	20.50	0.00	0.00	0.01	0.40
2013-06-01 07:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.63	20.70			0.70	0.70

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2013-06-01 07:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.59	20.60			0.07	0.10
2013-06-01 07:00	7			9.37	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	1.40
2013-06-01 07:00	8			16.47	18.00			0.00	0.00	20.90	20.90	0.00	0.00	32.38	33.70
2013-06-01 07:00	10			5.53	6.00	0.00	0.00	0.00	0.00	20.63	20.70			0.31	0.80
2013-06-01 07:00	12	0.13	0.50	4.83	24.00			0.00	0.00	20.90	20.90			1.08	1.10
2013-06-01 07:00	13			2.03	3.00			0.00	0.00	20.38	20.40	0.00	0.10	0.01	0.40
2013-06-01 08:00	1	0.05	0.60			0.00	0.00	0.00	0.00	20.65	20.70			0.74	0.90
2013-06-01 08:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.59	20.60			0.06	0.10
2013-06-01 08:00	7			9.65	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.44	2.10
2013-06-01 08:00	8			17.14	20.00			0.00	0.00	20.90	20.90	0.00	0.00	36.34	44.50
2013-06-01 08:00	10			5.95	8.00	0.00	0.00	0.00	0.00	20.61	20.70			0.41	0.80
2013-06-01 08:00	12	0.16	0.50	4.75	22.00			0.00	0.00	20.90	20.90			1.09	1.10
2013-06-01 08:00	13			2.00	2.00			0.00	0.00	20.39	20.40	0.01	0.10	0.02	0.40
2013-06-01 09:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.63	20.70			1.07	1.20
2013-06-01 09:00	7			8.95	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.70
2013-06-01 09:00	8			17.92	20.00			0.00	0.00	20.90	20.90	0.00	0.00	52.12	56.20
2013-06-01 09:00	10			5.86	6.00	0.00	0.00	0.00	0.00	20.60	20.60			0.29	0.60
2013-06-01 09:00	12	0.07	0.40	4.29	6.00			0.00	0.00	20.90	20.90			1.10	1.10
2013-06-02 08:00	2	1.36	2.90			0.00	0.00	0.00	0.00	20.90	20.90			3.74	3.90
2013-06-02 08:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	1.00
2013-06-02 09:00	1	0.80	1.20			0.05	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 09:00	7			10.00	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 10:00	1	0.66	1.30			0.05	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 10:00	7			11.49	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 11:00	1	0.69	1.60			0.06	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 11:00	7			13.13	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 11:00	8			19.86	23.00			0.00	0.00	20.90	20.90	0.11	0.20	0.00	0.00
2013-06-02 11:00	10			7.08	8.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 11:00	12	0.35	0.80	5.27	6.00			0.00	0.00	20.58	20.90			0.00	0.00
2013-06-02 12:00	1	1.56	2.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.60

Bridgeton Sanitary Landfill  
AreaRAE Monitoring Data  
Daily Air Monitoring Results

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 12:00	7			14.55	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 12:00	8			17.03	20.00			0.00	0.00	20.90	20.90	0.10	0.20	0.00	0.00
2013-06-02 12:00	10			7.34	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2013-06-02 12:00	12	0.21	0.70	6.03	8.00			0.00	0.00	20.69	20.90			0.00	0.00
2013-06-02 13:00	1	1.33	2.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 13:00	7			14.73	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2013-06-02 13:00	8			17.22	18.00			0.00	0.00	20.90	20.90	0.09	0.20	0.00	0.00
2013-06-02 13:00	10			7.33	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2013-06-02 13:00	12	0.02	0.10	7.65	31.00			0.00	0.00	20.90	20.90			0.00	0.00