

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)
2015-08-17 12:00	1	0.50	1.20			0.01	0.10	0.00	0.00	21.24	21.40			0.00	0.00
2015-08-17 12:00	10			4.24	6.00	0.00	0.00	0.00	0.00	20.72	20.90			0.00	0.00
2015-08-17 12:00	12	0.15	0.60	11.74	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 12:00	13			11.13	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 12:00	2	0.43	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.73	1.10
2015-08-17 12:00	8			9.45	11.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.10
2015-08-17 13:00	1	0.28	0.80			0.00	0.10	0.00	0.00	21.32	21.40			0.00	0.00
2015-08-17 13:00	10			4.79	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 13:00	12	0.10	0.70	15.46	28.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 13:00	13			11.85	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 13:00	2	0.43	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.76	1.10
2015-08-17 13:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 13:00	8			10.87	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2015-08-17 14:00	1	0.30	1.00			0.00	0.10	0.00	0.00	21.27	21.40			0.00	0.00
2015-08-17 14:00	10			4.51	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2015-08-17 14:00	12	0.27	1.20	15.03	34.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 14:00	13			12.72	19.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 14:00	2	0.34	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.91	1.40
2015-08-17 14:00	5			3.84	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 14:00	8			10.18	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2015-08-17 15:00	1	0.26	0.80			0.00	0.00	0.00	0.00	21.26	21.30			0.00	0.00
2015-08-17 15:00	10			5.83	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 15:00	12	0.19	0.50	16.58	21.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 15:00	13			13.00	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 15:00	2	0.41	1.20			0.00	0.00	0.00	0.00	20.90	20.90			1.16	1.70
2015-08-17 15:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 15:00	8			11.56	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2015-08-17 16:00	1	0.30	1.00			0.00	0.00	0.00	0.00	21.13	21.20			0.00	0.00
2015-08-17 16:00	10			7.00	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 16:00	12	0.05	0.30	18.12	35.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 16:00	13			13.79	16.00			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)
2015-08-17 16:00	2	0.55	1.40			0.00	0.00	0.00	0.00	20.90	20.90			1.33	1.70
2015-08-17 16:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 16:00	8			11.22	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.20
2015-08-17 17:00	1	0.19	0.90			0.00	0.00	0.00	0.00	21.12	21.20			0.00	0.00
2015-08-17 17:00	10			7.86	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 17:00	12	0.00	0.00	14.53	18.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 17:00	13			11.56	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 17:00	2	0.38	0.80			0.00	0.00	0.00	0.00	20.90	20.90			1.63	2.00
2015-08-17 17:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 17:00	8			10.82	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.20
2015-08-17 18:00	1	0.23	0.90			0.00	0.00	0.00	0.00	20.97	21.10			0.00	0.00
2015-08-17 18:00	10			6.62	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 18:00	12	0.00	0.00	10.32	27.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 18:00	13			7.21	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 18:00	2	0.56	1.10			0.00	0.00	0.00	0.00	20.90	20.90			1.78	2.30
2015-08-17 18:00	5			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 18:00	8			9.02	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2015-08-17 19:00	1	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 19:00	10			5.88	10.00	0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2015-08-17 19:00	12	0.00	0.00	6.81	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 19:00	13			5.33	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 19:00	2	0.50	1.10			0.00	0.00	0.00	0.00	20.90	20.90			1.94	2.60
2015-08-17 19:00	5			3.83	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 19:00	8			7.86	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2015-08-17 20:00	1	0.08	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.40
2015-08-17 20:00	10			5.15	7.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2015-08-17 20:00	12	0.00	0.00	4.66	24.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 20:00	13			3.83	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 20:00	2	0.56	1.10			0.00	0.00	0.00	0.00	20.90	20.90			2.55	2.80
2015-08-17 20:00	5			4.45	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 20:00	8			6.60	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.30

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2015-08-17 21:00	1	0.31	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2015-08-17 21:00	10			4.13	7.00	0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2015-08-17 21:00	12	0.00	0.10	2.68	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 21:00	13			3.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 21:00	2	0.71	1.10			0.00	0.00	0.00	0.00	20.90	20.90			2.67	3.10
2015-08-17 21:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 21:00	8			6.26	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	0.30
2015-08-17 22:00	1	0.26	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2015-08-17 22:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.43	20.50			0.00	0.00
2015-08-17 22:00	12	0.00	0.10	3.37	24.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 22:00	13			2.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 22:00	2	0.69	1.20			0.00	0.00	0.00	0.00	20.90	20.90			2.66	3.10
2015-08-17 22:00	5			4.13	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 22:00	8			5.60	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.30
2015-08-17 23:00	1	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 23:00	10			3.93	4.00	0.00	0.00	0.00	0.00	20.47	20.50			0.00	0.00
2015-08-17 23:00	12	0.00	0.00	2.65	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-17 23:00	13			2.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 23:00	2	0.59	1.00			0.00	0.00	0.00	0.00	20.90	20.90			2.74	3.40
2015-08-17 23:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-17 23:00	8			5.63	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.20
2015-08-18 00:00	1	0.18	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 00:00	10			4.05	5.00	0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2015-08-18 00:00	12	0.00	0.00	2.55	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 00:00	13			2.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 00:00	2	0.55	1.00			0.00	0.00	0.00	0.00	20.90	20.90			2.74	3.10
2015-08-18 00:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 00:00	8			6.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.30
2015-08-18 01:00	1	0.19	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.20
2015-08-18 01:00	10			3.95	5.00	0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2015-08-18 01:00	12	0.00	0.00	2.95	9.00			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)
2015-08-18 01:00	13			2.65	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 01:00	2	0.51	1.20			0.00	0.00	0.00	0.00	20.90	20.90			2.76	3.10
2015-08-18 01:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 01:00	8			6.95	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.30
2015-08-18 02:00	1	0.13	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.40
2015-08-18 02:00	10			3.80	4.00	0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2015-08-18 02:00	12	0.00	0.00	3.15	25.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 02:00	13			2.54	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 02:00	2	0.54	0.90			0.00	0.00	0.00	0.00	20.90	20.90			2.75	3.10
2015-08-18 02:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 02:00	8			7.88	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.30
2015-08-18 03:00	1	0.18	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 03:00	10			3.26	4.00	0.00	0.00	0.00	0.00	20.45	20.50			0.00	0.00
2015-08-18 03:00	12	0.00	0.00	3.15	32.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 03:00	13			2.29	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 03:00	2	0.56	0.80			0.00	0.00	0.00	0.00	20.90	20.90			2.82	3.40
2015-08-18 03:00	5			3.97	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 03:00	8			8.17	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.30
2015-08-18 04:00	1	0.17	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 04:00	10			3.10	4.00	0.00	0.00	0.00	0.00	20.43	20.50			0.00	0.00
2015-08-18 04:00	12	0.00	0.00	2.26	5.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 04:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 04:00	2	0.63	1.10			0.00	0.00	0.00	0.00	20.90	20.90			2.92	3.40
2015-08-18 04:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 04:00	8			8.30	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.30
2015-08-18 05:00	1	0.18	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 05:00	10			3.02	4.00	0.00	0.00	0.00	0.00	20.44	20.50			0.00	0.00
2015-08-18 05:00	12	0.00	0.10	2.15	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 05:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 05:00	2	0.58	1.10			0.00	0.00	0.00	0.00	20.90	20.90			3.05	3.40
2015-08-18 05:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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2015-08-18 05:00	8			9.00	11.00			0.00	0.00	20.84	20.90	0.00	0.00	0.18	0.30
2015-08-18 06:00	1	0.18	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 06:00	10			2.95	4.00	0.00	0.00	0.00	0.00	20.45	20.50			0.00	0.00
2015-08-18 06:00	12	0.01	0.20	3.02	39.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 06:00	13			2.16	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 06:00	2	0.73	1.50			0.00	0.00	0.00	0.00	20.90	20.90			3.13	3.40
2015-08-18 06:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 06:00	8			10.13	12.00			0.00	0.00	20.78	20.90	0.00	0.00	0.18	0.20
2015-08-18 07:00	1	0.21	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 07:00	10			3.00	4.00	0.00	0.00	0.00	0.00	20.44	20.50			0.00	0.00
2015-08-18 07:00	12	0.01	0.10	2.13	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 07:00	13			2.11	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 07:00	2	0.76	1.40			0.00	0.00	0.00	0.00	20.77	20.90			2.85	3.10
2015-08-18 07:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 07:00	8			11.78	15.00			0.00	0.00	20.87	20.90	0.00	0.00	0.15	0.20
2015-08-18 08:00	1	0.21	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.20
2015-08-18 08:00	10			3.59	4.00	0.00	0.00	0.00	0.00	20.48	20.50			0.00	0.00
2015-08-18 08:00	12	0.05	0.90	2.71	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 08:00	13			2.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 08:00	2	0.67	1.40			0.00	0.00	0.00	0.00	20.70	20.90			2.44	2.80
2015-08-18 08:00	5			4.00	5.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2015-08-18 08:00	8			13.02	16.00			0.00	0.00	20.84	20.90	0.00	0.00	0.12	0.20
2015-08-18 09:00	1	0.26	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 09:00	10			3.60	4.00	0.00	0.00	0.00	0.00	20.46	20.50			0.00	0.00
2015-08-18 09:00	12	0.03	0.20	5.22	25.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 09:00	13			3.89	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 09:00	2	0.61	1.10			0.00	0.00	0.00	0.00	20.90	20.90			1.92	2.60
2015-08-18 09:00	5			4.08	5.00			0.00	0.00	20.63	20.70	0.00	0.00	0.00	0.00
2015-08-18 09:00	8			13.90	16.00			0.00	0.00	20.77	20.90	0.00	0.00	0.09	0.20
2015-08-18 10:00	1	0.29	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 10:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.47	20.60			0.00	0.00

Bridgeton Sanitary Landfill  
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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)
2015-08-18 10:00	12	0.02	0.30	7.98	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 10:00	13			5.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 10:00	2	0.44	0.70			0.00	0.00	0.00	0.00	20.90	20.90			1.67	2.00
2015-08-18 10:00	5			4.05	5.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2015-08-18 11:00	10			4.05	6.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2015-08-18 11:00	12	0.04	0.40	7.77	19.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 12:00	10			4.02	5.00	0.00	0.00	0.00	0.00	20.54	20.70			0.00	0.00
2015-08-18 12:00	12	0.07	0.40	9.49	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-18 13:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.50	1.00
2015-08-18 13:00	10			6.13	10.00	0.00	0.00	0.00	0.00	20.77	20.90			0.00	0.00
2015-08-18 13:00	12	0.01	0.10	14.88	41.00			0.00	0.00	20.90	20.90			0.06	0.10
2015-08-18 13:00	13			19.37	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 13:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.96	21.90			0.88	1.90
2015-08-18 13:00	5			4.54	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 13:00	8			18.26	38.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2015-08-18 14:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.41	0.80
2015-08-18 14:00	10			6.24	10.00	0.00	0.00	0.00	0.00	20.74	20.90			0.00	0.00
2015-08-18 14:00	12	0.01	0.20	6.97	13.00			0.00	0.00	20.90	20.90			0.20	0.40
2015-08-18 14:00	13			6.59	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 14:00	2	0.06	0.50			0.00	0.00	0.00	0.00	20.95	21.50			2.05	2.90
2015-08-18 14:00	5			5.11	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 14:00	8			22.42	40.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.30
2015-08-18 15:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.80
2015-08-18 15:00	10			4.92	7.00	0.00	0.00	0.00	0.00	20.72	20.90			0.00	0.00
2015-08-18 15:00	12	0.00	0.00	6.85	23.00			0.00	0.00	20.90	20.90			0.14	0.20
2015-08-18 15:00	13			5.51	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 15:00	2	0.04	0.80			0.00	0.00	0.52	3.60	20.94	21.60			1.98	3.20
2015-08-18 15:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 15:00	8			18.82	29.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.30
2015-08-18 16:00	1	0.00	0.10			0.00	0.00	1.70	3.30	20.90	20.90			0.04	0.50
2015-08-18 16:00	10			6.13	8.00	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)
2015-08-18 16:00	12	0.00	0.00	4.68	6.00			0.00	0.00	20.90	20.90			0.23	0.30
2015-08-18 16:00	13			4.29	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2015-08-18 16:00	2	0.06	0.50			0.00	0.00	4.23	4.70	20.95	21.30			3.49	3.90
2015-08-18 16:00	5			6.32	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 16:00	8			22.43	32.00			1.18	3.20	20.90	20.90	0.00	0.00	0.22	0.30
2015-08-18 17:00	1	0.02	0.20			0.00	0.00	3.33	3.40	20.90	20.90			0.02	0.20
2015-08-18 17:00	10			4.14	5.00	0.00	0.00	0.00	0.00	20.55	20.90			0.00	0.00
2015-08-18 17:00	12	0.01	0.20	3.97	27.00			0.00	0.00	20.90	20.90			0.40	0.40
2015-08-18 17:00	13			3.14	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2015-08-18 17:00	2	0.21	0.80			0.00	0.00	4.27	4.70	20.90	20.90			3.48	3.90
2015-08-18 17:00	5			4.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 17:00	8			14.44	21.00			3.12	3.30	20.90	20.90	0.00	0.00	0.22	0.40
2015-08-18 18:00	1	0.02	0.20			0.00	0.00	3.26	3.40	20.90	20.90			0.00	0.20
2015-08-18 18:00	10			3.75	6.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2015-08-18 18:00	12	0.00	0.00	4.38	24.00			0.00	0.00	20.90	20.90			0.41	0.50
2015-08-18 18:00	13			3.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-18 18:00	2	0.09	0.50			0.00	0.00	4.14	4.30	20.90	20.90			3.27	3.90
2015-08-18 18:00	5			4.49	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 18:00	8			13.93	16.00			3.05	3.20	20.90	20.90	0.00	0.00	0.20	0.30
2015-08-18 19:00	1	0.04	0.30			0.00	0.00	3.34	3.40	20.60	20.60			0.00	0.20
2015-08-18 19:00	10			4.24	6.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2015-08-18 19:00	12	0.01	0.20	3.81	18.00			0.00	0.00	20.90	20.90			0.51	0.60
2015-08-18 19:00	13			3.26	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2015-08-18 19:00	2	0.14	0.70			0.00	0.00	4.36	4.40	20.90	20.90			3.54	3.90
2015-08-18 19:00	5			4.86	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 19:00	8			14.67	20.00			3.21	3.30	20.90	20.90	0.00	0.00	0.19	0.30
2015-08-18 20:00	1	0.03	0.30			0.00	0.00	3.32	3.40	20.60	20.70			0.00	0.20
2015-08-18 20:00	10			3.35	4.00	0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2015-08-18 20:00	12	0.00	0.00	2.77	26.00			0.00	0.00	20.90	20.90			0.59	0.60
2015-08-18 20:00	13			2.14	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-18 20:00	2	0.11	0.40			0.00	0.00	4.28	4.40	20.90	20.90			3.35	3.90

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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)
2015-08-18 20:00	5			4.12	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 20:00	8			12.34	16.00			3.14	3.20	20.90	20.90	0.00	0.00	0.19	0.30
2015-08-18 21:00	1	0.04	0.50			0.00	0.00	3.24	3.30	20.60	20.70			0.00	0.00
2015-08-18 21:00	10			3.05	4.00	0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2015-08-18 21:00	12	0.00	0.00	1.95	3.00			0.00	0.00	20.90	20.90			0.58	0.60
2015-08-18 21:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-18 21:00	2	0.09	0.60			0.00	0.00	4.23	4.30	20.90	20.90			3.41	3.90
2015-08-18 21:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 21:00	8			13.23	16.00			3.08	3.20	20.75	20.90	0.00	0.00	0.19	0.30
2015-08-18 22:00	1	0.02	0.20			0.00	0.00	3.23	3.30	20.60	20.60			0.00	0.00
2015-08-18 22:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2015-08-18 22:00	12	0.01	0.20	1.92	2.00			0.00	0.00	20.90	20.90			0.52	0.60
2015-08-18 22:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-18 22:00	2	0.09	0.60			0.00	0.00	4.27	4.30	21.00	21.40			3.40	3.90
2015-08-18 22:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 22:00	8			13.59	15.00			3.05	3.10	20.84	20.90	0.00	0.00	0.20	0.30
2015-08-18 23:00	1	0.05	0.30			0.00	0.00	3.20	3.30	20.60	20.60			0.00	0.00
2015-08-18 23:00	10			3.00	4.00	0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2015-08-18 23:00	12	0.01	0.20	1.90	3.00			0.00	0.00	20.90	20.90			0.50	0.60
2015-08-18 23:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-18 23:00	2	0.09	0.50			0.00	0.00	4.23	4.30	20.90	21.10			3.30	3.90
2015-08-18 23:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-18 23:00	8			14.62	16.00			3.02	3.10	20.84	20.90	0.00	0.00	0.21	0.40
2015-08-19 00:00	1	0.01	0.20			0.00	0.00	3.26	3.50	20.60	20.70			0.00	0.00
2015-08-19 00:00	10			3.47	4.00	0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2015-08-19 00:00	12	0.00	0.00	2.54	4.00			0.00	0.00	20.90	20.90			0.44	0.50
2015-08-19 00:00	13			2.51	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-19 00:00	2	0.08	0.60			0.00	0.00	4.35	4.70	20.91	21.30			3.38	3.90
2015-08-19 00:00	5			4.24	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 00:00	8			17.78	25.00			3.02	3.20	20.86	20.90	0.00	0.00	0.19	0.30
2015-08-19 01:00	1	0.02	0.20			0.00	0.00	3.61	3.80	20.89	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)
2015-08-19 01:00	10			4.03	6.00	0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2015-08-19 01:00	12	0.00	0.00	3.53	5.00			0.00	0.00	20.90	20.90			0.47	0.50
2015-08-19 01:00	13			3.38	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.10
2015-08-19 01:00	2	0.08	0.50			0.00	0.00	4.84	5.00	20.90	20.90			3.77	4.20
2015-08-19 01:00	5			5.43	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 01:00	8			21.45	25.00			3.40	3.70	20.90	20.90	0.00	0.00	0.23	0.40
2015-08-19 02:00	1	0.00	0.10			0.00	0.00	3.80	3.90	20.63	20.90			0.00	0.00
2015-08-19 02:00	10			3.95	4.00	0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2015-08-19 02:00	12	0.00	0.00	3.57	20.00			0.00	0.00	20.90	20.90			0.50	0.60
2015-08-19 02:00	13			3.11	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2015-08-19 02:00	2	0.10	0.60			0.00	0.00	4.99	5.00	21.19	21.60			3.91	4.50
2015-08-19 02:00	5			5.06	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 02:00	8			19.49	21.00			3.67	3.80	20.89	20.90	0.00	0.00	0.25	0.40
2015-08-19 03:00	1	0.01	0.20			0.00	0.00	3.89	3.90	20.60	20.60			0.00	0.00
2015-08-19 03:00	10			2.95	4.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2015-08-19 03:00	12	0.00	0.10	2.30	4.00			0.00	0.00	20.90	20.90			0.51	0.60
2015-08-19 03:00	13			2.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2015-08-19 03:00	2	0.15	0.60			0.00	0.00	5.02	5.10	21.08	21.60			3.97	4.20
2015-08-19 03:00	5			4.15	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 03:00	8			18.03	20.00			3.70	3.80	20.90	20.90	0.00	0.00	0.24	0.40
2015-08-19 04:00	1	0.01	0.10			0.00	0.00	3.90	3.90	20.59	20.70			0.00	0.00
2015-08-19 04:00	10			2.49	3.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2015-08-19 04:00	12	0.01	0.10	1.92	4.00			0.00	0.00	20.90	20.90			0.49	0.50
2015-08-19 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2015-08-19 04:00	2	0.15	0.50			0.00	0.00	5.02	5.10	20.99	21.60			4.01	4.50
2015-08-19 04:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 04:00	8			16.90	19.00			3.71	3.80	20.90	20.90	0.00	0.00	0.25	0.40
2015-08-19 05:00	1	0.01	0.10			0.00	0.00	3.90	3.90	20.59	20.60			0.00	0.00
2015-08-19 05:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2015-08-19 05:00	12	0.00	0.10	1.74	10.00			0.00	0.00	20.90	20.90			0.50	0.50
2015-08-19 05:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.10

Bridgeton Sanitary Landfill  
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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)
2015-08-19 05:00	2	0.11	0.60			0.00	0.00	4.98	5.10	20.98	21.50			3.93	4.50
2015-08-19 05:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 05:00	8			16.98	20.00			3.70	3.80	20.89	21.40	0.00	0.00	0.25	0.40
2015-08-19 06:00	1	0.03	0.40			0.00	0.00	3.82	3.90	20.59	20.60			0.00	0.00
2015-08-19 06:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2015-08-19 06:00	12	0.00	0.10	1.59	3.00			0.00	0.00	20.90	20.90			0.50	0.50
2015-08-19 06:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2015-08-19 06:00	2	0.25	1.40			0.00	0.00	4.90	5.00	20.90	20.90			3.84	4.20
2015-08-19 06:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 06:00	8			18.89	21.00			3.58	3.70	20.79	20.90	0.00	0.00	0.23	0.40
2015-08-19 07:00	1	0.07	0.40			0.00	0.00	3.63	3.80	20.56	20.60			0.00	0.00
2015-08-19 07:00	10			2.21	3.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2015-08-19 07:00	12	0.01	0.10	1.67	4.00			0.00	0.00	20.90	20.90			0.47	0.50
2015-08-19 07:00	13			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-19 07:00	2	0.29	1.10			0.00	0.00	4.57	4.80	20.91	21.20			3.49	3.90
2015-08-19 07:00	5			4.13	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2015-08-19 07:00	8			20.28	24.00			3.36	3.50	20.82	20.90	0.00	0.00	0.25	0.40
2015-08-19 08:00	1	0.07	0.40			0.00	0.00	3.30	3.50	20.58	20.60			0.00	0.00
2015-08-19 08:00	10			3.44	5.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2015-08-19 08:00	12	0.02	0.30	2.31	16.00			0.00	0.00	20.90	20.90			0.41	0.50
2015-08-19 08:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 08:00	2	0.16	0.60			0.00	0.00	3.87	4.20	20.90	20.90			2.93	3.50
2015-08-19 08:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 08:00	8			18.23	24.00			2.85	3.20	20.76	20.90	0.00	0.00	0.19	0.30
2015-08-19 09:00	1	0.06	0.30			0.00	0.00	3.16	3.20	20.60	20.70			0.00	0.00
2015-08-19 09:00	10			3.59	4.00	0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2015-08-19 09:00	12	0.01	0.10	2.64	4.00			0.00	0.00	20.90	20.90			0.24	0.40
2015-08-19 09:00	13			2.16	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 09:00	2	0.12	0.60			0.00	0.00	3.66	3.80	20.90	20.90			2.87	3.90
2015-08-19 09:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2015-08-19 09:00	8			19.68	23.00			2.49	2.70	20.90	20.90	0.00	0.00	0.17	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)
2015-08-19 10:00	1	0.04	0.40			0.00	0.00	3.13	3.20	20.62	20.70			0.00	0.00
2015-08-19 10:00	10			2.95	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 10:00	12	0.01	0.10	3.10	5.00			0.00	0.00	20.90	20.90			0.20	0.20
2015-08-19 10:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 10:00	2	0.10	0.50			0.00	0.00	3.74	3.90	20.90	20.90			2.90	3.50
2015-08-19 10:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 10:00	8			21.88	25.00			1.72	2.40	20.90	20.90	0.00	0.00	0.15	0.40
2015-08-19 11:00	1	0.05	0.50			0.00	0.00	3.26	3.40	20.62	20.70			0.00	0.00
2015-08-19 11:00	10			3.94	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 11:00	12	0.00	0.00	2.63	4.00			0.00	0.00	20.90	20.90			0.20	0.20
2015-08-19 11:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-19 11:00	2	0.18	1.10			0.00	0.00	4.30	4.40	20.90	20.90			3.24	3.90
2015-08-19 11:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 11:00	8			20.95	26.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.10
2015-08-19 12:00	1	0.02	0.20			0.00	0.00	3.22	3.40	20.61	20.70			0.00	0.00
2015-08-19 12:00	10			3.62	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 12:00	12	0.01	0.10	2.55	6.00			0.00	0.00	20.90	20.90			0.15	0.20
2015-08-19 12:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-19 12:00	2	0.16	0.70			0.00	0.00	3.98	4.30	20.90	20.90			3.10	3.50
2015-08-19 12:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 12:00	8			18.95	29.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.10
2015-08-19 13:00	1	0.06	0.50			0.00	0.00	2.80	3.00	20.79	20.90			0.00	0.00
2015-08-19 13:00	10			3.62	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 13:00	12	0.02	0.40	2.78	4.00			0.00	0.00	20.90	20.90			0.09	0.10
2015-08-19 13:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2015-08-19 13:00	2	0.11	0.40			0.00	0.00	3.31	3.60	20.89	20.90			2.75	3.20
2015-08-19 13:00	5			4.22	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 13:00	8			21.20	25.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2015-08-19 14:00	1	0.04	0.20			0.00	0.00	2.85	3.00	20.90	20.90			0.00	0.00
2015-08-19 14:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 14:00	12	0.00	0.10	3.03	4.00			0.00	0.00	20.90	20.90			0.07	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)
2015-08-19 14:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2015-08-19 14:00	2	0.06	0.30			0.00	0.00	3.54	3.90	20.93	21.30			2.79	3.50
2015-08-19 14:00	5			4.14	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 14:00	8			23.23	28.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 15:00	1	0.04	0.40			0.00	0.00	3.14	3.20	20.90	20.90			0.00	0.00
2015-08-19 15:00	10			3.56	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 15:00	12	0.01	0.20	2.86	4.00			0.00	0.00	20.90	20.90			0.06	0.10
2015-08-19 15:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2015-08-19 15:00	2	0.28	3.70			0.00	0.00	4.10	4.20	20.92	21.30			3.28	3.90
2015-08-19 15:00	5			4.26	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 15:00	8			19.15	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 16:00	1	0.05	0.40			0.00	0.00	3.20	3.20	20.90	20.90			0.00	0.00
2015-08-19 16:00	10			3.02	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 16:00	12	0.00	0.00	2.51	4.00			0.00	0.00	20.90	20.90			0.09	0.10
2015-08-19 16:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2015-08-19 16:00	2	0.15	0.70			0.00	0.00	4.14	4.30	20.90	20.90			3.32	3.90
2015-08-19 16:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 16:00	8			17.63	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 17:00	1	0.03	0.50			0.00	0.00	3.20	3.20	20.90	20.90			0.00	0.00
2015-08-19 17:00	10			3.76	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 17:00	12	0.00	0.00	2.75	4.00			0.00	0.00	20.90	20.90			0.08	0.10
2015-08-19 17:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2015-08-19 17:00	2	0.15	1.10			0.00	0.00	3.94	4.20	20.90	20.90			3.11	3.90
2015-08-19 17:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 17:00	8			19.40	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2015-08-19 18:00	1	0.01	0.20			0.00	0.00	3.28	3.40	20.90	20.90			0.00	0.00
2015-08-19 18:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 18:00	12	0.00	0.00	2.33	18.00			0.00	0.00	20.90	20.90			0.05	0.10
2015-08-19 18:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2015-08-19 18:00	2	0.07	0.50			0.00	0.00	4.30	4.50	20.90	20.90			3.42	3.90
2015-08-19 18:00	5			4.05	6.00			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)
2015-08-19 18:00	8			17.00	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2015-08-19 19:00	1	0.01	0.20			0.00	0.00	3.45	3.50	20.90	20.90			0.00	0.00
2015-08-19 19:00	10			3.31	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 19:00	12	0.00	0.00	2.50	25.00			0.00	0.00	20.90	20.90			0.08	0.10
2015-08-19 19:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2015-08-19 19:00	2	0.09	0.40			0.00	0.00	4.69	4.90	20.99	21.40			3.67	3.90
2015-08-19 19:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 19:00	8			20.93	24.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2015-08-19 20:00	1	0.02	0.30			0.00	0.00	3.64	3.70	20.90	20.90			0.00	0.00
2015-08-19 20:00	10			2.63	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 20:00	12	0.00	0.10	2.23	22.00			0.00	0.00	20.90	20.90			0.10	0.10
2015-08-19 20:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2015-08-19 20:00	2	0.12	0.50			0.00	0.00	4.94	5.00	21.06	21.30			3.81	3.90
2015-08-19 20:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2015-08-19 20:00	8			19.24	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 21:00	1	0.01	0.30			0.00	0.00	3.81	3.90	20.90	20.90			0.00	0.00
2015-08-19 21:00	10			2.80	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 21:00	12	0.00	0.10	2.00	17.00			0.00	0.00	20.90	20.90			0.14	0.20
2015-08-19 21:00	13			1.89	2.00			0.00	0.00	20.90	20.90	0.00	0.10	0.07	0.20
2015-08-19 21:00	2	0.29	3.50			0.00	0.00	5.13	5.30	21.08	21.30			4.00	4.90
2015-08-19 21:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 21:00	8			16.82	18.00			0.00	0.00	20.95	22.20	0.00	0.00	0.00	0.10
2015-08-19 22:00	1	0.01	0.10			0.00	0.00	3.90	3.90	20.71	20.90			0.00	0.00
2015-08-19 22:00	10			2.76	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-19 22:00	12	0.00	0.00	1.18	2.00			0.00	0.00	20.90	20.90			0.19	0.20
2015-08-19 22:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.10
2015-08-19 22:00	2	0.14	0.60			0.00	0.00	5.37	5.50	21.18	21.30			4.14	4.90
2015-08-19 22:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-19 22:00	8			15.74	17.00			0.00	0.00	20.91	21.40	0.00	0.00	0.01	0.10
2015-08-19 23:00	1	0.01	0.30			0.00	0.00	3.96	4.00	20.66	20.70			0.00	0.00
2015-08-19 23:00	10			2.11	3.00	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)
2015-08-19 23:00	12	0.01	0.40	2.05	20.00			0.00	0.00	20.90	20.90			0.20	0.20
2015-08-19 23:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.10
2015-08-19 23:00	2	0.19	1.10			0.00	0.00	5.53	5.60	21.09	21.30			4.25	4.90
2015-08-19 23:00	5			4.03	5.00			0.00	0.00	21.03	21.80	0.00	0.00	0.00	0.00
2015-08-19 23:00	8			14.02	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 00:00	1	0.00	0.10			0.00	0.00	4.05	4.10	20.63	20.70			0.00	0.00
2015-08-20 00:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 00:00	12	0.02	0.30	1.58	15.00			0.00	0.00	20.90	20.90			0.20	0.30
2015-08-20 00:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.10
2015-08-20 00:00	2	0.14	0.60			0.00	0.00	5.62	5.70	21.00	21.20			4.41	4.90
2015-08-20 00:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 00:00	8			12.67	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 01:00	1	0.01	0.10			0.00	0.00	4.11	4.20	20.60	20.60			0.00	0.00
2015-08-20 01:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 01:00	12	0.01	0.10	1.26	3.00			0.00	0.00	20.90	20.90			0.22	0.30
2015-08-20 01:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2015-08-20 01:00	2	0.16	0.50			0.00	0.00	5.68	5.70	21.01	21.20			4.53	4.90
2015-08-20 01:00	5			4.00	4.00			0.00	0.00	20.97	21.90	0.00	0.00	0.00	0.00
2015-08-20 01:00	8			12.35	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2015-08-20 02:00	1	0.03	0.30			0.00	0.00	4.18	4.20	20.60	20.70			0.00	0.00
2015-08-20 02:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 02:00	12	0.01	0.10	1.21	2.00			0.00	0.00	20.90	20.90			0.21	0.30
2015-08-20 02:00	13			1.87	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.20
2015-08-20 02:00	2	0.16	0.50			0.00	0.00	5.70	5.80	21.01	21.30			4.53	4.90
2015-08-20 02:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 02:00	8			12.00	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-20 03:00	1	0.01	0.20			0.00	0.00	4.20	4.20	20.66	20.90			0.00	0.00
2015-08-20 03:00	10			2.02	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 03:00	12	0.01	0.20	1.59	18.00			0.00	0.00	20.90	20.90			0.26	0.30
2015-08-20 03:00	13			1.73	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.20
2015-08-20 03:00	2	0.16	0.60			0.00	0.00	5.81	6.00	20.99	21.20			4.65	4.90

Bridgeton Sanitary Landfill  
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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)
2015-08-20 03:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 03:00	8			11.59	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2015-08-20 04:00	1	0.00	0.10			0.00	0.00	4.23	4.30	20.59	20.60			0.00	0.00
2015-08-20 04:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 04:00	12	0.01	0.20	1.10	2.00			0.00	0.00	20.90	20.90			0.28	0.30
2015-08-20 04:00	13			1.95	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2015-08-20 04:00	2	0.15	0.50			0.00	0.00	5.88	6.00	20.97	21.20			4.64	4.90
2015-08-20 04:00	5			4.14	6.00			0.00	0.00	20.91	21.30	0.00	0.00	0.00	0.00
2015-08-20 04:00	8			11.67	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2015-08-20 05:00	1	0.02	0.20			0.00	0.00	4.30	4.40	20.73	20.90			0.00	0.00
2015-08-20 05:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 05:00	12	0.01	0.10	1.08	2.00			0.00	0.00	20.90	20.90			0.28	0.30
2015-08-20 05:00	13			1.78	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2015-08-20 05:00	2	0.21	0.60			0.00	0.00	6.01	6.10	20.96	21.30			4.70	4.90
2015-08-20 05:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 05:00	8			11.60	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2015-08-20 06:00	1	0.01	0.10			0.00	0.00	4.34	4.40	20.90	20.90			0.00	0.00
2015-08-20 06:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 06:00	12	0.02	0.30	1.57	8.00			0.00	0.00	20.90	20.90			0.24	0.30
2015-08-20 06:00	13			1.89	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.20
2015-08-20 06:00	2	0.25	0.60			0.00	0.00	6.02	6.10	20.96	21.50			4.68	4.90
2015-08-20 06:00	5			3.86	4.00			0.00	0.00	21.03	21.90	0.00	0.00	0.00	0.00
2015-08-20 06:00	8			11.13	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-20 07:00	1	0.05	0.80			0.00	0.00	4.18	4.30	20.88	20.90			0.00	0.00
2015-08-20 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 07:00	12	0.03	0.30	1.18	3.00			0.00	0.00	20.90	20.90			0.25	0.30
2015-08-20 07:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.10
2015-08-20 07:00	2	0.24	0.70			0.00	0.00	5.67	6.00	20.93	21.90			4.43	4.90
2015-08-20 07:00	5			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 07:00	8			11.27	13.00			0.00	0.00	20.89	20.90	0.00	0.00	0.03	0.20
2015-08-20 08:00	1	0.06	1.10			0.00	0.00	3.95	4.10	20.74	20.90			0.00	0.00

Bridgeton Sanitary Landfill  
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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)
2015-08-20 08:00	10			2.18	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 08:00	12	0.06	0.40	1.44	3.00			0.00	0.00	20.90	20.90			0.20	0.30
2015-08-20 08:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-08-20 08:00	2	0.24	0.90			0.00	0.00	4.73	5.40	20.90	20.90			3.60	4.20
2015-08-20 08:00	5			4.14	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 08:00	8			14.00	16.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.00
2015-08-20 09:00	1	0.04	0.40			0.00	0.00	3.66	3.90	20.62	20.70			0.00	0.00
2015-08-20 09:00	10			2.74	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 09:00	12	0.06	0.50	3.67	26.00			0.00	0.00	20.90	20.90			0.13	0.20
2015-08-20 09:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 09:00	2	0.18	0.70			0.00	0.00	3.90	4.20	20.90	20.90			2.85	3.50
2015-08-20 09:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 09:00	8			18.26	22.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2015-08-20 10:00	1	0.08	0.50			0.00	0.00	3.23	3.50	20.62	20.70			0.01	0.20
2015-08-20 10:00	10			3.71	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 10:00	12	0.02	0.30	3.62	5.00			0.00	0.00	20.90	20.90			0.07	0.10
2015-08-20 10:00	13			2.36	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 10:00	2	0.16	0.60			0.00	0.00	3.28	3.60	20.91	21.20			2.44	3.20
2015-08-20 10:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 10:00	8			17.53	23.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.00
2015-08-20 11:00	1	0.19	0.60			0.00	0.00	2.00	2.80	20.71	20.90			0.00	0.00
2015-08-20 11:00	10			4.48	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 11:00	12	0.03	0.20	3.65	19.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 11:00	13			2.73	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 11:00	2	0.11	0.50			0.00	0.00	2.77	3.00	20.90	20.90			2.09	2.50
2015-08-20 11:00	5			3.95	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 11:00	8			16.88	22.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2015-08-20 12:00	1	0.14	0.60			0.00	0.00	0.80	1.40	20.90	20.90			0.00	0.00
2015-08-20 12:00	10			4.34	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 12:00	12	0.01	0.20	4.54	8.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-08-20 12:00	13			2.98	3.00			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)
2015-08-20 12:00	2	0.14	1.00			0.00	0.00	2.48	2.70	20.90	20.90			1.90	2.50
2015-08-20 12:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-08-20 12:00	8			15.65	21.00			0.00	0.00	20.88	20.90	0.00	0.00	0.00	0.00