

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)
2016-05-16 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.30	1.00
2016-05-16 12:00	2	0.41	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.62	0.80
2016-05-16 12:00	5			3.83	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-05-16 12:00	8			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.10
2016-05-16 12:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 12:00	12	0.00	0.00	2.85	3.00			0.00	0.00	20.90	20.90			0.79	0.90
2016-05-16 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.40
2016-05-16 13:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.44	1.70
2016-05-16 13:00	2	0.53	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.87	1.10
2016-05-16 13:00	5			4.05	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-05-16 13:00	8			2.37	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-16 13:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 13:00	12	0.00	0.00	2.94	4.00			0.00	0.00	20.90	20.90			0.87	1.10
2016-05-16 13:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	0.50
2016-05-16 14:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.30	1.00
2016-05-16 14:00	2	0.79	10.70			0.00	0.00	0.00	0.00	20.90	20.90			1.24	1.70
2016-05-16 14:00	5			3.92	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-05-16 14:00	8			2.79	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-16 14:00	10			2.24	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 14:00	12	0.00	0.00	3.07	4.00			0.00	0.00	20.90	20.90			0.92	1.20
2016-05-16 14:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.32	0.60
2016-05-16 15:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.38	1.30
2016-05-16 15:00	2	0.49	1.00			0.00	0.00	0.00	0.00	20.90	20.90			1.48	1.80
2016-05-16 15:00	5			3.94	6.00			0.00	0.00	20.54	20.70	0.00	0.00	0.00	0.00
2016-05-16 15:00	8			2.21	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.02	0.10
2016-05-16 15:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 15:00	12	0.00	0.00	3.08	4.00			0.00	0.00	20.90	20.90			0.90	1.10
2016-05-16 15:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.38	0.70
2016-05-16 16:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.69	2.80
2016-05-16 16:00	2	0.49	1.10			0.00	0.00	0.00	0.00	20.90	20.90			1.11	1.20
2016-05-16 16:00	5			3.92	5.00			0.00	0.00	20.58	20.60	0.01	0.10	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)
2016-05-16 16:00	8			2.13	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.10
2016-05-16 16:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 16:00	12	0.00	0.00	3.03	4.00			0.00	0.00	20.90	20.90			0.85	1.10
2016-05-16 16:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.29	0.40
2016-05-16 17:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.70	3.40
2016-05-16 17:00	2	0.37	1.10			0.00	0.00	0.00	0.00	20.90	20.90			1.10	1.30
2016-05-16 17:00	5			4.00	6.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-05-16 17:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.01	0.10
2016-05-16 17:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 17:00	12	0.00	0.00	2.50	3.00			0.00	0.00	20.90	20.90			0.87	1.00
2016-05-16 17:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.33	0.50
2016-05-16 18:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.20	1.00
2016-05-16 18:00	2	0.64	1.20			0.00	0.00	0.00	0.00	20.90	20.90			1.65	2.00
2016-05-16 18:00	5			4.08	6.00			0.00	0.00	20.58	20.70	0.00	0.10	0.00	0.00
2016-05-16 18:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-16 18:00	10			2.13	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 18:00	12	0.00	0.00	3.13	5.00			0.00	0.00	20.90	20.90			0.97	1.20
2016-05-16 18:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.44	0.50
2016-05-16 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.28	1.00
2016-05-16 19:00	2	0.60	1.50			0.02	0.10	0.00	0.00	20.90	20.90			2.09	2.50
2016-05-16 19:00	5			4.11	6.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2016-05-16 19:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.20
2016-05-16 19:00	10			2.72	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-16 19:00	12	0.00	0.00	3.10	4.00			0.00	0.00	20.90	20.90			1.04	1.20
2016-05-16 19:00	13			2.20	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.49	0.60
2016-05-16 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.21	1.00
2016-05-16 20:00	2	0.60	1.40			0.02	0.10	0.00	0.00	20.90	20.90			2.35	3.00
2016-05-16 20:00	5			4.13	7.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2016-05-16 20:00	8			2.15	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.05	0.10
2016-05-16 20:00	10			2.64	3.00	0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2016-05-16 20:00	12	0.00	0.00	2.97	4.00			0.00	0.00	20.90	20.90			1.10	1.20

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2016-05-16 20:00	13			2.11	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	0.60
2016-05-16 21:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-05-16 21:00	2	0.64	1.50			0.03	0.10	0.00	0.00	20.90	20.90			2.93	3.50
2016-05-16 21:00	5			4.05	6.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2016-05-16 21:00	8			2.10	3.00			0.00	0.00	20.90	20.90	0.03	0.10	0.05	0.10
2016-05-16 21:00	10			2.46	4.00	0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-05-16 21:00	12	0.00	0.00	2.98	5.00			0.00	0.00	20.90	20.90			1.15	1.20
2016-05-16 21:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.70
2016-05-16 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.22	1.00
2016-05-16 22:00	2	0.52	1.30			0.03	0.10	0.00	0.00	20.90	20.90			3.03	3.60
2016-05-16 22:00	5			3.76	4.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2016-05-16 22:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.10
2016-05-16 22:00	10			2.08	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-16 22:00	12	0.00	0.00	2.85	3.00			0.00	0.00	20.90	20.90			1.12	1.20
2016-05-16 22:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.57	0.80
2016-05-16 23:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.17	1.00
2016-05-16 23:00	2	0.52	1.50			0.01	0.10	0.00	0.00	20.90	20.90			2.96	3.50
2016-05-16 23:00	5			3.98	6.00			0.00	0.00	20.47	20.50	0.00	0.00	0.00	0.00
2016-05-16 23:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.02	0.10	0.05	0.10
2016-05-16 23:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2016-05-16 23:00	12	0.00	0.00	2.97	4.00			0.00	0.00	20.72	20.90			1.11	1.20
2016-05-16 23:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.63	0.80
2016-05-17 00:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.60
2016-05-17 00:00	2	0.56	1.20			0.01	0.10	0.00	0.00	20.90	20.90			3.24	3.80
2016-05-17 00:00	5			3.95	5.00			0.00	0.00	20.51	20.60	0.01	0.10	0.00	0.00
2016-05-17 00:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.05	0.20
2016-05-17 00:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-17 00:00	12	0.00	0.00	2.67	4.00			0.00	0.00	20.58	20.70			1.10	1.20
2016-05-17 00:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	0.80
2016-05-17 01:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.60
2016-05-17 01:00	2	0.53	1.50			0.00	0.10	0.00	0.00	20.98	21.70			3.02	3.40

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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)
2016-05-17 01:00	5			3.97	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-05-17 01:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-17 01:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2016-05-17 01:00	12	0.00	0.00	2.15	3.00			0.00	0.00	20.59	20.70			1.12	1.20
2016-05-17 01:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.60	0.80
2016-05-17 02:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.18	0.60
2016-05-17 02:00	2	0.56	1.20			0.02	0.10	0.00	0.00	20.90	20.90			3.18	3.50
2016-05-17 02:00	5			3.95	4.00			0.00	0.00	20.45	20.50	0.00	0.10	0.00	0.00
2016-05-17 02:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-17 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2016-05-17 02:00	12	0.00	0.00	2.23	3.00			0.00	0.00	20.62	20.70			1.13	1.20
2016-05-17 02:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.64	0.80
2016-05-17 03:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-05-17 03:00	2	0.63	1.20			0.03	0.10	0.00	0.00	20.90	20.90			3.40	3.90
2016-05-17 03:00	5			3.79	5.00			0.00	0.00	20.45	20.50	0.00	0.00	0.00	0.00
2016-05-17 03:00	8			2.18	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-17 03:00	10			2.08	4.00	0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-05-17 03:00	12	0.00	0.00	2.61	3.00			0.00	0.00	20.57	20.60			1.04	1.20
2016-05-17 03:00	13			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.63	0.80
2016-05-17 04:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.60
2016-05-17 04:00	2	0.67	1.40			0.00	0.10	0.00	0.00	20.90	20.90			3.37	3.80
2016-05-17 04:00	5			4.08	5.00			0.00	0.00	20.44	20.50	0.01	0.10	0.00	0.00
2016-05-17 04:00	8			2.90	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.04	0.10
2016-05-17 04:00	10			2.50	3.00	0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2016-05-17 04:00	12	0.00	0.00	3.13	4.00			0.00	0.00	20.54	20.60			1.02	1.20
2016-05-17 04:00	13			2.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.61	0.80
2016-05-17 05:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.15	1.00
2016-05-17 05:00	2	0.59	1.30			0.00	0.10	0.00	0.00	20.90	20.90			3.41	4.00
2016-05-17 05:00	5			4.03	5.00			0.00	0.00	20.61	20.90	0.00	0.00	0.00	0.00
2016-05-17 05:00	8			2.95	3.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-17 05:00	10			2.76	4.00	0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00

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2016-05-17 05:00	12	0.00	0.00	3.14	4.00			0.00	0.00	20.55	20.60			0.96	1.20
2016-05-17 05:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	0.80
2016-05-17 06:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	1.00
2016-05-17 06:00	2	0.58	1.20			0.01	0.10	0.00	0.00	20.90	20.90			3.34	3.80
2016-05-17 06:00	5			4.03	5.00			0.00	0.00	20.63	20.90	0.00	0.00	0.00	0.00
2016-05-17 06:00	8			3.71	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.03	0.10
2016-05-17 06:00	10			3.00	3.00	0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2016-05-17 06:00	12	0.00	0.00	3.59	6.00			0.00	0.00	20.58	20.60			0.95	1.10
2016-05-17 06:00	13			2.46	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	0.80
2016-05-17 07:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.60
2016-05-17 07:00	2	0.67	1.70			0.02	0.10	0.00	0.00	20.90	20.90			3.71	4.40
2016-05-17 07:00	5			4.00	6.00			0.00	0.00	20.56	20.60	0.00	0.10	0.00	0.00
2016-05-17 07:00	8			3.22	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.03	0.10
2016-05-17 07:00	10			2.25	3.00	0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2016-05-17 07:00	12	0.00	0.00	2.94	4.00			0.00	0.00	20.56	20.60			0.99	1.10
2016-05-17 07:00	13			2.10	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.68	0.80
2016-05-17 08:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-05-17 08:00	2	0.63	1.40			0.02	0.10	0.00	0.00	20.90	20.90			3.74	4.20
2016-05-17 08:00	5			3.93	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-05-17 08:00	8			5.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 08:00	10			2.00	2.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 08:00	12	0.08	0.50	3.00	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 08:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.68	0.80
2016-05-17 09:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.40	0.60
2016-05-17 09:00	5			4.00	5.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-05-17 09:00	8			4.53	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 09:00	10			2.00	2.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 09:00	12	0.07	0.60	2.68	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 10:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.40
2016-05-17 10:00	8			4.32	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 10:00	10			2.05	3.00	0.02	0.10	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)
2016-05-17 10:00	12	0.06	0.50	2.58	3.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-17 10:00	13			0.22	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 11:00	1	0.40	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 11:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.60
2016-05-17 11:00	5			4.06	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.50
2016-05-17 11:00	8			4.91	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 11:00	10			2.05	3.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 11:00	12	0.07	0.50	2.77	3.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-17 11:00	13			1.89	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.20
2016-05-17 12:00	1	0.42	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-17 12:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.78	1.00
2016-05-17 12:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 12:00	8			5.10	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 12:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 12:00	12	0.05	0.40	2.83	3.00			0.00	0.00	20.90	20.90			0.03	0.40
2016-05-17 12:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2016-05-17 13:00	1	0.30	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 13:00	2	0.01	0.10			0.00	0.10	0.00	0.00	20.90	20.90			0.97	1.10
2016-05-17 13:00	5			4.10	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.50
2016-05-17 13:00	8			5.43	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 13:00	10			2.85	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 13:00	12	0.05	0.40	3.05	5.00			0.00	0.00	20.90	20.90			0.04	0.20
2016-05-17 13:00	13			1.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.20
2016-05-17 14:00	1	0.33	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 14:00	2	0.04	0.80			0.00	0.00	0.00	0.00	20.90	20.90			1.10	1.40
2016-05-17 14:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 14:00	8			5.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 14:00	10			3.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 14:00	12	0.06	0.50	3.74	4.00			0.00	0.00	20.90	20.90			0.07	0.40
2016-05-17 14:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	0.20
2016-05-17 15:00	1	0.30	1.00			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)
2016-05-17 15:00	2	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			1.10	1.30
2016-05-17 15:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2016-05-17 15:00	8			6.08	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 15:00	10			2.67	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 15:00	12	0.04	0.30	3.00	4.00			0.00	0.00	20.90	20.90			0.09	0.40
2016-05-17 15:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.20
2016-05-17 16:00	1	0.40	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 16:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			1.11	1.40
2016-05-17 16:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2016-05-17 16:00	8			6.10	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 16:00	10			2.51	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 16:00	12	0.04	0.40	3.05	4.00			0.00	0.00	20.90	20.90			0.05	0.40
2016-05-17 16:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.20
2016-05-17 17:00	1	0.36	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 17:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.20
2016-05-17 17:00	5			3.76	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 17:00	8			5.95	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 17:00	12	0.04	0.40	2.32	3.00			0.00	0.00	20.90	20.90			0.07	0.40
2016-05-17 17:00	13			1.79	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2016-05-17 18:00	1	0.42	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 18:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.60	0.80
2016-05-17 18:00	5			3.58	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.50
2016-05-17 18:00	8			6.75	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 18:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 18:00	12	0.08	0.40	2.13	4.00			0.00	0.00	20.90	20.90			0.04	0.40
2016-05-17 18:00	13			1.39	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.20
2016-05-17 19:00	1	0.25	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 19:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.45	0.60
2016-05-17 19:00	5			3.79	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-17 19:00	8			6.80	7.00			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)
2016-05-17 19:00	10			1.87	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 19:00	12	0.02	0.20	2.00	2.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-17 19:00	13			1.46	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.20
2016-05-17 20:00	1	0.32	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 20:00	2	0.00	0.10			0.00	0.10	0.00	0.00	20.90	20.90			0.57	0.80
2016-05-17 20:00	5			3.54	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 20:00	8			6.31	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 20:00	10			1.80	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 20:00	12	0.02	0.30	2.03	3.00			0.00	0.00	20.90	20.90			0.03	0.20
2016-05-17 20:00	13			1.34	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-05-17 21:00	1	0.42	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 21:00	2	0.04	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.39	0.50
2016-05-17 21:00	5			3.59	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-17 21:00	8			6.11	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 21:00	10			1.68	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 21:00	12	0.03	0.20	2.05	3.00			0.00	0.00	20.90	20.90			0.07	0.40
2016-05-17 21:00	13			1.43	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.20
2016-05-17 22:00	1	0.31	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 22:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.46	0.70
2016-05-17 22:00	5			3.55	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.50
2016-05-17 22:00	8			6.00	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 22:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 22:00	12	0.04	0.30	2.00	2.00			0.00	0.00	20.90	20.90			0.03	0.20
2016-05-17 22:00	13			1.31	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.20
2016-05-17 23:00	1	0.30	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 23:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.56	0.70
2016-05-17 23:00	5			3.58	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 23:00	8			6.33	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-17 23:00	10			1.92	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-17 23:00	12	0.02	0.20	2.00	2.00			0.00	0.00	20.90	20.90			0.10	0.60
2016-05-17 23:00	13			1.42	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	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)
2016-05-18 00:00	1	0.38	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 00:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.68	1.00
2016-05-18 00:00	5			3.87	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-18 00:00	8			5.97	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 00:00	10			1.88	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 00:00	12	0.03	0.40	2.00	3.00			0.00	0.00	20.90	20.90			0.18	0.60
2016-05-18 00:00	13			1.20	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2016-05-18 01:00	1	0.40	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 01:00	2	0.02	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.85	1.20
2016-05-18 01:00	5			3.73	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 01:00	8			5.98	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 01:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 01:00	12	0.07	0.30	2.08	4.00			0.00	0.00	20.90	20.90			0.22	0.60
2016-05-18 01:00	13			1.34	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.20
2016-05-18 02:00	1	0.30	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 02:00	2	0.05	0.40			0.01	0.20	0.00	0.00	20.90	20.90			0.85	1.10
2016-05-18 02:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 02:00	8			6.10	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 02:00	10			1.93	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 02:00	12	0.02	0.20	2.03	3.00			0.00	0.00	20.90	20.90			0.26	0.60
2016-05-18 02:00	13			1.28	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.20
2016-05-18 03:00	1	0.31	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 03:00	2	0.07	0.30			0.02	0.10	0.00	0.00	20.90	20.90			0.77	1.40
2016-05-18 03:00	5			3.76	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 03:00	8			5.93	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 03:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 03:00	12	0.02	0.20	2.02	3.00			0.00	0.00	20.90	20.90			0.41	0.60
2016-05-18 03:00	13			1.45	3.00			0.00	0.00	20.71	20.90	0.00	0.00	0.17	0.20
2016-05-18 04:00	1	0.35	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 04:00	2	0.17	4.20			0.01	0.10	0.00	0.00	20.90	20.90			1.05	1.40
2016-05-18 04:00	5			3.65	4.00			0.00	0.00	20.90	20.90	0.00	0.00	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)
2016-05-18 04:00	8			5.31	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 04:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 04:00	12	0.01	0.10	2.03	3.00			0.00	0.00	20.90	20.90			0.47	0.60
2016-05-18 04:00	13			1.64	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.18	0.20
2016-05-18 05:00	1	0.40	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 05:00	2	0.08	0.40			0.01	0.10	0.00	0.00	20.90	20.90			1.12	1.60
2016-05-18 05:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	1.10
2016-05-18 05:00	8			4.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 05:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 05:00	12	0.05	0.40	2.00	2.00			0.00	0.00	20.90	20.90			0.52	0.60
2016-05-18 05:00	13			1.33	4.00			0.00	0.00	20.64	20.70	0.00	0.00	0.19	0.20
2016-05-18 06:00	1	0.34	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 06:00	2	0.08	0.50			0.02	0.10	0.00	0.00	20.90	20.90			1.63	2.10
2016-05-18 06:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.50
2016-05-18 06:00	8			5.18	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 06:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 06:00	12	0.03	0.40	2.00	2.00			0.00	0.00	20.90	20.90			0.48	0.80
2016-05-18 06:00	13			1.50	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.21	0.30
2016-05-18 07:00	1	0.29	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 07:00	2	0.12	0.70			0.00	0.10	0.00	0.00	20.90	20.90			0.33	1.50
2016-05-18 07:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.50
2016-05-18 07:00	8			5.73	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2016-05-18 07:00	12	0.08	0.50	2.05	3.00			0.00	0.00	20.90	20.90			0.23	0.60
2016-05-18 07:00	13			1.38	3.00			0.00	0.00	20.74	20.90	0.00	0.00	0.02	0.20
2016-05-18 08:00	1	0.39	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 08:00	2	0.06	0.90			0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-05-18 08:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 08:00	8			6.93	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 08:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 08:00	12	0.06	0.50	2.00	2.00			0.00	0.00	20.90	20.90			0.04	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)
2016-05-18 08:00	13			1.37	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 09:00	1	0.42	0.90			0.01	0.10	0.00	0.00	20.90	20.90			0.01	0.30
2016-05-18 09:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-05-18 09:00	5			3.72	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 09:00	8			8.11	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 09:00	10			1.95	2.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 09:00	12	0.15	0.50	2.02	3.00			0.00	0.00	20.90	20.90			0.00	0.20
2016-05-18 09:00	13			1.35	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 10:00	1	0.64	1.00			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 10:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2016-05-18 10:00	5			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 10:00	8			11.88	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 10:00	10			2.07	4.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 10:00	12	0.16	0.70	2.93	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 10:00	13			1.33	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 11:00	1	0.64	1.20			0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 11:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2016-05-18 11:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.20	1.10
2016-05-18 11:00	8			18.03	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 11:00	10			2.13	3.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 11:00	12	0.20	0.50	3.27	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 11:00	13			1.44	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 12:00	1	0.56	1.20			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 12:00	2	0.04	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 12:00	5			3.79	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.50
2016-05-18 12:00	8			15.95	18.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 12:00	10			2.81	3.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 12:00	12	0.13	0.50	4.00	6.00			0.00	0.00	21.12	21.30			0.00	0.00
2016-05-18 12:00	13			1.39	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 13:00	1	0.50	1.10			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 13:00	2	0.01	0.20			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)
2016-05-18 13:00	5			3.87	5.00			0.00	0.00	21.05	21.20	0.00	0.00	0.13	1.10
2016-05-18 13:00	8			18.51	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 13:00	10			2.98	4.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 13:00	12	0.18	0.60	3.89	5.00			0.00	0.00	21.19	21.30			0.00	0.00
2016-05-18 13:00	13			1.74	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 14:00	1	0.51	1.30			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 14:00	2	0.10	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 14:00	5			3.95	5.00			0.00	0.00	21.02	21.20	0.00	0.00	0.24	1.70
2016-05-18 14:00	8			17.88	24.00			0.00	0.00	21.04	21.20	0.00	0.00	0.00	0.00
2016-05-18 14:00	10			3.07	5.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 14:00	12	0.16	0.60	4.72	6.00			0.00	0.00	21.18	21.30			0.00	0.00
2016-05-18 14:00	13			1.60	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 15:00	1	0.50	1.00			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 15:00	2	0.14	4.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 15:00	5			3.83	4.00			0.00	0.00	21.10	21.60	0.00	0.00	0.21	1.10
2016-05-18 15:00	8			17.98	25.00			0.00	0.00	21.18	21.30	0.00	0.00	0.00	0.00
2016-05-18 15:00	10			3.18	5.00	0.03	0.20	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 15:00	12	0.24	0.80	5.00	6.00			0.00	0.00	21.17	21.20			0.00	0.00
2016-05-18 15:00	13			1.61	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 16:00	1	0.52	0.90			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 16:00	2	0.01	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 16:00	5			3.69	4.00			0.00	0.00	20.95	21.20	0.00	0.00	0.12	0.50
2016-05-18 16:00	8			16.58	23.00			0.00	0.00	21.15	21.20	0.00	0.00	0.00	0.00
2016-05-18 16:00	10			3.74	6.00	0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 16:00	12	0.22	0.70	6.38	9.00			0.00	0.00	21.19	21.20			0.00	0.00
2016-05-18 16:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 17:00	1	0.45	0.90			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 17:00	2	0.40	9.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 17:00	5			3.97	4.00			0.00	0.00	20.94	21.50	0.00	0.00	0.19	1.10
2016-05-18 17:00	8			19.35	25.00			0.00	0.00	21.24	21.40	0.00	0.00	0.00	0.00
2016-05-18 17:00	10			4.44	6.00	0.03	0.10	0.00	0.00	20.92	21.20			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)
2016-05-18 17:00	12	0.10	0.60	7.95	10.00			0.00	0.00	21.25	21.40			0.00	0.00
2016-05-18 17:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 18:00	1	0.47	1.10			0.02	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 18:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 18:00	5			3.92	5.00			0.00	0.00	20.95	21.30	0.00	0.00	0.19	1.10
2016-05-18 18:00	8			19.26	28.00			0.00	0.00	21.34	21.50	0.00	0.00	0.00	0.00
2016-05-18 18:00	10			4.00	7.00	0.00	0.00	0.00	0.00	21.19	21.50			0.00	0.00
2016-05-18 18:00	12	0.00	0.00	5.79	9.00			0.00	0.00	21.37	21.50			0.00	0.00
2016-05-18 18:00	13			1.88	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 19:00	1	0.41	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 19:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 19:00	5			3.87	6.00			0.00	0.00	20.95	21.40	0.00	0.00	0.34	1.70
2016-05-18 19:00	8			15.11	19.00			0.00	0.00	21.20	21.30	0.00	0.00	0.00	0.00
2016-05-18 19:00	10			2.79	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 19:00	12	0.01	0.20	3.79	4.00			0.00	0.00	21.24	21.30			0.00	0.00
2016-05-18 19:00	13			1.53	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 20:00	1	0.43	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 20:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 20:00	5			3.90	4.00			0.00	0.00	21.06	21.20	0.00	0.00	0.05	0.50
2016-05-18 20:00	8			9.78	12.00			0.00	0.00	21.15	21.20	0.00	0.00	0.00	0.00
2016-05-18 20:00	10			2.20	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 20:00	12	0.05	0.30	3.10	4.00			0.00	0.00	21.11	21.30			0.00	0.00
2016-05-18 20:00	13			1.36	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 21:00	1	0.42	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 21:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 21:00	5			3.82	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.50
2016-05-18 21:00	8			5.88	8.00			0.00	0.00	20.98	21.10	0.00	0.00	0.00	0.00
2016-05-18 21:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 21:00	12	0.01	0.10	2.60	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 21:00	13			1.45	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 22:00	1	0.43	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

Bridgeton Sanitary Landfill  
AreaRAE Monitoring Data  
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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)
2016-05-18 22:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 22:00	5			3.84	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 22:00	8			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 22:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 22:00	12	0.02	0.20	2.16	4.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-05-18 22:00	13			1.41	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 23:00	1	0.44	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 23:00	2	0.05	0.40			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 23:00	5			3.87	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-18 23:00	8			3.45	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-18 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-18 23:00	12	0.05	0.30	2.00	2.00			0.00	0.00	20.90	20.90			0.09	0.40
2016-05-18 23:00	13			1.32	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 00:00	1	0.47	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 00:00	2	0.10	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.30
2016-05-19 00:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 00:00	8			2.98	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 00:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 00:00	12	0.24	0.50	2.00	2.00			0.00	0.00	20.90	20.90			0.10	0.60
2016-05-19 00:00	13			1.50	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2016-05-19 01:00	1	0.57	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 01:00	2	0.12	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.07	0.30
2016-05-19 01:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-19 01:00	8			2.53	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 01:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 01:00	12	0.20	0.80	2.00	3.00			0.00	0.00	20.90	20.90			0.26	0.60
2016-05-19 01:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.20
2016-05-19 02:00	1	0.39	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 02:00	2	0.12	0.70			0.02	0.10	0.00	0.00	20.90	20.90			0.39	1.00
2016-05-19 02:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.50
2016-05-19 02:00	8			2.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	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)
2016-05-19 02:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 02:00	12	0.18	0.70	2.00	2.00			0.00	0.00	20.90	20.90			0.35	0.60
2016-05-19 02:00	13			1.54	2.00			0.00	0.00	20.77	20.90	0.00	0.00	0.15	0.20
2016-05-19 03:00	1	0.41	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 03:00	2	0.11	0.70			0.02	0.10	0.00	0.00	20.90	20.90			0.55	1.10
2016-05-19 03:00	5			3.94	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 03:00	8			2.07	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 03:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 03:00	12	0.16	0.60	1.98	2.00			0.00	0.00	20.90	20.90			0.48	0.60
2016-05-19 03:00	13			1.50	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.19	0.20
2016-05-19 04:00	1	0.31	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 04:00	2	0.13	0.50			0.01	0.10	0.00	0.00	20.90	20.90			0.76	1.30
2016-05-19 04:00	5			3.95	4.00			0.00	0.00	20.91	21.20	0.00	0.00	0.07	0.50
2016-05-19 04:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 04:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 04:00	12	0.20	0.60	2.00	2.00			0.00	0.00	20.90	20.90			0.45	0.60
2016-05-19 04:00	13			1.76	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.21	0.30
2016-05-19 05:00	1	0.48	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 05:00	2	0.13	1.20			0.03	0.10	0.00	0.00	20.90	20.90			0.67	1.00
2016-05-19 05:00	5			3.76	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.50
2016-05-19 05:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.68	20.90			0.00	0.00
2016-05-19 05:00	12	0.20	0.60	2.00	2.00			0.00	0.00	20.90	20.90			0.44	0.60
2016-05-19 05:00	13			2.00	4.00			0.00	0.00	20.64	20.70	0.00	0.00	0.20	0.30
2016-05-19 06:00	1	0.52	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 06:00	2	0.38	1.80			0.03	0.20	0.00	0.00	20.90	20.90			1.33	2.00
2016-05-19 06:00	5			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 06:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 06:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2016-05-19 06:00	12	0.16	0.60	1.97	3.00			0.00	0.00	20.90	20.90			0.55	0.80
2016-05-19 06:00	13			1.74	3.00			0.00	0.00	20.59	20.70	0.00	0.00	0.22	0.30

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)
2016-05-19 07:00	1	0.57	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 07:00	2	0.17	0.70			0.01	0.10	0.00	0.00	20.90	20.90			0.81	1.40
2016-05-19 07:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	1.10
2016-05-19 07:00	8			2.20	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-05-19 07:00	12	0.22	0.60	2.00	2.00			0.00	0.00	20.90	20.90			0.41	0.60
2016-05-19 07:00	13			1.47	2.00			0.00	0.00	20.80	20.90	0.00	0.00	0.04	0.20
2016-05-19 08:00	1	0.60	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 08:00	2	0.06	0.40			0.00	0.10	0.00	0.00	20.74	20.90			0.03	0.20
2016-05-19 08:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 08:00	8			3.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.86	20.90			0.00	0.00
2016-05-19 08:00	12	0.21	0.60	2.16	3.00			0.00	0.00	20.90	20.90			0.04	0.40
2016-05-19 08:00	13			1.71	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 09:00	1	0.71	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 09:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2016-05-19 09:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 09:00	8			4.53	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 09:00	10			2.00	2.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 09:00	12	0.31	0.80	2.73	3.00			0.00	0.00	20.90	20.90			0.01	0.40
2016-05-19 09:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 10:00	1	0.79	1.60					0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 10:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 10:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	1.10
2016-05-19 10:00	8			8.16	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 10:00	10			2.28	3.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 10:00	12	0.23	0.60	3.67	6.00			0.00	0.00	20.98	21.20			0.00	0.00
2016-05-19 10:00	13			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 11:00	1	0.42	1.30			0.01	0.10	0.00	0.00	20.90	20.90			0.20	1.10
2016-05-19 11:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 11:00	5			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	1.10



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)
2016-05-19 11:00	8			11.60	16.00			0.00	0.00	20.94	21.20	0.00	0.00	0.00	0.00
2016-05-19 11:00	10			3.08	4.00	0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 11:00	12	0.19	0.80	4.62	6.00			0.00	0.00	21.25	21.30			0.00	0.00
2016-05-19 11:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-05-19 12:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.58	1.10
2016-05-19 12:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 12:00	5			3.81	5.00			0.00	0.00	21.10	21.20	0.00	0.00	0.60	1.70
2016-05-19 12:00	8			15.14	17.00			0.00	0.00	21.22	21.30	0.00	0.00	0.00	0.00
2016-05-19 12:00	10			3.50	4.00	0.03	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-05-19 12:00	12	0.10	0.40	5.81	7.00			0.00	0.00	21.21	21.30			0.00	0.00
2016-05-19 12:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00