

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)
2015-12-31 12:00	1	0.90	1.40			0.00	0.00	0.00	0.00	20.55	20.60			0.02	0.30
2015-12-31 12:00	2	0.03	0.60			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2015-12-31 12:00	5			3.74	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2015-12-31 12:00	8			4.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.60
2015-12-31 12:00	10			1.39	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 12:00	12	0.00	0.00	0.64	5.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 12:00	13			1.52	3.00			0.00	0.00	20.61	20.70	0.00	0.00	0.09	0.10
2015-12-31 13:00	1	0.91	1.60			0.00	0.00	0.00	0.00	20.60	20.70			0.02	0.30
2015-12-31 13:00	2	0.01	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2015-12-31 13:00	5			3.56	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2015-12-31 13:00	8			4.20	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2015-12-31 13:00	10			1.37	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 13:00	12	0.00	0.00	1.32	20.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 13:00	13			1.17	2.00			0.00	0.00	20.65	20.90	0.00	0.00	0.08	0.10
2015-12-31 14:00	1	1.01	1.50			0.00	0.00	0.00	0.00	20.60	20.60			0.02	0.30
2015-12-31 14:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.37	0.60
2015-12-31 14:00	5			3.59	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 14:00	8			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.60
2015-12-31 14:00	10			1.50	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 14:00	12	0.00	0.00	0.55	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 14:00	13			1.34	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2015-12-31 15:00	1	1.02	1.50			0.00	0.00	0.00	0.00	20.60	20.60			0.01	0.30
2015-12-31 15:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.31	0.50
2015-12-31 15:00	5			3.67	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 15:00	8			4.13	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 15:00	10			1.46	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 15:00	12	0.00	0.00	0.45	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 15:00	13			1.65	4.00			0.00	0.00	20.78	20.90	0.00	0.00	0.01	0.10
2015-12-31 16:00	1	0.87	1.50			0.00	0.00	0.00	0.00	20.60	20.60			0.02	0.30
2015-12-31 16:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.29	0.40
2015-12-31 16:00	5			3.90	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)
2015-12-31 16:00	8			4.50	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 16:00	10			1.82	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 16:00	12	0.00	0.00	0.78	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 16:00	13			1.41	4.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.00
2015-12-31 17:00	1	1.09	2.20			0.00	0.00	0.00	0.00	20.67	20.90			0.01	0.30
2015-12-31 17:00	2	0.03	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.39	0.60
2015-12-31 17:00	5			3.74	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 17:00	8			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	1.20
2015-12-31 17:00	10			1.49	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 17:00	12	0.00	0.00	1.15	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 17:00	13			1.49	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2015-12-31 18:00	1	1.02	1.60			0.00	0.00	0.00	0.00	20.60	20.90			0.02	0.30
2015-12-31 18:00	2	0.02	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.46	0.70
2015-12-31 18:00	5			3.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 18:00	8			4.10	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.60
2015-12-31 18:00	10			1.55	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 18:00	12	0.00	0.00	0.44	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 18:00	13			1.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2015-12-31 19:00	1	0.96	1.50			0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.00
2015-12-31 19:00	2	0.03	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.49	0.60
2015-12-31 19:00	5			3.63	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 19:00	8			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2015-12-31 19:00	10			1.49	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 19:00	12	0.00	0.00	1.53	40.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 19:00	13			1.40	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.10
2015-12-31 20:00	1	1.00	1.70			0.00	0.00	0.00	0.00	20.61	20.90			0.02	0.30
2015-12-31 20:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.51	0.60
2015-12-31 20:00	5			3.56	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2015-12-31 20:00	8			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2015-12-31 20:00	10			1.57	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 20:00	12	0.00	0.00	1.08	13.00			0.00	0.00	20.90	20.90			0.00	0.00

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2015-12-31 20:00	13			1.62	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.10
2015-12-31 21:00	1	0.89	1.60			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2015-12-31 21:00	2	0.03	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.49	0.60
2015-12-31 21:00	5			3.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 21:00	8			3.88	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 21:00	10			1.44	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 21:00	12	0.00	0.00	0.93	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 21:00	13			1.49	2.00			0.00	0.00	20.71	20.90	0.00	0.00	0.10	0.20
2015-12-31 22:00	1	1.06	1.90			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2015-12-31 22:00	2	0.03	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.57	0.70
2015-12-31 22:00	5			3.76	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2015-12-31 22:00	8			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2015-12-31 22:00	10			1.47	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 22:00	12	0.00	0.00	0.53	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 22:00	13			1.48	3.00			0.00	0.00	20.61	20.70	0.00	0.00	0.10	0.20
2015-12-31 23:00	1	0.83	1.40			0.00	0.00	0.00	0.00	20.51	20.60			0.02	0.30
2015-12-31 23:00	2	0.08	0.40			0.01	0.10	0.00	0.00	20.90	20.90			0.56	0.80
2015-12-31 23:00	5			3.81	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2015-12-31 23:00	8			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2015-12-31 23:00	10			1.78	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 23:00	12	0.00	0.00	0.95	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2015-12-31 23:00	13			1.50	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.11	0.20
2016-01-01 00:00	1	0.80	1.70			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.00
2016-01-01 00:00	2	0.03	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.57	0.70
2016-01-01 00:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-01-01 00:00	8			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 00:00	10			1.72	3.00	0.00	0.00	0.00	0.00	20.74	20.90			0.00	0.00
2016-01-01 00:00	12	0.00	0.00	0.48	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 00:00	13			1.41	3.00			0.00	0.00	20.67	20.70	0.00	0.00	0.10	0.20
2016-01-01 01:00	1	0.78	1.40			0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2016-01-01 01:00	2	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.55	0.70

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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)
2016-01-01 01:00	5			3.79	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-01 01:00	8			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-01 01:00	10			1.75	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 01:00	12	0.00	0.00	0.36	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 01:00	13			1.33	3.00			0.00	0.00	20.67	20.70	0.00	0.00	0.09	0.20
2016-01-01 02:00	1	0.79	1.30			0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2016-01-01 02:00	2	0.03	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.55	0.80
2016-01-01 02:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-01 02:00	8			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 02:00	10			1.86	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 02:00	12	0.00	0.00	0.95	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 02:00	13			1.73	3.00			0.00	0.00	20.62	20.70	0.00	0.00	0.10	0.10
2016-01-01 03:00	1	0.73	1.80			0.00	0.00	0.00	0.00	20.50	20.50			0.01	0.30
2016-01-01 03:00	2	0.05	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.61	0.80
2016-01-01 03:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.01	0.20	0.00	0.00
2016-01-01 03:00	8			3.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 03:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 03:00	12	0.00	0.00	1.31	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 03:00	13			1.67	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.10	0.20
2016-01-01 04:00	1	0.63	1.40			0.00	0.00	0.00	0.00	20.48	20.50			0.01	0.30
2016-01-01 04:00	2	0.03	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.56	0.70
2016-01-01 04:00	5			3.95	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-01 04:00	8			3.85	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-01 04:00	10			1.84	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 04:00	12	0.00	0.00	0.62	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 04:00	13			1.71	3.00			0.00	0.00	20.58	20.60	0.00	0.00	0.10	0.10
2016-01-01 05:00	1	0.72	1.50			0.00	0.00	0.00	0.00	20.43	20.50			0.00	0.00
2016-01-01 05:00	2	0.05	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.60	0.70
2016-01-01 05:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 05:00	8			3.65	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-01 05:00	10			1.83	3.00	0.00	0.00	0.00	0.00	20.76	20.90			0.00	0.00

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2016-01-01 05:00	12	0.00	0.00	0.85	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 05:00	13			1.68	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.10	0.10
2016-01-01 06:00	1	0.67	1.40			0.00	0.00	0.00	0.00	20.63	20.90			0.00	0.00
2016-01-01 06:00	2	0.02	0.50			0.01	0.10	0.00	0.00	20.90	20.90			0.61	0.70
2016-01-01 06:00	5			3.88	5.00			0.00	0.00	20.90	20.90	0.01	0.10	0.00	0.00
2016-01-01 06:00	8			3.38	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 06:00	10			1.69	2.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2016-01-01 06:00	12	0.00	0.00	0.71	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 06:00	13			1.66	4.00			0.00	0.00	20.50	20.50	0.00	0.00	0.10	0.10
2016-01-01 07:00	1	0.67	1.30			0.00	0.00	0.00	0.00	20.46	20.90			0.00	0.00
2016-01-01 07:00	2	0.05	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.58	0.70
2016-01-01 07:00	5			3.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 07:00	8			3.55	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-01 07:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-01-01 07:00	12	0.00	0.00	1.18	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 07:00	13			1.43	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.10	0.10
2016-01-01 08:00	1	0.88	1.50			0.00	0.00	0.00	0.00	20.42	20.50			0.00	0.00
2016-01-01 08:00	2	0.02	0.30			0.02	0.10	0.00	0.00	20.90	20.90			0.45	0.80
2016-01-01 08:00	5			3.93	5.00			0.00	0.00	20.73	20.90	0.00	0.00	0.00	0.10
2016-01-01 08:00	8			3.51	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 08:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-01-01 08:00	12	0.00	0.00	0.64	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 08:00	13			1.67	3.00			0.00	0.00	20.57	20.70	0.00	0.00	0.06	0.10
2016-01-01 09:00	1	1.34	2.10			0.01	0.10	0.00	0.00	20.46	20.60			0.04	0.30
2016-01-01 09:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.29	0.60
2016-01-01 09:00	5			3.93	6.00			0.00	0.00	20.82	20.90	0.00	0.10	0.04	0.20
2016-01-01 09:00	8			3.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 09:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.68	20.90			0.00	0.00
2016-01-01 09:00	12	0.00	0.00	0.73	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 09:00	13			1.57	2.00			0.00	0.00	20.58	20.70	0.00	0.00	0.02	0.10
2016-01-01 10:00	1	1.29	2.00			0.00	0.00	0.00	0.00	20.76	20.90			0.10	1.00

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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)
2016-01-01 10:00	2	0.01	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.09	0.30
2016-01-01 10:00	5			3.79	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.20
2016-01-01 10:00	8			3.97	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-01 10:00	10			1.79	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 10:00	12	0.00	0.00	0.58	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 10:00	13			1.49	2.00			0.00	0.00	20.76	20.90	0.00	0.00	0.00	0.00
2016-01-01 11:00	1	1.07	1.90			0.01	0.10	0.00	0.00	20.90	20.90			0.12	0.60
2016-01-01 11:00	2	0.03	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.05	0.30
2016-01-01 11:00	5			3.92	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.14	0.20
2016-01-01 11:00	8			4.51	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-01 11:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 11:00	12	0.00	0.00	0.95	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 11:00	13			1.59	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 12:00	1	1.17	1.90			0.00	0.10	0.00	0.00	20.90	20.90			0.12	0.60
2016-01-01 12:00	2	0.01	0.10			0.00	0.10	0.00	0.00	20.90	20.90			0.03	0.20
2016-01-01 12:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.18	0.30
2016-01-01 12:00	8			5.18	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 12:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 12:00	12	0.00	0.00	0.87	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 12:00	13			1.51	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 13:00	1	1.00	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.30
2016-01-01 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 13:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.10	0.20
2016-01-01 13:00	8			7.15	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 13:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 13:00	12	0.00	0.00	0.88	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 13:00	13			1.79	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 14:00	1	1.03	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.60
2016-01-01 14:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-01-01 14:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.05	0.20
2016-01-01 14:00	8			7.90	10.00			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)
2016-01-01 14:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 14:00	12	0.00	0.00	1.37	19.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 14:00	13			1.64	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 15:00	1	1.11	2.00			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.60
2016-01-01 15:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-01-01 15:00	5			3.74	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-01-01 15:00	8			8.11	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 15:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 15:00	12	0.00	0.00	1.42	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 15:00	13			1.61	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 16:00	1	0.92	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.10	0.60
2016-01-01 16:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.20
2016-01-01 16:00	5			3.80	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.02	0.10
2016-01-01 16:00	8			7.26	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-01 16:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 16:00	12	0.00	0.00	0.85	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 16:00	13			1.46	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 17:00	1	0.85	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2016-01-01 17:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.23	0.40
2016-01-01 17:00	5			3.88	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-01-01 17:00	8			5.37	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 17:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 17:00	12	0.00	0.00	0.80	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 17:00	13			1.56	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 18:00	1	1.03	1.90			0.00	0.00	0.00	0.00	20.81	20.90			0.01	0.30
2016-01-01 18:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.30	0.80
2016-01-01 18:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-01 18:00	8			4.76	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 18:00	10			1.60	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 18:00	12	0.00	0.00	0.76	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 18:00	13			1.38	2.00			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)
2016-01-01 19:00	1	0.97	1.70			0.00	0.00	0.00	0.00	20.62	20.70			0.03	0.30
2016-01-01 19:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.31	0.70
2016-01-01 19:00	5			3.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 19:00	8			4.23	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 19:00	10			1.33	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 19:00	12	0.00	0.00	0.48	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 19:00	13			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-01 20:00	1	1.03	1.70			0.00	0.00	0.00	0.00	20.70	20.90			0.02	0.30
2016-01-01 20:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.31	0.40
2016-01-01 20:00	5			3.55	4.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-01 20:00	8			4.10	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-01 20:00	10			1.68	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 20:00	12	0.00	0.00	0.65	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 20:00	13			1.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-01-01 21:00	1	0.97	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2016-01-01 21:00	2	0.01	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.31	0.40
2016-01-01 21:00	5			3.59	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 21:00	8			4.15	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-01 21:00	10			1.60	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 21:00	12	0.00	0.00	0.45	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 21:00	13			1.36	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-01 22:00	1	0.92	2.00			0.00	0.00	0.00	0.00	20.85	20.90			0.01	0.30
2016-01-01 22:00	2	0.02	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.30	0.50
2016-01-01 22:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-01 22:00	8			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-01 22:00	10			1.68	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 22:00	12	0.00	0.00	0.39	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 22:00	13			1.32	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2016-01-01 23:00	1	0.82	1.50			0.00	0.00	0.00	0.00	20.60	20.60			0.01	0.30
2016-01-01 23:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.34	0.50
2016-01-01 23:00	5			3.86	5.00			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)
2016-01-01 23:00	8			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-01 23:00	10			1.84	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 23:00	12	0.00	0.00	0.68	10.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-01 23:00	13			1.39	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-01-02 00:00	1	0.88	1.50			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2016-01-02 00:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.33	0.50
2016-01-02 00:00	5			4.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 00:00	8			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-02 00:00	10			1.39	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 00:00	12	0.00	0.00	0.56	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 00:00	13			1.31	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.10
2016-01-02 01:00	1	0.85	1.50			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-01-02 01:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.50
2016-01-02 01:00	5			3.81	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 01:00	8			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-02 01:00	10			1.65	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 01:00	12	0.00	0.00	0.54	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 01:00	13			1.49	2.00			0.00	0.00	20.88	20.90	0.00	0.00	0.06	0.10
2016-01-02 02:00	1	0.74	1.30			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-01-02 02:00	2	0.04	0.40			0.00	0.10	0.00	0.00	20.90	20.90			0.41	0.60
2016-01-02 02:00	5			3.69	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 02:00	8			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-02 02:00	10			1.79	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 02:00	12	0.00	0.00	1.15	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 02:00	13			1.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-01-02 03:00	1	0.83	1.50			0.00	0.00	0.00	0.00	20.60	20.60			0.01	0.30
2016-01-02 03:00	2	0.03	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.44	0.60
2016-01-02 03:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-01-02 03:00	8			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.60
2016-01-02 03:00	10			1.54	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 03:00	12	0.00	0.00	0.90	7.00			0.00	0.00	20.90	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)
2016-01-02 03:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.10
2016-01-02 04:00	1	0.95	1.70			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2016-01-02 04:00	2	0.03	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.43	0.60
2016-01-02 04:00	5			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 04:00	8			4.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	1.20
2016-01-02 04:00	10			1.80	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 04:00	12	0.00	0.00	0.80	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 04:00	13			1.34	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.10
2016-01-02 05:00	1	0.80	1.50			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2016-01-02 05:00	2	0.03	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.51	0.60
2016-01-02 05:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 05:00	8			3.98	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-02 05:00	10			1.57	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 05:00	12	0.00	0.00	1.05	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 05:00	13			1.50	2.00			0.00	0.00	20.89	20.90	0.00	0.00	0.09	0.20
2016-01-02 06:00	1	0.80	1.50			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2016-01-02 06:00	2	0.05	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.52	0.60
2016-01-02 06:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 06:00	8			3.71	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.60
2016-01-02 06:00	10			1.65	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 06:00	12	0.00	0.00	0.85	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 06:00	13			1.43	3.00			0.00	0.00	20.66	20.70	0.00	0.00	0.07	0.10
2016-01-02 07:00	1	0.78	1.50			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-02 07:00	2	0.03	0.30			0.02	0.10	0.00	0.00	20.90	20.90			0.53	0.60
2016-01-02 07:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 07:00	8			3.76	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 07:00	10			1.63	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 07:00	12	0.00	0.00	0.95	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 07:00	13			1.44	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.09	0.20
2016-01-02 08:00	1	1.11	1.70			0.00	0.10	0.00	0.00	20.47	20.50			0.01	0.30
2016-01-02 08:00	2	0.05	0.50			0.01	0.10	0.00	0.00	20.90	20.90			0.36	0.60

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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)
2016-01-02 08:00	5			3.86	4.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.10
2016-01-02 08:00	8			3.77	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.60
2016-01-02 08:00	10			1.71	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 08:00	12	0.00	0.00	1.37	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 08:00	13			1.43	2.00			0.00	0.00	20.61	20.70	0.00	0.00	0.06	0.10
2016-01-02 09:00	1	1.42	2.20			0.01	0.10	0.00	0.00	20.54	20.70			0.05	0.30
2016-01-02 09:00	2	0.01	0.10			0.01	0.10	0.00	0.00	20.90	20.90			0.12	0.50
2016-01-02 09:00	5			3.95	5.00			0.00	0.00	20.82	20.90	0.00	0.10	0.05	0.20
2016-01-02 09:00	8			3.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.60
2016-01-02 09:00	10			1.68	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 09:00	12	0.00	0.00	0.63	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 09:00	13			1.63	4.00			0.00	0.00	20.84	20.90	0.00	0.00	0.00	0.10
2016-01-02 10:00	1	0.89	2.10			0.01	0.10	0.00	0.00	20.85	20.90			0.27	1.00
2016-01-02 10:00	2	0.02	0.30			0.01	0.10	0.00	0.00	20.90	20.90			0.06	0.50
2016-01-02 10:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.20
2016-01-02 10:00	8			4.15	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 10:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 10:00	12	0.00	0.00	1.29	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 10:00	13			1.77	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 11:00	1	0.11	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.41	1.00
2016-01-02 11:00	2	0.00	0.10			0.01	0.10	0.00	0.00	20.90	20.90			0.00	0.10
2016-01-02 11:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 11:00	8			5.19	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 11:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 11:00	12	0.00	0.00	1.15	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 11:00	13			1.83	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 12:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.29	1.00
2016-01-02 12:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 12:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 12:00	8			7.10	9.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 12:00	10			1.95	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)
2016-01-02 12:00	12	0.00	0.00	1.39	19.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 12:00	13			1.69	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 13:00	1	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.29	1.00
2016-01-02 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 13:00	5			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-02 13:00	8			8.93	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-02 13:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 13:00	12	0.00	0.00	1.89	18.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 13:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 14:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.23	1.00
2016-01-02 14:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 14:00	5			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 14:00	8			10.87	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 14:00	10			2.45	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 14:00	12	0.00	0.00	1.69	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 14:00	13			1.85	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 15:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.60
2016-01-02 15:00	2	0.10	2.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 15:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-01-02 15:00	8			11.63	13.00			0.00	0.00	21.15	21.20	0.00	0.00	0.00	0.00
2016-01-02 15:00	10			2.20	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 15:00	12	0.00	0.00	1.84	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 15:00	13			2.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 16:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.60
2016-01-02 16:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-01-02 16:00	5			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 16:00	8			9.51	11.00			0.00	0.00	21.17	21.30	0.00	0.00	0.02	0.60
2016-01-02 16:00	10			2.00	2.00	0.00	0.00	0.00	0.00	21.05	21.20			0.00	0.00
2016-01-02 16:00	12	0.00	0.00	1.13	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 16:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 17:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.60

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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)
2016-01-02 17:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2016-01-02 17:00	5			3.86	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 17:00	8			7.26	9.00			0.00	0.00	20.98	21.20	0.00	0.00	0.00	0.00
2016-01-02 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 17:00	12	0.00	0.00	1.48	20.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 17:00	13			1.82	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 18:00	1	0.05	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.17	0.60
2016-01-02 18:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.30
2016-01-02 18:00	5			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 18:00	8			5.21	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.60
2016-01-02 18:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 18:00	12	0.00	0.00	0.93	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 18:00	13			1.66	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 19:00	1	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-01-02 19:00	2	0.02	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.20	0.40
2016-01-02 19:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 19:00	8			4.31	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-02 19:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 19:00	12	0.00	0.00	1.74	20.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 19:00	13			1.76	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 20:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 20:00	2	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.40
2016-01-02 20:00	5			3.89	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 20:00	8			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-02 20:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 20:00	12	0.00	0.00	1.20	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 20:00	13			1.53	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 21:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.71	20.90			0.04	0.60
2016-01-02 21:00	2	0.06	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.26	0.40
2016-01-02 21:00	5			4.08	5.00			0.00	0.00	20.79	20.90	0.00	0.00	0.00	0.00
2016-01-02 21:00	8			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	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)
2016-01-02 21:00	10			1.90	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 21:00	12	0.00	0.00	0.72	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 21:00	13			1.61	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 22:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.60	20.70			0.02	0.30
2016-01-02 22:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.40
2016-01-02 22:00	5			3.85	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-01-02 22:00	8			4.03	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.60
2016-01-02 22:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 22:00	12	0.00	0.00	1.14	17.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 22:00	13			1.73	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-01-02 23:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.03	0.60
2016-01-02 23:00	2	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.40
2016-01-02 23:00	5			3.92	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-01-02 23:00	8			3.89	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-02 23:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 23:00	12	0.00	0.00	0.75	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-02 23:00	13			1.83	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-01-03 00:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.62	20.70			0.02	0.30
2016-01-03 00:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.37	0.70
2016-01-03 00:00	5			4.07	6.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-01-03 00:00	8			3.82	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 00:00	10			1.95	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 00:00	12	0.00	0.00	1.26	15.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 00:00	13			1.83	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2016-01-03 01:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.01	0.30
2016-01-03 01:00	2	0.01	0.10			0.00	0.10	0.00	0.00	20.90	20.90			0.44	0.60
2016-01-03 01:00	5			3.86	4.00			0.00	0.00	20.56	20.70	0.00	0.00	0.00	0.00
2016-01-03 01:00	8			3.18	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.60
2016-01-03 01:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 01:00	12	0.00	0.00	1.11	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 01:00	13			1.70	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	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)
2016-01-03 02:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.59	20.70			0.01	0.30
2016-01-03 02:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-03 02:00	5			3.90	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-01-03 02:00	8			3.11	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 02:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 02:00	12	0.00	0.00	0.83	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 02:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.10
2016-01-03 03:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2016-01-03 03:00	2	0.02	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.43	0.60
2016-01-03 03:00	5			3.90	5.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2016-01-03 03:00	8			3.18	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	1.20
2016-01-03 03:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 03:00	12	0.00	0.00	1.37	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 03:00	13			1.70	3.00			0.00	0.00	20.81	20.90	0.00	0.00	0.09	0.10
2016-01-03 04:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.58	20.70			0.00	0.00
2016-01-03 04:00	2	0.01	0.10			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-03 04:00	5			3.93	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-01-03 04:00	8			3.15	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.60
2016-01-03 04:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 04:00	12	0.00	0.00	0.71	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 04:00	13			1.95	4.00			0.00	0.00	20.89	20.90	0.00	0.00	0.09	0.10
2016-01-03 05:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.58	20.70			0.01	0.30
2016-01-03 05:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.41	0.60
2016-01-03 05:00	5			3.95	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-01-03 05:00	8			3.09	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-03 05:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 05:00	12	0.00	0.00	1.08	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 05:00	13			1.83	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.10
2016-01-03 06:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.55	20.60			0.01	0.30
2016-01-03 06:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.45	0.60
2016-01-03 06:00	5			3.87	5.00			0.00	0.00	20.51	20.60	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)
2016-01-03 06:00	8			2.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 06:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 06:00	12	0.00	0.00	0.98	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 06:00	13			1.89	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.09	0.20
2016-01-03 07:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-03 07:00	2	0.02	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.52	0.60
2016-01-03 07:00	5			4.03	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-01-03 07:00	8			2.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 07:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 07:00	12	0.00	0.00	0.95	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 07:00	13			1.79	4.00			0.00	0.00	20.89	20.90	0.00	0.00	0.09	0.10
2016-01-03 08:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.48	20.60			0.04	1.00
2016-01-03 08:00	2	0.02	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.40	0.60
2016-01-03 08:00	5			4.05	5.00			0.00	0.00	20.46	20.50	0.00	0.00	0.00	0.00
2016-01-03 08:00	8			2.75	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2016-01-03 08:00	12	0.01	0.20	1.41	14.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 08:00	13			2.03	4.00			0.00	0.00	20.61	20.70	0.00	0.00	0.05	0.10
2016-01-03 09:00	1	0.14	0.70			0.00	0.00	0.00	0.00	20.49	20.60			0.03	0.30
2016-01-03 09:00	2	0.01	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.40
2016-01-03 09:00	5			4.05	5.00			0.00	0.00	20.55	20.70	0.00	0.00	0.00	0.00
2016-01-03 09:00	8			2.95	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 09:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 09:00	12	0.00	0.00	1.10	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 09:00	13			2.00	3.00			0.00	0.00	20.73	20.90	0.00	0.00	0.01	0.10
2016-01-03 10:00	1	0.10	0.50			0.00	0.00	0.00	0.00	20.65	20.90			0.08	0.30
2016-01-03 10:00	2	0.01	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.06	0.30
2016-01-03 10:00	5			3.93	5.00			0.00	0.00	20.78	20.90	0.00	0.00	0.00	0.00
2016-01-03 10:00	8			3.00	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 10:00	12	0.00	0.00	1.37	20.00			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)
2016-01-03 10:00	13			1.74	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 11:00	1	0.06	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.13	0.60
2016-01-03 11:00	2	0.02	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.05	0.30
2016-01-03 11:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-03 11:00	8			3.67	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.60
2016-01-03 11:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 11:00	12	0.00	0.00	1.45	20.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 11:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 12:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.60
2016-01-03 12:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 12:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 12:00	8			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 12:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 12:00	12	0.00	0.00	0.89	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 12:00	13			1.95	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 13:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2016-01-03 13:00	2	0.00	0.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 13:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-03 13:00	8			4.53	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 13:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 13:00	12	0.00	0.00	1.35	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 13:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 14:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.80	20.90			0.11	1.00
2016-01-03 14:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.20
2016-01-03 14:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 14:00	8			5.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-03 14:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 14:00	12	0.00	0.00	0.90	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 14:00	13			1.74	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 15:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.65	20.90			0.04	0.30
2016-01-03 15:00	2	0.00	0.10			0.00	0.00	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)
2016-01-03 15:00	5			3.88	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 15:00	8			4.93	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 15:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 15:00	12	0.06	2.40	1.56	19.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 15:00	13			1.82	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 16:00	1	0.00	0.20			0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.00
2016-01-03 16:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.15	0.30
2016-01-03 16:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 16:00	8			4.22	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 16:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 16:00	12	0.00	0.00	1.00	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 16:00	13			1.78	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 17:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2016-01-03 17:00	2	0.02	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.30	0.60
2016-01-03 17:00	5			4.05	6.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2016-01-03 17:00	8			3.71	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 17:00	10			1.94	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 17:00	12	0.00	0.00	1.22	11.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 17:00	13			1.80	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 18:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.62	20.70			0.00	0.00
2016-01-03 18:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.39	0.60
2016-01-03 18:00	5			3.92	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-01-03 18:00	8			3.03	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.60
2016-01-03 18:00	10			1.56	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 18:00	12	0.00	0.00	0.45	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 18:00	13			1.55	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-01-03 19:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.60	20.70			0.01	0.30
2016-01-03 19:00	2	0.01	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.46	0.60
2016-01-03 19:00	5			3.97	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-01-03 19:00	8			2.74	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-03 19:00	10			1.84	2.00	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)
2016-01-03 19:00	12	0.00	0.00	0.83	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 19:00	13			1.46	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-01-03 20:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2016-01-03 20:00	2	0.01	0.10			0.01	0.10	0.00	0.00	20.90	20.90			0.51	0.60
2016-01-03 20:00	5			3.74	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2016-01-03 20:00	8			2.17	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-03 20:00	10			1.70	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 20:00	12	0.00	0.00	0.97	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 20:00	13			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-01-03 21:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-01-03 21:00	2	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.48	0.60
2016-01-03 21:00	5			3.83	4.00			0.00	0.00	20.55	20.90	0.00	0.00	0.00	0.00
2016-01-03 21:00	8			2.10	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-03 21:00	10			1.68	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 21:00	12	0.00	0.00	1.03	16.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 21:00	13			1.42	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.10
2016-01-03 22:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-03 22:00	2	0.03	0.20			0.02	0.10	0.00	0.00	20.90	20.90			0.52	0.70
2016-01-03 22:00	5			3.86	4.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2016-01-03 22:00	8			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.60
2016-01-03 22:00	10			1.71	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 22:00	12	0.00	0.10	0.55	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 22:00	13			1.34	3.00			0.00	0.00	20.86	20.90	0.00	0.00	0.09	0.10
2016-01-03 23:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-03 23:00	2	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.46	0.70
2016-01-03 23:00	5			3.76	4.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2016-01-03 23:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-03 23:00	10			1.46	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 23:00	12	0.00	0.00	0.86	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-03 23:00	13			1.33	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.10	0.10
2016-01-04 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.49	20.50			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)
2016-01-04 00:00	2	0.02	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.45	0.60
2016-01-04 00:00	5			3.89	4.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2016-01-04 00:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-04 00:00	10			1.35	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 00:00	12	0.00	0.00	0.95	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 00:00	13			1.40	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.10	0.10
2016-01-04 01:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 01:00	2	0.03	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.43	0.60
2016-01-04 01:00	5			3.77	4.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2016-01-04 01:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-04 01:00	10			1.49	3.00	0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2016-01-04 01:00	12	0.00	0.00	0.89	13.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 01:00	13			1.25	2.00			0.00	0.00	20.63	20.70	0.00	0.00	0.09	0.10
2016-01-04 02:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 02:00	2	0.03	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-04 02:00	5			3.84	4.00			0.00	0.00	20.48	20.60	0.00	0.00	0.00	0.00
2016-01-04 02:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-01-04 02:00	10			1.32	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 02:00	12	0.00	0.00	0.28	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 02:00	13			1.26	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.07	0.10
2016-01-04 03:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 03:00	2	0.03	0.20			0.01	0.10	0.00	0.00	20.90	20.90			0.46	0.60
2016-01-04 03:00	5			3.92	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2016-01-04 03:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-04 03:00	10			1.42	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 03:00	12	0.00	0.00	0.46	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 03:00	13			1.51	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.06	0.10
2016-01-04 04:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 04:00	2	0.03	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-04 04:00	5			3.64	5.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2016-01-04 04:00	8			2.00	2.00			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)
2016-01-04 04:00	10			1.45	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 04:00	12	0.00	0.00	0.23	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 04:00	13			1.46	2.00			0.00	0.00	20.67	20.70	0.00	0.00	0.05	0.10
2016-01-04 05:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 05:00	2	0.04	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.44	0.60
2016-01-04 05:00	5			3.78	5.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2016-01-04 05:00	8			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-04 05:00	10			1.50	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 05:00	12	0.00	0.00	0.55	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 05:00	13			1.41	2.00			0.00	0.00	20.67	20.70	0.00	0.00	0.03	0.20
2016-01-04 06:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 06:00	2	0.02	0.20			0.00	0.10	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-04 06:00	5			3.69	5.00			0.00	0.00	20.40	20.50	0.00	0.00	0.00	0.00
2016-01-04 06:00	8			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-04 06:00	10			1.33	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 06:00	12	0.00	0.00	0.82	17.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 06:00	13			1.32	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.04	0.10
2016-01-04 07:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2016-01-04 07:00	2	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.42	0.60
2016-01-04 07:00	5			3.69	4.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2016-01-04 07:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-04 07:00	10			1.38	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 07:00	12	0.00	0.00	0.54	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 07:00	13			1.22	2.00			0.00	0.00	20.66	20.70	0.00	0.00	0.03	0.10
2016-01-04 08:00	1	0.04	0.60			0.00	0.00	0.00	0.00	20.48	20.50			0.00	0.00
2016-01-04 08:00	2	0.06	1.60			0.01	0.10	0.00	0.00	20.90	20.90			0.37	0.60
2016-01-04 08:00	5			3.78	5.00			0.00	0.00	20.45	20.60	0.00	0.00	0.00	0.00
2016-01-04 08:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-01-04 08:00	10			1.50	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 08:00	12	0.00	0.00	0.97	12.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 08:00	13			1.20	3.00			0.00	0.00	20.63	20.70	0.00	0.00	0.01	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)
2016-01-04 09:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.50	20.60			0.01	0.30
2016-01-04 09:00	2	0.04	0.50			0.00	0.10	0.00	0.00	20.90	20.90			0.32	0.60
2016-01-04 09:00	5			3.88	4.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-01-04 09:00	8			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-04 09:00	10			1.38	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 09:00	12	0.00	0.00	0.36	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 09:00	13			1.44	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2016-01-04 10:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2016-01-04 10:00	2	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.19	0.30
2016-01-04 10:00	5			3.82	4.00			0.00	0.00	20.76	20.90	0.00	0.00	0.00	0.00
2016-01-04 10:00	8			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	1.20
2016-01-04 10:00	10			1.49	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 10:00	12	0.00	0.00	0.46	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 10:00	13			1.28	3.00			0.00	0.00	20.82	20.90	0.00	0.00	0.00	0.00
2016-01-04 11:00	1	0.08	0.40			0.00	0.00	0.00	0.00	20.59	20.70			0.07	0.60
2016-01-04 11:00	2	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.07	0.30
2016-01-04 11:00	5			3.66	4.00			0.00	0.00	20.71	20.90	0.00	0.00	0.00	0.00
2016-01-04 11:00	8			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.60
2016-01-04 11:00	10			1.53	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 11:00	12	0.00	0.00	0.33	2.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 11:00	13			1.26	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-04 12:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.63	20.70			0.05	0.30
2016-01-04 12:00	2	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 12:00	5			3.80	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-01-04 12:00	8			2.43	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-01-04 12:00	10			1.42	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 12:00	12	0.00	0.00	0.83	1.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-01-04 12:00	13			1.55	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00