

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)
2016-07-25 12:00	1	0.05	0.30			0.00	0.10	0.00	0.00	20.90	20.90			1.24	2.10
2016-07-25 12:00	2	0.29	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 12:00	5			3.95	4.00			0.00	0.00	20.56	20.60	0.00	0.00	0.02	0.60
2016-07-25 12:00	8			14.80	22.00			0.00	0.00	20.57	20.70	0.00	0.00	0.00	0.00
2016-07-25 12:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 12:00	12	0.00	0.00	8.62	11.00			0.00	0.00	20.90	20.90			0.12	0.20
2016-07-25 12:00	13			3.60	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	0.70
2016-07-25 13:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			1.25	1.80
2016-07-25 13:00	2	0.19	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 13:00	5			4.07	6.00			0.00	0.00	20.60	20.70	0.00	0.00	0.08	1.20
2016-07-25 13:00	8			15.90	21.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-07-25 13:00	10			4.37	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 13:00	12	0.00	0.00	14.80	20.00			0.00	0.00	20.90	20.90			0.04	0.20
2016-07-25 13:00	13			5.68	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.07	0.50
2016-07-25 14:00	1	0.03	0.30			0.01	0.10	0.00	0.00	20.90	20.90			1.30	2.10
2016-07-25 14:00	2	0.21	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 14:00	5			3.97	6.00			0.00	0.00	20.62	20.70	0.00	0.00	0.01	0.60
2016-07-25 14:00	8			13.97	23.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-07-25 14:00	10			4.15	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 14:00	12	0.00	0.00	20.15	27.00			0.00	0.00	20.90	20.90			0.02	0.20
2016-07-25 14:00	13			6.02	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.30
2016-07-25 15:00	1	0.04	1.30			0.01	0.10	0.00	0.00	20.90	20.90			1.30	2.10
2016-07-25 15:00	2	0.24	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 15:00	5			3.90	4.00			0.00	0.00	20.65	20.90	0.00	0.00	0.01	0.60
2016-07-25 15:00	8			16.15	22.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-25 15:00	10			4.73	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 15:00	12	0.00	0.00	23.33	33.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 15:00	13			6.07	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.30
2016-07-25 16:00	1	0.02	0.30			0.00	0.10	0.00	0.00	20.90	20.90			1.26	2.10
2016-07-25 16:00	2	0.23	3.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 16:00	5			3.95	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	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)
2016-07-25 16:00	8			15.65	21.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-25 16:00	10			4.55	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 16:00	12	0.00	0.00	23.70	28.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-07-25 16:00	13			6.20	10.00			0.00	0.00	20.90	20.90	0.00	0.10	0.07	0.50
2016-07-25 17:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			1.26	2.10
2016-07-25 17:00	2	0.15	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 17:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.60
2016-07-25 17:00	8			16.33	24.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-25 17:00	10			5.00	9.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 17:00	12	0.02	0.90	23.22	26.00			0.00	0.00	20.90	20.90			0.00	0.20
2016-07-25 17:00	13			7.33	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.50
2016-07-25 18:00	1	0.01	0.20			0.00	0.10	0.00	0.00	20.90	20.90			1.23	2.10
2016-07-25 18:00	2	0.09	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 18:00	5			4.10	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-25 18:00	8			20.53	26.00			0.00	0.00	20.83	20.90	0.00	0.00	0.00	0.00
2016-07-25 18:00	10			6.00	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 18:00	12	0.00	0.00	20.32	27.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-07-25 18:00	13			6.30	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.30
2016-07-25 19:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.22	1.80
2016-07-25 19:00	2	0.08	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 19:00	5			4.08	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-25 19:00	8			19.50	28.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-25 19:00	10			4.82	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 19:00	12	0.00	0.00	13.40	17.00			0.00	0.00	20.90	20.90			0.01	0.20
2016-07-25 19:00	13			4.83	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.50
2016-07-25 20:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			1.26	1.80
2016-07-25 20:00	2	0.10	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 20:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-07-25 20:00	8			17.48	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-25 20:00	10			4.42	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-25 20:00	12	0.00	0.00	9.17	11.00			0.00	0.00	20.90	20.90			0.01	0.30

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2016-07-25 20:00	13			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.31	0.70
2016-07-25 21:00	1	0.03	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.29	2.40
2016-07-25 21:00	2	0.32	12.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 21:00	5			3.98	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.06	0.60
2016-07-25 21:00	8			18.97	24.00			0.00	0.00	20.79	20.90	0.00	0.00	0.00	0.00
2016-07-25 21:00	10			3.98	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-25 21:00	12	0.00	0.00	8.05	10.00			0.00	0.00	20.90	20.90			0.02	0.40
2016-07-25 21:00	13			2.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.40	0.70
2016-07-25 22:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			1.21	1.80
2016-07-25 22:00	2	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 22:00	5			4.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-07-25 22:00	8			16.55	21.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.00
2016-07-25 22:00	10			3.97	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-25 22:00	12	0.00	0.00	6.63	8.00			0.00	0.00	20.90	20.90			0.04	0.40
2016-07-25 22:00	13			2.62	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.49	0.90
2016-07-25 23:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.21	1.80
2016-07-25 23:00	2	0.19	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-25 23:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-25 23:00	8			16.08	20.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2016-07-25 23:00	10			3.98	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-25 23:00	12	0.00	0.00	5.98	8.00			0.00	0.00	20.90	20.90			0.03	0.40
2016-07-25 23:00	13			2.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.39	0.50
2016-07-26 00:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.16	1.80
2016-07-26 00:00	2	0.19	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 00:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.60
2016-07-26 00:00	8			16.02	20.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-07-26 00:00	10			3.97	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 00:00	12	0.00	0.00	5.95	8.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 00:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.36	0.50
2016-07-26 01:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.14	1.80
2016-07-26 01:00	2	0.22	0.70			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)
2016-07-26 01:00	5			3.93	5.00			0.00	0.00	20.82	20.90	0.00	0.00	0.07	0.60
2016-07-26 01:00	8			16.07	19.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-26 01:00	10			3.95	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 01:00	12	0.00	0.00	5.98	7.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-07-26 01:00	13			2.67	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.37	0.70
2016-07-26 02:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			1.12	1.80
2016-07-26 02:00	2	0.22	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 02:00	5			4.08	7.00			0.00	0.00	20.64	20.90	0.00	0.00	0.00	0.00
2016-07-26 02:00	8			15.82	19.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-26 02:00	10			3.82	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 02:00	12	0.00	0.00	5.77	7.00			0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 02:00	13			2.52	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.46	0.70
2016-07-26 03:00	1	0.02	0.50			0.00	0.00	0.00	0.00	20.90	20.90			1.15	1.80
2016-07-26 03:00	2	0.20	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 03:00	5			4.05	6.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-07-26 03:00	8			19.98	30.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-26 03:00	10			3.42	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 03:00	12	0.00	0.00	7.37	8.00			0.00	0.00	20.90	20.90			0.12	0.50
2016-07-26 03:00	13			2.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.46	0.70
2016-07-26 04:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.06	2.10
2016-07-26 04:00	2	0.29	3.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 04:00	5			4.12	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-26 04:00	8			23.67	27.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2016-07-26 04:00	10			3.53	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 04:00	12	0.00	0.00	7.18	11.00			0.00	0.00	20.90	20.90			0.22	0.50
2016-07-26 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.52	0.70
2016-07-26 05:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			1.06	1.80
2016-07-26 05:00	2	0.25	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 05:00	5			4.18	7.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2016-07-26 05:00	8			22.98	25.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-07-26 05:00	10			3.92	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10

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2016-07-26 05:00	12	0.00	0.00	6.95	8.00			0.00	0.00	20.90	20.90			0.04	0.40
2016-07-26 05:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	0.90
2016-07-26 06:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			1.01	1.80
2016-07-26 06:00	2	0.33	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 06:00	5			4.03	6.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2016-07-26 06:00	8			22.28	24.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2016-07-26 06:00	10			4.02	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 06:00	12	0.00	0.00	7.28	8.00			0.00	0.00	20.90	20.90			0.06	0.40
2016-07-26 06:00	13			2.07	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.52	0.90
2016-07-26 07:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			1.06	1.50
2016-07-26 07:00	2	0.31	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 07:00	5			4.13	6.00			0.00	0.00	20.62	20.70	0.00	0.00	0.02	0.60
2016-07-26 07:00	8			23.42	28.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-07-26 07:00	10			3.63	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 07:00	12	0.00	0.00	7.88	11.00			0.00	0.00	20.90	20.90			0.10	0.40
2016-07-26 07:00	13			2.15	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	0.70
2016-07-26 08:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			1.17	1.80
2016-07-26 08:00	2	0.32	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 08:00	5			4.17	7.00			0.00	0.00	20.61	20.70	0.00	0.00	0.07	0.60
2016-07-26 08:00	8			17.57	26.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2016-07-26 08:00	10			3.62	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 08:00	12	0.00	0.00	7.73	10.00			0.00	0.00	20.90	20.90			0.10	0.40
2016-07-26 08:00	13			2.77	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.42	0.70
2016-07-26 09:00	1	0.02	0.30			0.00	0.10	0.00	0.00	20.90	20.90			1.20	1.80
2016-07-26 09:00	2	0.20	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 09:00	5			4.23	6.00			0.00	0.00	20.60	20.70	0.00	0.00	0.02	0.60
2016-07-26 09:00	8			18.72	26.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2016-07-26 09:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 09:00	12	0.00	0.00	9.72	17.00			0.00	0.00	20.90	20.90			0.01	0.30
2016-07-26 09:00	13			4.97	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.14	0.50
2016-07-26 10:00	8			15.28	20.00			0.00	0.00	20.57	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)
2016-07-26 13:00	8			13.00	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 14:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.90
2016-07-26 14:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.30
2016-07-26 14:00	5			4.29	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 14:00	8			12.61	16.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-07-26 14:00	10			4.10	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 14:00	12	0.33	1.70	23.90	27.00			0.00	0.00	20.60	20.60			0.51	0.70
2016-07-26 14:00	13			15.53	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 15:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.90
2016-07-26 15:00	2	0.30	3.00			0.00	0.00	0.00	0.00	20.90	20.90			0.14	0.30
2016-07-26 15:00	5			4.03	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-07-26 15:00	8			13.97	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-26 15:00	10			4.27	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 15:00	12	0.06	0.40	26.28	32.00			0.00	0.00	20.63	20.70			0.57	1.10
2016-07-26 15:00	13			12.23	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2016-07-26 16:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.15	2.90
2016-07-26 16:00	2	0.11	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.09	0.30
2016-07-26 16:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 16:00	8			12.77	16.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.10
2016-07-26 16:00	10			4.25	7.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 16:00	12	0.05	0.60	26.33	35.00			0.00	0.00	20.81	20.90			0.47	1.10
2016-07-26 16:00	13			10.37	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2016-07-26 17:00	1	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.15	1.90
2016-07-26 17:00	2	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.12	0.30
2016-07-26 17:00	5			3.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 17:00	8			12.13	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-07-26 17:00	10			7.40	15.00	0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 17:00	12	0.03	0.60	27.56	38.00			0.00	0.00	20.85	20.90			0.54	1.30
2016-07-26 17:00	13			12.17	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2016-07-26 18:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.06	1.90
2016-07-26 18:00	2	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.52	0.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-07-26 18:00	5			5.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 18:00	8			18.86	26.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-26 18:00	10			12.10	16.00	0.00	0.00	0.00	0.00	20.93	21.60			0.00	0.00
2016-07-26 18:00	12	0.00	0.00	25.58	34.00			0.00	0.00	20.90	20.90			1.08	1.70
2016-07-26 18:00	13			9.97	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	1.20
2016-07-26 19:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-26 19:00	2	0.20	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.84	1.10
2016-07-26 19:00	5			4.80	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 19:00	8			12.83	20.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-26 19:00	10			6.58	10.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 19:00	12	0.00	0.00	11.53	18.00			0.00	0.00	20.60	20.70			1.22	1.50
2016-07-26 19:00	13			4.87	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.77	1.20
2016-07-26 20:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-26 20:00	2	0.20	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.88	1.00
2016-07-26 20:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 20:00	8			10.35	14.00			0.00	0.00	20.90	20.90	0.00	0.10	0.06	0.30
2016-07-26 20:00	10			4.35	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-26 20:00	12	0.00	0.00	7.95	12.00			0.00	0.00	20.49	20.60			1.25	2.10
2016-07-26 20:00	13			3.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.73	1.20
2016-07-26 21:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.24	1.90
2016-07-26 21:00	2	0.31	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.88	1.00
2016-07-26 21:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 21:00	8			8.52	12.00			0.00	0.00	20.84	20.90	0.00	0.00	0.06	0.30
2016-07-26 21:00	10			4.03	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-26 21:00	12	0.01	0.20	6.23	7.00			0.00	0.00	20.50	20.50			1.26	2.30
2016-07-26 21:00	13			2.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.79	0.90
2016-07-26 22:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.31	1.90
2016-07-26 22:00	2	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.89	1.00
2016-07-26 22:00	5			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 22:00	8			10.93	19.00					20.65	20.70	0.00	0.00	0.05	0.30
2016-07-26 22:00	10			3.73	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	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)
2016-07-26 22:00	12	0.01	0.30	6.33	9.00			0.00	0.00	20.50	20.50			1.34	2.30
2016-07-26 22:00	13			2.68	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.85	1.50
2016-07-26 23:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-26 23:00	2	0.26	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.88	1.00
2016-07-26 23:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-26 23:00	8			13.80	20.00					20.64	20.70	0.00	0.00	0.04	0.20
2016-07-26 23:00	10			3.25	4.00	0.00	0.00	0.00	0.00	20.80	20.90			0.01	0.10
2016-07-26 23:00	12	0.01	0.40	6.98	8.00			0.00	0.00	20.50	20.50			1.30	2.10
2016-07-26 23:00	13			2.68	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.85	1.20
2016-07-27 00:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 00:00	2	0.29	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.00
2016-07-27 00:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 00:00	8			19.15	22.00					20.60	20.70	0.00	0.00	0.06	0.20
2016-07-27 00:00	10			3.90	5.00	0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.10
2016-07-27 00:00	12	0.00	0.10	6.40	8.00			0.00	0.00	20.49	20.60			1.38	2.70
2016-07-27 00:00	13			2.17	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.93	1.80
2016-07-27 01:00	1	0.07	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-27 01:00	2	0.29	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.91	1.10
2016-07-27 01:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 01:00	8			19.87	23.00					20.59	20.70	0.00	0.00	0.06	0.20
2016-07-27 01:00	10			3.90	4.00	0.00	0.00	0.00	0.00	20.62	20.70			0.01	0.10
2016-07-27 01:00	12	0.03	0.20	6.02	7.00			0.00	0.00	20.42	20.50			1.37	1.90
2016-07-27 01:00	13			2.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.89	1.50
2016-07-27 02:00	1	0.05	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 02:00	2	0.29	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.91	1.10
2016-07-27 02:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 02:00	8			20.28	23.00					20.60	20.60	0.00	0.00	0.06	0.20
2016-07-27 02:00	10			3.97	5.00	0.00	0.00	0.00	0.00	20.85	20.90			0.00	0.10
2016-07-27 02:00	12	0.01	0.20	5.77	7.00			0.00	0.00	20.42	20.50			1.47	2.30
2016-07-27 02:00	13			2.30	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.89	1.20
2016-07-27 03:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.67	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)
2016-07-27 03:00	2	0.27	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.00
2016-07-27 03:00	5			4.07	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 03:00	8			20.93	24.00					20.60	20.70	0.00	0.00	0.08	0.20
2016-07-27 03:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.65	20.90			0.01	0.10
2016-07-27 03:00	12	0.01	0.20	5.88	8.00			0.00	0.00	20.43	20.50			1.40	2.50
2016-07-27 03:00	13			2.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.89	1.20
2016-07-27 04:00	1	0.03	0.50			0.00	0.00	0.00	0.00	20.63	20.70			0.02	0.90
2016-07-27 04:00	2	0.21	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.00
2016-07-27 04:00	5			3.90	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 04:00	8			21.30	24.00					20.60	20.60	0.00	0.00	0.05	0.20
2016-07-27 04:00	10			3.85	5.00	0.00	0.00	0.00	0.00	20.61	20.70			0.01	0.10
2016-07-27 04:00	12	0.00	0.10	6.20	8.00			0.00	0.00	20.43	20.50			1.37	2.50
2016-07-27 04:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.90	1.20
2016-07-27 05:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2016-07-27 05:00	2	0.18	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.10
2016-07-27 05:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.00	0.00
2016-07-27 05:00	8			21.93	24.00					20.60	20.60	0.00	0.00	0.05	0.30
2016-07-27 05:00	10			3.98	5.00	0.00	0.00	0.00	0.00	20.63	20.70			0.00	0.10
2016-07-27 05:00	12	0.00	0.00	6.42	8.00			0.00	0.00	20.46	20.50			1.45	2.70
2016-07-27 05:00	13			2.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.90	1.20
2016-07-27 06:00	1	0.02	0.50			0.00	0.00	0.00	0.00	20.67	20.70			0.02	0.90
2016-07-27 06:00	2	0.25	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.20
2016-07-27 06:00	5			4.07	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 06:00	8			22.20	24.00					20.62	20.70	0.00	0.00	0.06	0.20
2016-07-27 06:00	10			3.92	4.00	0.00	0.00	0.00	0.00	20.64	20.70			0.01	0.10
2016-07-27 06:00	12	0.00	0.20	6.92	9.00			0.00	0.00	20.47	20.60			1.30	1.70
2016-07-27 06:00	13			2.12	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.71	1.20
2016-07-27 07:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.64	20.70			0.03	0.90
2016-07-27 07:00	2	0.22	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.90	1.00
2016-07-27 07:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 07:00	8			21.35	25.00			0.00	0.00	20.64	20.90	0.00	0.10	0.03	0.20

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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)
2016-07-27 07:00	10			3.75	6.00	0.00	0.00	0.00	0.00	20.69	20.90			0.00	0.10
2016-07-27 07:00	12	0.00	0.10	7.48	11.00			0.00	0.00	20.50	20.60			1.34	1.70
2016-07-27 07:00	13			2.23	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.71	0.90
2016-07-27 08:00	1	0.07	0.60			0.00	0.00	0.00	0.00	20.61	20.70			0.02	0.90
2016-07-27 08:00	2	0.34	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.81	1.20
2016-07-27 08:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 08:00	8			17.83	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2016-07-27 08:00	10			3.63	5.00	0.00	0.00	0.00	0.00	20.82	20.90			0.00	0.00
2016-07-27 08:00	12	0.03	0.50	8.30	13.00			0.00	0.00	20.50	20.50			1.72	2.30
2016-07-27 08:00	13			2.13	3.00			0.00	0.00	20.90	20.90	0.00	0.10	0.66	1.20
2016-07-27 09:00	1	0.16	0.80			0.00	0.00	0.00	0.00	20.63	20.70			0.17	2.90
2016-07-27 09:00	2	0.29	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.62	0.80
2016-07-27 09:00	5			4.07	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 09:00	8			18.62	25.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.20
2016-07-27 09:00	10			3.98	5.00	0.00	0.00	0.00	0.00	20.67	20.90			0.00	0.00
2016-07-27 09:00	12	0.24	0.80	10.88	14.00			0.00	0.00	20.49	20.60			0.97	1.90
2016-07-27 09:00	13			3.50	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.32	0.90
2016-07-27 10:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.61	20.70			0.08	1.90
2016-07-27 10:00	2	0.22	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.56	0.70
2016-07-27 10:00	5			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.80
2016-07-27 10:00	8			15.10	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-27 10:00	10			4.12	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 10:00	12	0.22	0.70	13.87	17.00			0.00	0.00	20.52	20.60			0.62	1.50
2016-07-27 10:00	13			4.75	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.21	0.60
2016-07-27 11:00	1	0.13	0.60			0.00	0.00	0.00	0.00	20.64	20.70			0.03	0.90
2016-07-27 11:00	2	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.43	0.60
2016-07-27 11:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 11:00	8			13.18	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-07-27 11:00	10			4.43	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 11:00	12	0.29	0.90	21.45	27.00			0.00	0.00	20.56	20.60			0.49	1.30
2016-07-27 11:00	13			5.87	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.30

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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)
2016-07-27 12:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.88	20.90			0.15	1.90
2016-07-27 12:00	2	0.27	1.70			0.00	0.00	0.00	0.00	20.90	20.90			0.30	0.40
2016-07-27 12:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.80
2016-07-27 12:00	8			12.45	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-07-27 12:00	10			4.10	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 12:00	12	0.32	0.90	26.00	31.00			0.00	0.00	20.60	20.70			0.42	1.10
2016-07-27 12:00	13			6.08	9.00			0.00	0.00	20.90	20.90	0.00	0.10	0.06	0.60
2016-07-27 13:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.11	0.90
2016-07-27 13:00	2	0.17	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.24	0.30
2016-07-27 13:00	5			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 13:00	8			12.77	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 13:00	10			4.03	6.00			0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 13:00	12	0.37	0.80	23.98	32.00			0.00	0.00	20.59	20.70			0.31	0.90
2016-07-27 13:00	13			7.10	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-07-27 14:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.14	1.90
2016-07-27 14:00	2	0.19	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.20	0.30
2016-07-27 14:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.80
2016-07-27 14:00	8			13.30	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 14:00	10			3.95	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 14:00	12	0.37	0.90	25.63	32.00			0.00	0.00	20.63	20.70			0.16	0.90
2016-07-27 14:00	13			8.00	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-07-27 15:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.90
2016-07-27 15:00	2	0.23	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.21	0.30
2016-07-27 15:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 15:00	8			14.60	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-07-27 15:00	10			4.67	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 15:00	12	0.35	1.00	24.60	29.00			0.00	0.00	20.66	20.70			0.13	0.70
2016-07-27 15:00	13			7.73	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.30
2016-07-27 16:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.90
2016-07-27 16:00	2	0.18	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.30
2016-07-27 16:00	5			3.92	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)
2016-07-27 16:00	8			10.25	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 16:00	10			3.67	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 16:00	12	0.63	1.60	15.13	22.00			0.00	0.00	20.54	20.60			0.02	0.30
2016-07-27 16:00	13			8.92	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2016-07-27 17:00	1	0.26	4.60			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.90
2016-07-27 17:00	2	0.13	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.50
2016-07-27 17:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 17:00	8			15.12	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 17:00	10			6.72	12.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 17:00	12	0.26	0.80	23.82	37.00			0.00	0.00	20.74	20.90			0.02	0.30
2016-07-27 17:00	13			11.93	16.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.30
2016-07-27 18:00	1	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.08	1.90
2016-07-27 18:00	2	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.47	0.60
2016-07-27 18:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 18:00	8			15.35	21.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-27 18:00	10			11.03	15.00	0.00	0.00	0.00	0.00	21.01	21.90			0.00	0.00
2016-07-27 18:00	12	0.01	0.10	33.12	39.00			0.00	0.00	20.90	20.90			0.35	1.30
2016-07-27 18:00	13			9.00	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.90
2016-07-27 19:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.12	1.90
2016-07-27 19:00	2	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.65	0.90
2016-07-27 19:00	5			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 19:00	8			12.85	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.30
2016-07-27 19:00	10			7.87	11.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 19:00	12	0.00	0.00	21.45	32.00			0.00	0.00	20.90	20.90			0.75	1.50
2016-07-27 19:00	13			5.70	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.60	1.50
2016-07-27 20:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.90
2016-07-27 20:00	2	0.19	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.77	0.90
2016-07-27 20:00	5			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.80
2016-07-27 20:00	8			10.38	15.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-27 20:00	10			5.37	8.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2016-07-27 20:00	12	0.00	0.10	13.47	17.00			0.00	0.00	20.68	20.90			1.22	1.90

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2016-07-27 20:00	13			4.37	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.72	0.90
2016-07-27 21:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-27 21:00	2	0.25	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.87	1.20
2016-07-27 21:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 21:00	8			10.30	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-27 21:00	10			4.33	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-27 21:00	12	0.00	0.10	9.80	14.00			0.00	0.00	20.58	20.60			1.06	1.30
2016-07-27 21:00	13			3.20	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.78	0.90
2016-07-27 22:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.90
2016-07-27 22:00	2	0.16	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.76	1.20
2016-07-27 22:00	5			4.03	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 22:00	8			8.30	10.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-27 22:00	10			3.93	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-27 22:00	12	0.00	0.00	8.02	10.00			0.00	0.00	20.51	20.60			1.32	2.10
2016-07-27 22:00	13			3.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.78	1.20
2016-07-27 23:00	1	0.02	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.90
2016-07-27 23:00	2	0.20	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.75	1.10
2016-07-27 23:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-27 23:00	8			8.55	11.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.10
2016-07-27 23:00	10			4.22	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-27 23:00	12	0.00	0.20	7.93	12.00			0.00	0.00	20.54	20.60			1.52	2.10
2016-07-27 23:00	13			3.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.81	0.90
2016-07-28 00:00	1	0.01	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-28 00:00	2	0.23	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.84	1.20
2016-07-28 00:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 00:00	8			10.93	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-28 00:00	10			4.07	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-28 00:00	12	0.00	0.00	8.30	10.00			0.00	0.00	20.57	20.60			1.10	2.10
2016-07-28 00:00	13			3.00	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.80	1.20
2016-07-28 01:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-28 01:00	2	0.15	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.89	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)
2016-07-28 01:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 01:00	8			11.87	14.00			0.00	0.00	20.90	20.90	0.00	0.00	0.05	0.20
2016-07-28 01:00	10			4.12	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-28 01:00	12	0.00	0.10	6.63	9.00			0.00	0.00	20.56	20.60			1.23	2.10
2016-07-28 01:00	13			2.75	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.84	1.20
2016-07-28 02:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.61	2.90
2016-07-28 02:00	2	0.19	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.93	1.10
2016-07-28 02:00	5			3.93	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 02:00	8			11.13	12.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-28 02:00	10			3.87	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-28 02:00	12	0.00	0.10	5.83	8.00			0.00	0.00	20.50	20.50			1.29	1.90
2016-07-28 02:00	13			2.50	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.80	1.20
2016-07-28 03:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.43	1.90
2016-07-28 03:00	2	0.25	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.93	1.00
2016-07-28 03:00	5			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 03:00	8			10.82	13.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-28 03:00	10			3.62	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-28 03:00	12	0.04	0.50	6.85	10.00			0.00	0.00	20.50	20.50			1.26	1.70
2016-07-28 03:00	13			2.77	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.86	1.50
2016-07-28 04:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.90
2016-07-28 04:00	2	0.25	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.93	1.10
2016-07-28 04:00	5			4.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 04:00	8			15.42	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.03	0.20
2016-07-28 04:00	10			3.82	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-28 04:00	12	0.03	0.40	6.72	9.00			0.00	0.00	20.50	20.50			1.12	2.30
2016-07-28 04:00	13			2.62	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.92	1.50
2016-07-28 05:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-28 05:00	2	0.33	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.96	1.10
2016-07-28 05:00	5			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 05:00	8			18.40	20.00			0.00	0.00	20.90	20.90	0.00	0.10	0.04	0.20
2016-07-28 05:00	10			3.90	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10

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)
2016-07-28 05:00	12	0.01	0.30	6.17	8.00			0.00	0.00	20.50	20.60			1.16	1.90
2016-07-28 05:00	13			2.08	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.92	1.50
2016-07-28 06:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-28 06:00	2	0.40	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.95	1.20
2016-07-28 06:00	5			4.12	7.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 06:00	8			18.52	23.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-28 06:00	10			3.83	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-28 06:00	12	0.04	0.30	5.88	8.00			0.00	0.00	20.50	20.60			1.22	2.30
2016-07-28 06:00	13			2.07	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.96	1.20
2016-07-28 07:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.20	1.90
2016-07-28 07:00	2	0.29	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.91	1.20
2016-07-28 07:00	5			3.95	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 07:00	8			19.05	23.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-28 07:00	10			3.58	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-28 07:00	12	0.04	0.40	6.03	8.00			0.00	0.00	20.50	20.60			1.09	1.50
2016-07-28 07:00	13			2.35	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.84	1.50
2016-07-28 08:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.71	20.90			0.06	0.90
2016-07-28 08:00	2	0.30	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.74	0.90
2016-07-28 08:00	5			4.12	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 08:00	8			16.93	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.04	0.20
2016-07-28 08:00	10			3.88	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2016-07-28 08:00	12	0.07	0.50	6.80	8.00			0.00	0.00	20.49	20.60			1.02	1.90
2016-07-28 08:00	13			3.63	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.51	1.50
2016-07-28 09:00	1	0.02	0.40			0.00	0.00	0.00	0.00	20.62	20.70			0.03	0.90
2016-07-28 09:00	2	0.20	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.58	0.70
2016-07-28 09:00	5			4.00	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 09:00	8			18.07	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-28 09:00	10			3.80	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2016-07-28 09:00	12	0.07	0.50	7.82	9.00			0.00	0.00	20.50	20.60			1.18	2.10
2016-07-28 09:00	13			5.87	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.90
2016-07-28 10:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.62	20.70			0.05	0.90

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)
2016-07-28 10:00	2	0.26	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.51	0.60
2016-07-28 10:00	5			3.93	5.00			0.00	0.00	20.90	20.90	0.00	0.10	0.01	0.80
2016-07-28 10:00	8			14.48	24.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-28 10:00	10			4.13	5.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-28 10:00	12	0.16	0.60	10.25	14.00			0.00	0.00	20.51	20.60			0.80	1.70
2016-07-28 10:00	13			6.50	9.00			0.00	0.00	20.90	20.90	0.00	0.10	0.09	0.60
2016-07-28 11:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.64	20.90			0.06	0.90
2016-07-28 11:00	2	0.24	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.37	0.60
2016-07-28 11:00	5			4.02	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 11:00	8			13.27	17.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2016-07-28 11:00	10			4.72	6.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-28 11:00	12	0.20	0.70	19.62	25.00			0.00	0.00	20.60	20.70			0.62	1.10
2016-07-28 11:00	13			6.73	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	0.60
2016-07-28 12:00	1	0.05	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.90
2016-07-28 12:00	2	0.21	2.70			0.00	0.00	0.00	0.00	20.90	20.90			0.36	0.50
2016-07-28 12:00	5			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2016-07-28 12:00	8			14.98	22.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2016-07-28 12:00	10			5.02	7.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2016-07-28 12:00	12	0.16	0.60	23.80	29.00			0.00	0.00	20.62	20.70			0.52	1.50
2016-07-28 12:00	13			6.73	8.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.60