

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)
2017-03-13 12:00	1	0.28	0.90			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 12:00	2	0.01	0.40					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-13 12:00	5			3.88	6.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-13 12:00	8			0.92	2.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.10
2017-03-13 12:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.00
2017-03-13 12:00	12	0.11	0.50	1.43	4.00			0.00	0.00	20.40	20.40				
2017-03-13 12:00	13			1.38	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-03-13 13:00	1	0.33	0.80			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 13:00	2	0.03	0.30					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-13 13:00	5			3.86	4.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2017-03-13 13:00	8			1.05	2.00			0.00	0.00	20.67	20.70	0.00	0.00	0.00	0.00
2017-03-13 13:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.44	20.50			0.00	0.00
2017-03-13 13:00	12	0.13	5.70	1.80	2.00			0.00	0.00	20.40	20.40				
2017-03-13 13:00	13			1.52	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-03-13 14:00	1	0.33	0.90			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 14:00	2	0.16	0.50					0.00	0.00	20.90	20.90			0.06	0.30
2017-03-13 14:00	5			4.00	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.10
2017-03-13 14:00	8			1.17	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2017-03-13 14:00	10			2.17	4.00	0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.00
2017-03-13 14:00	12	0.06	0.50	1.98	2.00			0.00	0.00	20.40	20.40				
2017-03-13 14:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-03-13 15:00	1	0.31	0.90			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 15:00	2	0.13	0.60					0.00	0.00	20.90	20.90			0.06	0.30
2017-03-13 15:00	5			4.00	6.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2017-03-13 15:00	8			1.15	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2017-03-13 15:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.41	20.50			0.00	0.00
2017-03-13 15:00	12	0.05	0.30	2.03	3.00			0.00	0.00	20.40	20.50				
2017-03-13 15:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2017-03-13 16:00	1	0.20	1.00			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 16:00	2	0.18	1.10					0.00	0.00	20.90	20.90			0.05	0.30
2017-03-13 16:00	5			3.88	4.00			0.00	0.00	20.59	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)
2017-03-13 16:00	8			0.82	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2017-03-13 16:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.38	20.50			0.00	0.00
2017-03-13 16:00	12	0.02	0.80	1.88	3.00			0.00	0.00	20.38	20.50				
2017-03-13 16:00	13			1.57	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-03-13 17:00	1	0.18	0.70			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 17:00	2	0.08	0.80					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-13 17:00	5			3.90	4.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2017-03-13 17:00	8			0.87	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2017-03-13 17:00	10			2.05	4.00	0.00	0.00	0.00	0.00	20.37	20.40			0.00	0.00
2017-03-13 17:00	12	0.02	0.20	1.73	3.00			0.00	0.00	20.40	20.40				
2017-03-13 17:00	13			1.60	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 18:00	1	0.16	0.60			0.00	0.00	0.00	0.00	20.90	20.90				
2017-03-13 18:00	2	0.15	0.50					0.00	0.00	20.90	20.90			0.03	0.20
2017-03-13 18:00	5			3.83	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2017-03-13 18:00	8			0.45	1.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2017-03-13 18:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.38	20.50			0.00	0.00
2017-03-13 18:00	12	0.02	0.20	1.33	2.00			0.00	0.00	20.40	20.40				
2017-03-13 18:00	13			1.35	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 19:00	1	0.17	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.64	0.90
2017-03-13 19:00	2	0.24	1.00					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-13 19:00	5			4.02	5.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2017-03-13 19:00	8			0.43	1.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2017-03-13 19:00	10			1.75	2.00	0.00	0.00	0.00	0.00	20.39	20.40			0.00	0.00
2017-03-13 19:00	12	0.02	0.40	1.35	3.00			0.00	0.00	20.33	20.40				
2017-03-13 19:00	13			1.40	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 20:00	1	0.16	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.65	0.80
2017-03-13 20:00	2	0.20	1.00					0.00	0.00	20.90	20.90			0.03	0.20
2017-03-13 20:00	5			3.80	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-03-13 20:00	8			0.67	1.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2017-03-13 20:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.35	20.40			0.00	0.00
2017-03-13 20:00	12	0.02	0.20	1.33	2.00			0.00	0.00	20.30	20.30				

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2017-03-13 20:00	13			1.43	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 21:00	1	0.18	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.59	0.90
2017-03-13 21:00	2	0.31	1.20					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-13 21:00	5			3.77	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2017-03-13 21:00	8			0.50	1.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2017-03-13 21:00	10			1.83	2.00	0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-03-13 21:00	12	0.02	0.40	1.35	3.00			0.00	0.00	20.30	20.30				
2017-03-13 21:00	13			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 22:00	1	0.14	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.40	0.70
2017-03-13 22:00	2	0.11	0.80					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-13 22:00	5			3.82	5.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2017-03-13 22:00	8			0.35	2.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.00
2017-03-13 22:00	10			1.85	3.00	0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-03-13 22:00	12	0.03	0.30	1.20	3.00			0.00	0.00	20.30	20.30				
2017-03-13 22:00	13			1.10	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-13 23:00	1	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.46	0.80
2017-03-13 23:00	2	0.28	0.80					0.00	0.00	20.90	20.90			0.04	0.20
2017-03-13 23:00	5			3.70	4.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2017-03-13 23:00	8			0.33	2.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2017-03-13 23:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-03-13 23:00	12	0.04	0.30	1.13	2.00			0.00	0.00	20.30	20.30				
2017-03-13 23:00	13			1.22	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 00:00	1	0.15	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.34	0.50
2017-03-14 00:00	2	0.15	0.90					0.00	0.00	20.90	20.90			0.05	0.20
2017-03-14 00:00	5			3.70	4.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 00:00	8			0.33	2.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2017-03-14 00:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-03-14 00:00	12	0.02	0.40	1.05	2.00			0.00	0.00	20.30	20.30				
2017-03-14 00:00	13			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 01:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.31	0.60
2017-03-14 01:00	2	0.27	0.90					0.00	0.00	20.90	20.90			0.01	0.20

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2017-03-14 01:00	5			3.72	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-14 01:00	8			0.62	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 01:00	10			1.90	4.00	0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-03-14 01:00	12	0.03	0.40	1.17	3.00			0.00	0.00	20.30	20.30				
2017-03-14 01:00	13			1.32	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 02:00	1	0.14	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.34	0.50
2017-03-14 02:00	2	0.14	0.80					0.00	0.00	20.90	20.90			0.04	0.20
2017-03-14 02:00	5			3.68	4.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 02:00	8			0.15	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 02:00	10			1.77	4.00	0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-03-14 02:00	12	0.03	0.40	1.12	2.00			0.00	0.00	20.30	20.40				
2017-03-14 02:00	13			1.42	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 03:00	1	0.13	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.28	0.50
2017-03-14 03:00	2	0.27	1.00					0.00	0.00	20.90	20.90			0.04	0.20
2017-03-14 03:00	5			3.70	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 03:00	8			0.12	1.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 03:00	10			1.85	3.00	0.00	0.00	0.00	0.00	20.31	20.40			0.00	0.00
2017-03-14 03:00	12	0.04	0.50	1.15	3.00			0.00	0.00	20.26	20.40				
2017-03-14 03:00	13			1.35	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 04:00	1	0.12	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.33	0.50
2017-03-14 04:00	2	0.15	0.80					0.00	0.00	20.90	20.90			0.01	0.10
2017-03-14 04:00	5			3.75	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 04:00	8			0.28	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 04:00	10			1.75	3.00	0.00	0.00	0.00	0.00	20.31	20.40			0.00	0.00
2017-03-14 04:00	12	0.05	0.70	1.15	3.00			0.00	0.00	20.23	20.30				
2017-03-14 04:00	13			1.35	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 05:00	1	0.13	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.30	0.50
2017-03-14 05:00	2	0.29	1.40					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-14 05:00	5			3.63	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-03-14 05:00	8			0.40	3.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 05:00	10			1.73	3.00	0.00	0.00	0.00	0.00	20.29	20.40			0.00	0.00

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2017-03-14 05:00	12	0.01	0.30	1.13	2.00			0.00	0.00	20.29	20.30				
2017-03-14 05:00	13			1.52	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 06:00	1	0.08	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.35	0.70
2017-03-14 06:00	2	0.26	1.30					0.00	0.00	20.90	20.90			0.03	0.20
2017-03-14 06:00	5			3.88	5.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-14 06:00	8			0.05	1.00			0.00	0.00	20.55	20.90	0.00	0.00	0.00	0.00
2017-03-14 06:00	10			1.90	4.00	0.00	0.00	0.00	0.00	20.28	20.30			0.00	0.00
2017-03-14 06:00	12	0.02	0.30	1.13	2.00			0.00	0.00	20.27	20.30				
2017-03-14 06:00	13			1.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 07:00	1	0.11	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.43	0.70
2017-03-14 07:00	2	0.20	1.00					0.00	0.00	20.90	20.90			0.02	0.20
2017-03-14 07:00	5			3.63	5.00			0.00	0.00	20.48	20.60	0.00	0.00	0.00	0.00
2017-03-14 07:00	8			0.28	2.00			0.00	0.00	20.54	20.90	0.00	0.00	0.00	0.00
2017-03-14 07:00	10			1.78	3.00	0.00	0.00	0.00	0.00	20.29	20.40			0.00	0.00
2017-03-14 07:00	12	0.02	0.20	1.23	3.00			0.00	0.00	20.29	20.30				
2017-03-14 07:00	13			1.27	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 08:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.45	0.70
2017-03-14 08:00	2	0.28	1.00					0.00	0.00	20.90	20.90			0.01	0.10
2017-03-14 08:00	5			3.55	4.00			0.00	0.00	20.44	20.60	0.00	0.00	0.00	0.00
2017-03-14 08:00	8			0.27	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-14 08:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.28	20.40			0.00	0.00
2017-03-14 08:00	12	0.03	0.50	1.35	3.00			0.00	0.00	20.27	20.30				
2017-03-14 08:00	13			1.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 09:00	1	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.37	0.70
2017-03-14 09:00	2	0.14	1.00					0.00	0.00	20.90	20.90			0.01	0.20
2017-03-14 09:00	5			3.80	5.00			0.00	0.00	20.45	20.60	0.00	0.00	0.00	0.00
2017-03-14 09:00	8			0.18	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 09:00	10			1.95	4.00	0.00	0.00	0.00	0.00	20.26	20.30			0.00	0.00
2017-03-14 09:00	12	0.06	1.80	1.32	3.00			0.00	0.00	20.28	20.30				
2017-03-14 09:00	13			1.38	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 10:00	1	0.12	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.38	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)
2017-03-14 10:00	2	0.23	1.20					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 10:00	5			3.88	4.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2017-03-14 10:00	8			0.30	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 10:00	10			1.83	2.00	0.00	0.00	0.00	0.00	20.26	20.30			0.00	0.00
2017-03-14 10:00	12	0.05	0.50	1.22	3.00			0.00	0.00	20.29	20.30				
2017-03-14 10:00	13			1.32	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 11:00	1	0.14	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.25	0.50
2017-03-14 11:00	2	0.16	1.00					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 11:00	5			3.42	4.00			0.00	0.00	20.43	20.50	0.00	0.00	0.00	0.00
2017-03-14 11:00	8			0.13	2.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-14 11:00	10			1.80	3.00	0.00	0.00	0.00	0.00	20.30	20.40			0.00	0.00
2017-03-14 11:00	12	0.03	0.30	1.25	4.00			0.00	0.00	20.23	20.30				
2017-03-14 11:00	13			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 12:00	1	0.12	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.16	0.40
2017-03-14 12:00	2	0.27	1.40					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 12:00	5			3.58	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-14 12:00	8			0.07	1.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 12:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.31	20.40			0.00	0.00
2017-03-14 12:00	12	0.02	0.20	1.05	3.00			0.00	0.00	20.24	20.40				
2017-03-14 12:00	13			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 13:00	1	0.12	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.06	0.30
2017-03-14 13:00	2	0.09	0.80					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 13:00	5			3.78	4.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-14 13:00	8			0.05	1.00			0.00	0.00	21.12	21.50	0.00	0.00	0.00	0.00
2017-03-14 13:00	10			1.78	2.00	0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-03-14 13:00	12	0.04	0.40	1.17	2.00			0.00	0.00	20.25	20.40				
2017-03-14 13:00	13			1.13	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 14:00	1	0.17	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-03-14 14:00	2	0.20	1.20					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 14:00	5			3.55	4.00			0.00	0.00	20.43	20.60	0.00	0.00	0.00	0.00
2017-03-14 14:00	8			0.05	1.00			0.00	0.00	20.93	21.30	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)
2017-03-14 14:00	10			1.45	3.00	0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-03-14 14:00	12	0.06	0.50	1.13	2.00			0.00	0.00	20.28	20.30				
2017-03-14 14:00	13			1.27	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 15:00	1	0.17	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-03-14 15:00	2	0.03	0.40					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 15:00	5			3.27	4.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-14 15:00	8			0.12	2.00			0.00	0.00	20.71	20.90	0.00	0.00	0.00	0.00
2017-03-14 15:00	10			1.70	3.00	0.00	0.00	0.00	0.00	20.37	20.40			0.00	0.00
2017-03-14 15:00	12	0.03	0.30	1.18	3.00			0.00	0.00	20.30	20.30				
2017-03-14 15:00	13			1.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 16:00	1	0.11	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 16:00	2	0.08	0.90					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 16:00	5			3.43	4.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-14 16:00	8			0.03	1.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 16:00	10			1.67	3.00	0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2017-03-14 16:00	12	0.04	0.30	1.08	2.00			0.00	0.00	20.30	20.30				
2017-03-14 16:00	13			1.12	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 17:00	1	0.13	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-03-14 17:00	2	0.06	0.70					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 17:00	5			3.45	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-14 17:00	8			0.08	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-14 17:00	10			1.55	3.00	0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2017-03-14 17:00	12	0.04	0.40	1.17	3.00			0.00	0.00	20.30	20.30				
2017-03-14 17:00	13			1.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 18:00	1	0.09	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 18:00	2	0.09	0.60					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 18:00	5			3.50	4.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-03-14 18:00	8			0.02	1.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2017-03-14 18:00	10			1.52	4.00	0.00	0.00	0.00	0.00	20.39	20.50			0.00	0.00
2017-03-14 18:00	12	0.04	0.40	1.23	3.00			0.00	0.00	20.34	20.40				
2017-03-14 18:00	13			1.28	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-03-14 19:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 19:00	2	0.08	0.60					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 19:00	5			3.57	4.00			0.00	0.00	20.54	20.70	0.00	0.00	0.00	0.00
2017-03-14 19:00	8			0.17	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2017-03-14 19:00	10			1.52	3.00	0.00	0.00	0.00	0.00	20.39	20.50			0.00	0.00
2017-03-14 19:00	12	0.00	0.00	1.05	2.00			0.00	0.00	20.33	20.40				
2017-03-14 19:00	13			1.03	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 20:00	1	0.06	0.70			0.00	0.00	0.00	0.00	20.81	20.90			0.00	0.10
2017-03-14 20:00	2	0.13	0.60					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 20:00	5			3.45	4.00			0.00	0.00	20.51	20.70	0.00	0.00	0.00	0.00
2017-03-14 20:00	8			0.08	1.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-14 20:00	10			1.27	2.00	0.00	0.00	0.00	0.00	20.30	20.40			0.00	0.00
2017-03-14 20:00	12	0.02	0.50	1.12	3.00			0.00	0.00	20.28	20.30				
2017-03-14 20:00	13			1.08	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 21:00	1	0.06	0.30			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2017-03-14 21:00	2	0.20	1.20					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 21:00	5			3.63	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-14 21:00	8			0.08	2.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2017-03-14 21:00	10			1.72	3.00	0.00	0.00	0.00	0.00	20.25	20.30			0.00	0.00
2017-03-14 21:00	12	0.02	0.30	1.17	3.00			0.00	0.00	20.25	20.30				
2017-03-14 21:00	13			1.33	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 22:00	1	0.05	0.40			0.00	0.00	0.00	0.00	20.57	20.60			0.00	0.00
2017-03-14 22:00	2	0.14	0.70					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 22:00	5			3.48	5.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-14 22:00	8			0.05	1.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2017-03-14 22:00	10			1.57	3.00	0.00	0.00	0.00	0.00	20.25	20.30			0.00	0.00
2017-03-14 22:00	12	0.04	0.60	1.05	3.00			0.00	0.00	20.18	20.30				
2017-03-14 22:00	13			1.15	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-14 23:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2017-03-14 23:00	2	0.38	1.40					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-14 23:00	5			3.35	4.00			0.00	0.00	20.45	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)
2017-03-14 23:00	8			0.02	1.00			0.00	0.00	20.35	20.40	0.00	0.00	0.00	0.00
2017-03-14 23:00	10			1.68	3.00	0.00	0.00	0.00	0.00	20.23	20.40			0.00	0.00
2017-03-14 23:00	12	0.03	0.30	1.12	3.00			0.00	0.00	20.11	20.20				
2017-03-14 23:00	13			1.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 00:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2017-03-15 00:00	2	0.12	0.80					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 00:00	5			3.35	4.00			0.00	0.00	20.47	20.60	0.00	0.10	0.00	0.00
2017-03-15 00:00	8			0.03	1.00			0.00	0.00	20.35	20.40	0.00	0.00	0.00	0.00
2017-03-15 00:00	10			1.55	3.00	0.00	0.00	0.00	0.00	20.21	20.30			0.00	0.00
2017-03-15 00:00	12	0.03	0.40	1.10	3.00			0.00	0.00	20.10	20.10				
2017-03-15 00:00	13			1.08	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 01:00	1	0.02	0.20			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2017-03-15 01:00	2	0.33	1.80					0.00	0.00	20.61	20.90			0.00	0.00
2017-03-15 01:00	5			3.45	4.00			0.00	0.00	20.47	20.60	0.00	0.00	0.00	0.00
2017-03-15 01:00	8			0.05	1.00			0.00	0.00	20.33	20.40	0.00	0.00	0.00	0.00
2017-03-15 01:00	10			1.48	2.00	0.00	0.00	0.00	0.00	20.18	20.20			0.00	0.00
2017-03-15 01:00	12	0.01	0.30	1.10	2.00			0.00	0.00	20.08	20.40				
2017-03-15 01:00	13			1.20	3.00			0.00	0.00	20.59	20.90	0.00	0.00	0.00	0.00
2017-03-15 02:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.48	20.50			0.00	0.00
2017-03-15 02:00	2	0.44	1.70					0.00	0.00	20.53	20.70			0.00	0.00
2017-03-15 02:00	5			3.32	4.00			0.00	0.00	20.45	20.60	0.00	0.00	0.00	0.00
2017-03-15 02:00	8			0.07	1.00			0.00	0.00	20.32	20.40	0.00	0.00	0.00	0.00
2017-03-15 02:00	10			1.40	2.00	0.00	0.00	0.00	0.00	20.14	20.30			0.00	0.00
2017-03-15 02:00	12	0.01	0.20	1.08	2.00			0.00	0.00	20.04	20.50				
2017-03-15 02:00	13			1.27	3.00			0.00	0.00	20.53	20.70	0.00	0.00	0.00	0.00
2017-03-15 03:00	1	0.04	0.30			0.00	0.00	0.00	0.00	20.82	21.50			0.00	0.00
2017-03-15 03:00	2	0.16	0.80					0.00	0.00	20.57	20.90			0.00	0.00
2017-03-15 03:00	5			3.27	4.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2017-03-15 03:00	8			0.02	1.00			0.00	0.00	20.30	20.40	0.00	0.00	0.00	0.00
2017-03-15 03:00	10			1.62	3.00	0.00	0.00	0.00	0.00	20.12	20.20			0.00	0.00
2017-03-15 03:00	12	0.01	0.30	1.12	3.00			0.00	0.00	20.15	20.50				

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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)
2017-03-15 03:00	13			1.17	3.00			0.00	0.00	20.57	20.90	0.00	0.00	0.00	0.00
2017-03-15 04:00	1	0.04	0.40			0.00	0.00			20.92	21.30			0.00	0.00
2017-03-15 04:00	2	0.46	1.70					0.00	0.00	20.49	20.60			0.00	0.00
2017-03-15 04:00	5			3.20	4.00			0.00	0.00	20.37	20.50	0.00	0.00	0.00	0.00
2017-03-15 04:00	8			0.05	1.00			0.00	0.00	20.30	20.30	0.00	0.00	0.00	0.00
2017-03-15 04:00	10			1.40	2.00	0.00	0.00	0.00	0.00	20.10	20.10			0.00	0.00
2017-03-15 04:00	12	0.01	0.30	1.12	3.00			0.00	0.00	20.20	20.50				
2017-03-15 04:00	13			1.15	3.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-15 05:00	1	0.01	0.20			0.00	0.00			20.61	20.90			0.00	0.00
2017-03-15 05:00	2	0.24	1.30					0.00	0.00	20.50	20.60			0.00	0.00
2017-03-15 05:00	5			3.25	5.00			0.00	0.00	20.35	20.50	0.00	0.00	0.00	0.00
2017-03-15 05:00	8			0.02	1.00			0.00	0.00	20.29	20.50	0.00	0.00	0.00	0.00
2017-03-15 05:00	10			1.67	3.00	0.00	0.00	0.00	0.00	20.07	20.20			0.00	0.00
2017-03-15 05:00	12	0.03	0.30	1.03	2.00			0.00	0.00	20.24	20.50				
2017-03-15 05:00	13			1.25	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-15 06:00	1	0.01	0.20			0.00	0.00			20.41	20.50			0.00	0.00
2017-03-15 06:00	2	0.35	1.40					0.00	0.00	20.51	20.60			0.00	0.00
2017-03-15 06:00	5			3.42	4.00			0.00	0.00	20.39	20.50	0.00	0.00	0.00	0.00
2017-03-15 06:00	8			0.07	2.00			0.00	0.00	20.21	20.30	0.00	0.00	0.00	0.00
2017-03-15 06:00	10			1.63	4.00	0.00	0.00	0.00	0.00	20.04	20.20			0.00	0.00
2017-03-15 06:00	12	0.02	0.40	1.12	2.00			0.00	0.00	20.22	20.50				
2017-03-15 06:00	13			1.25	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-15 07:00	1	0.04	0.30			0.00	0.00			20.40	20.50			0.00	0.00
2017-03-15 07:00	2	0.44	1.50					0.00	0.00	20.46	20.60			0.00	0.00
2017-03-15 07:00	5			3.45	4.00			0.00	0.00	20.36	20.50	0.00	0.00	0.00	0.00
2017-03-15 07:00	8			0.07	1.00			0.00	0.00	20.26	20.30	0.00	0.00	0.00	0.00
2017-03-15 07:00	10			1.28	3.00	0.00	0.00	0.00	0.00	20.03	20.10			0.00	0.00
2017-03-15 07:00	12	0.03	0.50	1.12	4.00			0.00	0.00	20.14	20.40				
2017-03-15 07:00	13			1.17	2.00			0.00	0.00	20.45	20.60	0.00	0.00	0.00	0.00
2017-03-15 08:00	1	0.18	0.70			0.00	0.00			20.48	20.90			0.00	0.10
2017-03-15 08:00	2	0.17	1.40					0.00	0.00	20.45	20.60			0.00	0.00

Bridgeton Sanitary Landfill  
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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-03-15 08:00	5			3.58	5.00			0.00	0.00	20.34	20.50	0.00	0.00	0.00	0.00
2017-03-15 08:00	8			0.03	1.00			0.00	0.00	20.28	20.30	0.00	0.00	0.00	0.00
2017-03-15 08:00	10			1.68	3.00	0.00	0.00	0.00	0.00	20.04	20.20			0.00	0.00
2017-03-15 08:00	12	0.05	0.50	1.12	3.00			0.00	0.00	20.14	20.40				
2017-03-15 08:00	13			1.18	3.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-15 09:00	1	0.32	0.90			0.00	0.00			20.59	20.70			0.00	0.00
2017-03-15 09:00	2	0.20	0.80			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2017-03-15 09:00	5			3.50	4.00			0.00	0.00	20.39	20.40	0.00	0.00	0.00	0.00
2017-03-15 09:00	8			0.02	1.00			0.00	0.00	20.30	20.40	0.00	0.00	0.00	0.00
2017-03-15 09:00	10			1.77	3.00	0.00	0.00	0.00	0.00	20.18	20.30			0.00	0.00
2017-03-15 09:00	12	0.06	0.80	1.03	2.00			0.00	0.00	20.19	20.40				
2017-03-15 09:00	13			1.37	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2017-03-15 10:00	1	0.45	1.30			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2017-03-15 10:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.87	20.90			0.00	0.00
2017-03-15 10:00	5			3.78	4.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2017-03-15 10:00	8			0.05	1.00			0.00	0.00	20.39	20.40	0.00	0.00	0.00	0.00
2017-03-15 10:00	10			1.68	3.00	0.00	0.00	0.00	0.00	20.34	20.40			0.00	0.00
2017-03-15 10:00	12	0.12	0.50	1.18	3.00			0.00	0.00	20.19	20.40				
2017-03-15 10:00	13			1.17	3.00			0.00	0.00	20.89	20.90	0.00	0.00	0.00	0.00
2017-03-15 11:00	1	0.54	1.30					0.00	0.00	20.86	20.90			0.01	0.10
2017-03-15 11:00	2	0.07	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 11:00	5			3.63	5.00			0.00	0.00	20.47	20.60	0.00	0.00	0.00	0.00
2017-03-15 11:00	8			0.05	1.00			0.00	0.00	20.44	20.50	0.00	0.00	0.00	0.00
2017-03-15 11:00	10			1.68	3.00	0.00	0.00	0.00	0.00	20.47	20.60			0.00	0.00
2017-03-15 11:00	12	0.16	0.60	1.23	3.00			0.00	0.00	20.29	20.40				
2017-03-15 11:00	13			1.38	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 12:00	1	0.05	0.60			0.00	0.10	0.00	0.00	20.90	20.90			0.03	0.20
2017-03-15 12:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 12:00	5			3.62	4.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.10
2017-03-15 12:00	8			0.03	1.00			0.00	0.00	20.49	20.60	0.00	0.00	0.00	0.00
2017-03-15 12:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.54	20.70			0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-03-15 12:00	12	0.12	0.50	1.13	3.00			0.00	0.00	20.47	20.60				
2017-03-15 12:00	13			1.27	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 13:00	1	0.10	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.08	0.40
2017-03-15 13:00	2	0.05	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 13:00	5			3.20	4.00			0.00	0.00	20.86	20.90	0.00	0.00	0.00	0.10
2017-03-15 13:00	8			0.15	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-15 13:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2017-03-15 13:00	12	0.14	0.60	1.29	3.00			0.00	0.00	20.55	20.60				
2017-03-15 13:00	13			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 14:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.03	0.30
2017-03-15 14:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-03-15 14:00	5			3.47	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 14:00	8			0.17	1.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.10
2017-03-15 14:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.81	20.90			0.00	0.00
2017-03-15 14:00	12	0.24	1.10	1.62	3.00			0.00	0.00	20.61	20.70				
2017-03-15 14:00	13			1.15	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 15:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-03-15 15:00	2	0.09	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-03-15 15:00	5			3.65	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 15:00	8			0.27	1.00			0.00	0.00	20.75	20.90	0.00	0.00	0.13	0.20
2017-03-15 15:00	10			1.85	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 15:00	12	0.39	0.90	2.00	2.00			0.00	0.00	20.86	20.90				
2017-03-15 15:00	13			1.18	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 16:00	1	0.00	0.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-03-15 16:00	2	0.12	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-03-15 16:00	5			3.52	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-03-15 16:00	8			0.67	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.18	0.20
2017-03-15 16:00	10			2.00	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 16:00	12	0.40	0.90	2.00	2.00			0.00	0.00	20.90	20.90				
2017-03-15 16:00	13			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 17:00	1	0.00	0.10			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)
2017-03-15 17:00	2	0.11	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.05	0.30
2017-03-15 17:00	5			3.52	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-03-15 17:00	8			0.93	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.30
2017-03-15 17:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.89	20.90			0.00	0.00
2017-03-15 17:00	12	0.05	0.40	2.10	4.00			0.00	0.00	20.90	20.90				
2017-03-15 17:00	13			1.28	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 18:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 18:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-03-15 18:00	5			3.68	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-03-15 18:00	8			0.45	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.20
2017-03-15 18:00	10			1.90	2.00	0.00	0.00	0.00	0.00	20.83	20.90			0.00	0.00
2017-03-15 18:00	12	0.01	0.20	1.80	2.00			0.00	0.00	20.90	20.90				
2017-03-15 18:00	13			1.12	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 19:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.75	20.90			0.00	0.00
2017-03-15 19:00	2	0.03	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 19:00	5			3.68	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 19:00	8			0.27	1.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 19:00	10			1.83	2.00	0.00	0.00	0.00	0.00	20.69	20.90			0.00	0.00
2017-03-15 19:00	12	0.00	0.20	1.40	3.00			0.00	0.00	20.83	20.90				
2017-03-15 19:00	13			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 20:00	1	0.00	0.00			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2017-03-15 20:00	2	0.03	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 20:00	5			3.53	4.00			0.00	0.00	20.74	20.90	0.00	0.00	0.00	0.00
2017-03-15 20:00	8			0.05	1.00			0.00	0.00	20.84	20.90	0.00	0.00	0.00	0.00
2017-03-15 20:00	10			1.72	3.00	0.00	0.00	0.00	0.00	20.46	20.60			0.00	0.00
2017-03-15 20:00	12	0.02	0.30	1.27	2.00			0.00	0.00	20.50	20.60				
2017-03-15 20:00	13			1.22	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 21:00	1	0.01	0.10			0.00	0.00	0.00	0.00	20.54	20.60			0.00	0.10
2017-03-15 21:00	2	0.12	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 21:00	5			3.17	4.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2017-03-15 21:00	8			0.00	0.00			0.00	0.00	20.54	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)
2017-03-15 21:00	10			1.67	3.00	0.00	0.00	0.00	0.00	20.34	20.40			0.00	0.00
2017-03-15 21:00	12	0.07	0.70	1.15	3.00			0.00	0.00	20.40	20.50				
2017-03-15 21:00	13			1.48	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 22:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2017-03-15 22:00	2	0.08	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 22:00	5			3.78	5.00			0.00	0.00	20.57	20.60	0.00	0.00	0.00	0.00
2017-03-15 22:00	8			0.05	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-03-15 22:00	10			1.53	3.00	0.00	0.00	0.00	0.00	20.30	20.40			0.00	0.00
2017-03-15 22:00	12	0.07	0.60	1.07	2.00			0.00	0.00	20.33	20.40				
2017-03-15 22:00	13			1.28	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-15 23:00	1	0.02	0.40			0.00	0.00			20.43	20.50			0.00	0.00
2017-03-15 23:00	2	0.22	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-15 23:00	5			3.65	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-15 23:00	8			0.05	2.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-15 23:00	10			1.65	4.00	0.00	0.00	0.00	0.00	20.31	20.40			0.00	0.00
2017-03-15 23:00	12	0.06	0.50	1.08	2.00			0.00	0.00	20.30	20.30				
2017-03-15 23:00	13			1.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-16 00:00	1	0.01	0.30			0.00	0.00			20.40	20.50			0.00	0.00
2017-03-16 00:00	2	0.14	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-16 00:00	5			3.62	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-16 00:00	8			0.13	2.00			0.00	0.00	20.43	20.50	0.00	0.00	0.00	0.00
2017-03-16 00:00	10			1.62	3.00	0.00	0.00	0.00	0.00	20.29	20.30			0.00	0.00
2017-03-16 00:00	12	0.07	0.30	1.18	3.00			0.00	0.00	20.30	20.40				
2017-03-16 00:00	13			1.20	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-16 01:00	1	0.00	0.10			0.00	0.00			20.41	20.50			0.00	0.00
2017-03-16 01:00	2	0.25	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-16 01:00	5			3.43	5.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-16 01:00	8			0.10	3.00			0.00	0.00	20.45	20.50	0.00	0.00	0.00	0.00
2017-03-16 01:00	10			1.63	3.00	0.00	0.00	0.00	0.00	20.25	20.30			0.00	0.00
2017-03-16 01:00	12	0.09	0.50	1.08	2.00			0.00	0.00	20.27	20.30				
2017-03-16 01:00	13			1.20	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00

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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-03-16 02:00	1	0.00	0.10			0.00	0.00			20.40	20.50			0.00	0.00
2017-03-16 02:00	2	0.24	1.30			0.00	0.00	0.00	0.00	20.64	20.90			0.00	0.00
2017-03-16 02:00	5			3.62	5.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-16 02:00	8			0.03	1.00			0.00	0.00	20.48	20.50	0.00	0.00	0.00	0.00
2017-03-16 02:00	10			1.82	3.00	0.00	0.00	0.00	0.00	20.23	20.30			0.00	0.00
2017-03-16 02:00	12	0.06	0.50	1.10	3.00			0.00	0.00	20.30	20.30				
2017-03-16 02:00	13			1.28	3.00			0.00	0.00	20.62	20.90	0.00	0.00	0.00	0.00
2017-03-16 03:00	1	0.00	0.10			0.00	0.00			20.40	20.50			0.00	0.10
2017-03-16 03:00	2	0.10	0.90			0.00	0.00	0.00	0.00	20.59	20.70			0.00	0.00
2017-03-16 03:00	5			3.52	4.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-16 03:00	8			0.15	2.00			0.00	0.00	20.49	20.50	0.00	0.00	0.00	0.00
2017-03-16 03:00	10			1.63	3.00	0.00	0.00	0.00	0.00	20.24	20.40			0.00	0.00
2017-03-16 03:00	12	0.04	0.60	1.07	2.00			0.00	0.00	20.30	20.30				
2017-03-16 03:00	13			1.25	3.00			0.00	0.00	20.59	20.70	0.00	0.00	0.00	0.00
2017-03-16 04:00	1	0.00	0.00			0.00	0.00			20.41	20.50			0.00	0.00
2017-03-16 04:00	2	0.20	1.10			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2017-03-16 04:00	5			3.55	4.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-03-16 04:00	8			0.05	1.00			0.00	0.00	20.50	20.50	0.00	0.00	0.00	0.00
2017-03-16 04:00	10			1.78	3.00	0.00	0.00	0.00	0.00	20.24	20.30			0.00	0.00
2017-03-16 04:00	12	0.06	0.90	1.17	3.00			0.00	0.00	20.27	20.30				
2017-03-16 04:00	13			1.27	3.00			0.00	0.00	20.59	20.60	0.00	0.00	0.00	0.00
2017-03-16 05:00	1	0.00	0.10			0.00	0.00			20.40	20.50			0.00	0.00
2017-03-16 05:00	2	0.07	0.60			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-03-16 05:00	5			3.55	4.00			0.00	0.00	20.43	20.60	0.00	0.00	0.00	0.00
2017-03-16 05:00	8			0.08	2.00			0.00	0.00	20.49	20.50	0.00	0.00	0.00	0.00
2017-03-16 05:00	10			1.83	3.00	0.00	0.00	0.00	0.00	20.26	20.30			0.00	0.00
2017-03-16 05:00	12	0.05	0.50	1.23	3.00			0.00	0.00	20.24	20.30				
2017-03-16 05:00	13			1.18	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.00	0.00
2017-03-16 06:00	1	0.00	0.10			0.00	0.00			20.40	20.50			0.00	0.10
2017-03-16 06:00	2	0.22	1.50			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-03-16 06:00	5			3.40	4.00			0.00	0.00	20.41	20.50	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)
2017-03-16 06:00	8			0.07	2.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2017-03-16 06:00	10			1.47	3.00	0.00	0.00	0.00	0.00	20.28	20.30			0.00	0.00
2017-03-16 06:00	12	0.07	0.50	1.12	3.00			0.00	0.00	20.28	20.30				
2017-03-16 06:00	13			1.17	3.00			0.00	0.00	20.60	20.70	0.00	0.00	0.00	0.00
2017-03-16 07:00	1	0.01	0.30			0.00	0.00			20.41	20.50			0.00	0.00
2017-03-16 07:00	2	0.08	0.80			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2017-03-16 07:00	5			3.67	4.00			0.00	0.00	20.46	20.60	0.00	0.00	0.00	0.00
2017-03-16 07:00	8			0.07	1.00			0.00	0.00	20.46	20.50	0.00	0.10	0.00	0.00
2017-03-16 07:00	10			1.87	3.00	0.00	0.00	0.00	0.00	20.28	20.40			0.00	0.00
2017-03-16 07:00	12	0.09	0.50	1.18	3.00			0.00	0.00	20.33	20.40				
2017-03-16 07:00	13			1.15	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.00	0.00
2017-03-16 08:00	1	0.03	0.30			0.00	0.10	0.00	0.00	20.63	20.90			0.00	0.00
2017-03-16 08:00	2	0.21	1.00			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2017-03-16 08:00	5			3.68	5.00			0.00	0.00	20.49	20.50	0.00	0.00	0.00	0.00
2017-03-16 08:00	8			0.03	1.00			0.00	0.00	20.43	20.50	0.00	0.00	0.00	0.00
2017-03-16 08:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-03-16 08:00	12	0.11	0.50	1.32	3.00			0.00	0.00	20.33	20.40				
2017-03-16 08:00	13			1.48	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2017-03-16 09:00	1	0.24	0.70					0.00	0.00	20.90	20.90			0.00	0.00
2017-03-16 09:00	2	0.17	1.00			0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2017-03-16 09:00	5			3.72	4.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2017-03-16 09:00	8			0.08	2.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2017-03-16 09:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.38	20.50			0.00	0.00
2017-03-16 09:00	12	0.17	0.80	1.22	3.00			0.00	0.00	20.41	20.50				
2017-03-16 09:00	13			1.28	3.00			0.00	0.00	20.68	20.90	0.00	0.00	0.00	0.00
2017-03-16 10:00	1	0.26	1.00			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.10
2017-03-16 10:00	2	0.07	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-03-16 10:00	5			3.88	4.00			0.00	0.00	20.64	20.70	0.00	0.00	0.00	0.00
2017-03-16 10:00	8			0.17	1.00			0.00	0.00	20.47	20.60	0.00	0.00	0.00	0.00
2017-03-16 10:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.50	20.70			0.00	0.00
2017-03-16 10:00	12	0.07	0.60	1.31	2.00			0.00	0.00	20.72	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)
2017-03-16 10:00	13			1.22	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-03-16 11:00	1	0.29	0.90			0.01	0.10	0.00	0.00	20.90	20.90			0.02	0.20
2017-03-16 11:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-03-16 11:00	5			3.68	5.00			0.00	0.00	20.81	20.90	0.00	0.00	0.00	0.00
2017-03-16 11:00	8			0.15	3.00			0.00	0.00	20.55	20.70	0.00	0.00	0.00	0.00
2017-03-16 11:00	10			2.00	2.00	0.00	0.10	0.00	0.00	20.70	20.90			0.00	0.00
2017-03-16 11:00	12	0.09	0.40	1.73	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2017-03-16 11:00	13			1.23	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00