

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)
2017-12-21 12:00	1	0.16	2.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 12:00	2	0.21	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 12:00	5			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.27	0.40
2017-12-21 12:00	8			3.93	5.00			0.00	0.00	20.62	20.70	0.00	0.00	0.00	0.00
2017-12-21 12:00	10			2.07	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 12:00	12	0.00	0.10	2.07	4.00			0.00	0.00	20.90	20.90			0.01	0.20
2017-12-21 12:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-12-21 13:00	1	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 13:00	2	0.33	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 13:00	5			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.17	0.30
2017-12-21 13:00	8			3.97	6.00			0.00	0.00	20.73	20.90	0.00	0.00	0.00	0.00
2017-12-21 13:00	10			2.62	3.00			0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 13:00	12	0.03	0.70	2.67	4.00			0.00	0.00	20.90	20.90			0.00	0.10
2017-12-21 13:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-12-21 14:00	1	0.01	0.30			0.00	0.10	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 14:00	2	0.27	1.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 14:00	5			1.33	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.15	0.20
2017-12-21 14:00	8			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 14:00	10			2.82	4.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 14:00	12	0.01	0.20	2.97	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2017-12-21 14:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 15:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 15:00	2	0.27	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-12-21 15:00	5			1.33	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.25	0.40
2017-12-21 15:00	8			4.03	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 15:00	10			2.32	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 15:00	12	0.00	0.00	2.93	4.00			0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 15:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.30
2017-12-21 16:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 16:00	2	0.20	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-12-21 16:00	5			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.77	1.10
2017-12-21 16:00	8			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 16:00	10			2.17	3.00	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)
2017-12-21 16:00	12	0.00	0.00	2.62	3.00			0.00	0.00	20.90	20.90			0.00	0.10
2017-12-21 16:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 17:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 17:00	2	0.20	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-12-21 17:00	5			1.15	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.26	1.40
2017-12-21 17:00	8			3.83	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.04	0.40
2017-12-21 17:00	12	0.00	0.00	2.08	4.00			0.00	0.00	20.90	20.90			0.14	0.50
2017-12-21 17:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-12-21 18:00	1	0.05	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 18:00	2	0.18	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2017-12-21 18:00	5			1.18	3.00			0.00	0.00	20.90	20.90	0.00	0.00	1.47	1.50
2017-12-21 18:00	8			3.87	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-12-21 18:00	12	0.00	0.10	2.03	3.00			0.00	0.00	20.90	20.90			0.10	0.40
2017-12-21 18:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-12-21 19:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 19:00	2	0.26	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.20
2017-12-21 19:00	5			1.08	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.53	1.60
2017-12-21 19:00	8			3.97	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 19:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-12-21 19:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.90	20.90			0.11	0.40
2017-12-21 19:00	13			1.97	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.10
2017-12-21 20:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 20:00	2	0.15	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-12-21 20:00	5			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.51	1.60
2017-12-21 20:00	8			3.92	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 20:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.10
2017-12-21 20:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.90	20.90			0.01	0.20
2017-12-21 20:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-12-21 21:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 21:00	2	0.26	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-12-21 21:00	5			1.37	3.00			0.00	0.00	20.90	20.90	0.00	0.00	1.54	1.60

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2017-12-21 21:00	8			3.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 21:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-12-21 21:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.90	20.90			0.12	0.50
2017-12-21 21:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.01	0.10
2017-12-21 22:00	1	0.01	0.20			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 22:00	2	0.09	1.20			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.10
2017-12-21 22:00	5			1.30	3.00			0.00	0.00	20.90	20.90	0.00	0.00	1.60	1.60
2017-12-21 22:00	8			3.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 22:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.83	20.90			0.02	0.20
2017-12-21 22:00	12	0.00	0.00	2.05	4.00			0.00	0.00	20.90	20.90			0.02	0.20
2017-12-21 22:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.10
2017-12-21 23:00	1	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 23:00	2	0.14	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-21 23:00	5			1.02	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.56	1.60
2017-12-21 23:00	8			3.88	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-21 23:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.62	20.70			0.04	0.20
2017-12-21 23:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.05	0.30
2017-12-21 23:00	13			2.03	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.50
2017-12-22 00:00	1	0.01	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 00:00	2	0.11	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 00:00	5			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.61	1.70
2017-12-22 00:00	8			3.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-22 00:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.61	20.70			0.05	0.50
2017-12-22 00:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.90	20.90			0.14	0.50
2017-12-22 00:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.22	0.80
2017-12-22 01:00	1	0.06	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 01:00	2	0.22	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.10
2017-12-22 01:00	5			1.13	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.67	1.70
2017-12-22 01:00	8			4.05	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-22 01:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.03	0.20
2017-12-22 01:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.90	20.90			0.36	0.70
2017-12-22 01:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.24	0.80
2017-12-22 02:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00

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2017-12-22 02:00	2	0.16	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.02	0.20
2017-12-22 02:00	5			1.17	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.61	1.70
2017-12-22 02:00	8			3.98	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-22 02:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.60	20.70			0.04	0.20
2017-12-22 02:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.90	20.90			0.23	0.40
2017-12-22 02:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.08	0.30
2017-12-22 03:00	1	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 03:00	2	0.17	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.01	0.20
2017-12-22 03:00	5			1.42	2.00			0.00	0.00	20.90	20.90	0.00	0.00	1.28	1.60
2017-12-22 03:00	8			4.08	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-22 03:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.61	20.70			0.05	0.50
2017-12-22 03:00	12	0.00	0.00	2.25	3.00			0.00	0.00	20.90	20.90			0.16	0.50
2017-12-22 03:00	13			2.00	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.10	1.00
2017-12-22 04:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 04:00	2	0.18	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 04:00	5			1.33	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.70	0.90
2017-12-22 04:00	8			4.05	6.00			0.00	0.00	20.90	20.90	0.00	0.00	0.00	0.00
2017-12-22 04:00	10			2.15	4.00	0.00	0.00	0.00	0.00	20.59	20.60			0.04	0.20
2017-12-22 04:00	12	0.00	0.00	2.23	4.00			0.00	0.00	20.90	20.90			0.01	0.20
2017-12-22 04:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.14	0.50
2017-12-22 05:00	1	0.09	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 05:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 05:00	5			1.63	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.57	0.60
2017-12-22 05:00	8			4.02	5.00			0.00	0.00	20.67	20.90	0.00	0.00	0.00	0.00
2017-12-22 05:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.53	20.60			0.09	0.40
2017-12-22 05:00	12	0.00	0.00	2.05	4.00			0.00	0.00	20.76	20.90			0.09	0.40
2017-12-22 05:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	0.60
2017-12-22 06:00	1	0.01	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 06:00	2	0.13	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 06:00	5			1.57	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.75	0.80
2017-12-22 06:00	8			4.08	6.00			0.00	0.00	20.55	20.70	0.00	0.00	0.00	0.00
2017-12-22 06:00	10			2.07	4.00	0.00	0.00	0.00	0.00	20.51	20.60			0.11	0.40
2017-12-22 06:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.63	20.70			0.14	0.30

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2017-12-22 06:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	0.60
2017-12-22 07:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.76	20.90			0.00	0.00
2017-12-22 07:00	2	0.12	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 07:00	5			1.53	3.00			0.00	0.00	20.76	20.90	0.00	0.00	0.87	0.90
2017-12-22 07:00	8			4.07	6.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2017-12-22 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.51	20.60			0.09	0.20
2017-12-22 07:00	12	0.00	0.00	1.98	3.00			0.00	0.00	20.60	20.60			0.21	0.50
2017-12-22 07:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.28	1.00
2017-12-22 08:00	1	0.04	0.50			0.00	0.00	0.00	0.00	20.58	20.60			0.00	0.00
2017-12-22 08:00	2	0.09	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 08:00	5			1.32	3.00			0.00	0.00	20.58	20.60	0.00	0.00	1.01	1.10
2017-12-22 08:00	8			4.03	6.00			0.00	0.00	20.55	20.60	0.00	0.00	0.00	0.00
2017-12-22 08:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.50	20.60			0.10	0.40
2017-12-22 08:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.60	20.60			0.30	0.50
2017-12-22 08:00	13			2.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.46	1.10
2017-12-22 09:00	1	0.07	0.60			0.00	0.10	0.00	0.00	20.59	20.60			0.00	0.00
2017-12-22 09:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 09:00	5			1.78	4.00			0.00	0.00	20.59	20.60	0.00	0.00	1.04	1.10
2017-12-22 09:00	8			4.03	6.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2017-12-22 09:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.49	20.60			0.13	0.40
2017-12-22 09:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.60	20.60			0.32	0.60
2017-12-22 09:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.26	0.60
2017-12-22 10:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-12-22 10:00	2	0.18	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 10:00	5			1.27	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.84	1.00
2017-12-22 10:00	8			4.03	5.00			0.00	0.00	20.50	20.60	0.00	0.00	0.00	0.00
2017-12-22 10:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.45	20.50			0.06	0.40
2017-12-22 10:00	12	0.00	0.00	2.02	4.00			0.00	0.00	20.58	20.60			0.20	0.60
2017-12-22 10:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.19	0.60
2017-12-22 11:00	1	0.07	1.00			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2017-12-22 11:00	2	0.11	1.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 11:00	5			1.20	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.75	0.80
2017-12-22 11:00	8			4.08	5.00			0.00	0.00	20.50	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)
2017-12-22 11:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.50	20.60			0.09	0.40
2017-12-22 11:00	12	0.00	0.00	2.05	4.00			0.00	0.00	20.60	20.60			0.13	0.50
2017-12-22 11:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.50
2017-12-22 12:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-12-22 12:00	2	0.08	1.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 12:00	5			1.25	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.73	0.80
2017-12-22 12:00	8			4.00	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-12-22 12:00	10			2.05	3.00	0.00	0.00	0.00	0.00	20.50	20.60			0.05	0.40
2017-12-22 12:00	12	0.00	0.10	1.97	3.00			0.00	0.00	20.60	20.60			0.07	0.30
2017-12-22 12:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.11	0.50
2017-12-22 13:00	1	0.04	0.60			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-12-22 13:00	2	0.15	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 13:00	5			1.07	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.80	0.80
2017-12-22 13:00	8			3.98	5.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-12-22 13:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.51	20.60			0.09	0.40
2017-12-22 13:00	12	0.00	0.00	2.03	3.00			0.00	0.00	20.60	20.60			0.13	0.40
2017-12-22 13:00	13			1.97	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.12	0.50
2017-12-22 14:00	1	0.07	0.70			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2017-12-22 14:00	2	0.09	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 14:00	5			1.42	4.00			0.00	0.00	20.64	20.70	0.00	0.00	0.80	0.80
2017-12-22 14:00	8			4.07	6.00			0.00	0.00	20.52	20.60	0.00	0.00	0.00	0.00
2017-12-22 14:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.51	20.60			0.07	0.40
2017-12-22 14:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.60	20.70			0.11	0.50
2017-12-22 14:00	13			1.98	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.16	0.50
2017-12-22 15:00	1	0.02	0.30			0.00	0.00	0.00	0.00	20.64	20.70			0.00	0.00
2017-12-22 15:00	2	0.12	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 15:00	5			1.17	3.00			0.00	0.00	20.64	20.70	0.00	0.00	0.84	0.90
2017-12-22 15:00	8			4.03	5.00			0.00	0.00	20.58	21.10	0.00	0.00	0.00	0.00
2017-12-22 15:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.50	20.60			0.10	0.40
2017-12-22 15:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.61	20.70			0.14	0.70
2017-12-22 15:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.13	0.30
2017-12-22 16:00	1	0.05	0.50			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-12-22 16:00	2	0.04	0.40			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)
2017-12-22 16:00	5			1.03	2.00			0.00	0.00	20.60	20.70	0.00	0.10	0.94	1.00
2017-12-22 16:00	8			3.95	4.00			0.00	0.00	20.54	20.90	0.00	0.00	0.00	0.00
2017-12-22 16:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.50	20.60			0.12	0.50
2017-12-22 16:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.62	20.70			0.08	0.20
2017-12-22 16:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.21	0.50
2017-12-22 17:00	1	0.03	0.40			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2017-12-22 17:00	2	0.09	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 17:00	5			1.15	2.00			0.00	0.00	20.59	20.60	0.00	0.00	1.09	1.10
2017-12-22 17:00	8			4.05	5.00			0.00	0.00	20.54	20.60	0.00	0.00	0.00	0.00
2017-12-22 17:00	10			2.08	4.00	0.00	0.00	0.00	0.00	20.50	20.60			0.11	0.40
2017-12-22 17:00	12	0.00	0.00	2.07	4.00			0.00	0.00	20.60	20.60			0.19	0.50
2017-12-22 17:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.29	0.60
2017-12-22 18:00	1	0.16	1.30			0.00	0.10	0.00	0.00	20.55	20.60			0.00	0.00
2017-12-22 18:00	2	0.14	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 18:00	5			1.12	2.00			0.00	0.00	20.55	20.60	0.00	0.00	1.10	1.20
2017-12-22 18:00	8			3.98	5.00			0.00	0.00	20.58	20.60	0.00	0.10	0.00	0.00
2017-12-22 18:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.51	20.60			0.11	0.40
2017-12-22 18:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.60	20.60			0.19	0.30
2017-12-22 18:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.35	1.10
2017-12-22 19:00	1	0.12	1.60			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2017-12-22 19:00	2	0.16	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 19:00	5			1.33	2.00			0.00	0.00	20.52	20.60	0.00	0.00	1.19	1.20
2017-12-22 19:00	8			3.98	5.00			0.00	0.00	20.58	20.60	0.00	0.00	0.00	0.00
2017-12-22 19:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.45	20.50			0.14	0.40
2017-12-22 19:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.60	20.70			0.26	0.50
2017-12-22 19:00	13			2.02	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.40	1.00
2017-12-22 20:00	1	0.08	0.90			0.00	0.00	0.00	0.00	20.55	20.60			0.00	0.00
2017-12-22 20:00	2	0.13	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 20:00	5			1.33	3.00			0.00	0.00	20.55	20.60	0.00	0.00	1.27	1.40
2017-12-22 20:00	8			3.97	5.00			0.00	0.00	20.53	20.60	0.00	0.00	0.00	0.00
2017-12-22 20:00	10			2.12	4.00	0.00	0.00	0.00	0.00	20.43	20.50			0.14	0.50
2017-12-22 20:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.59	20.70			0.35	0.50
2017-12-22 20:00	13			2.05	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.34	0.80

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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)
2017-12-22 21:00	1	0.06	0.60			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2017-12-22 21:00	2	0.09	0.70			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 21:00	5			2.15	3.00			0.00	0.00	20.59	20.60	0.00	0.00	1.39	1.40
2017-12-22 21:00	8			4.68	5.00			0.00	0.00	20.51	20.60	0.00	0.00	0.00	0.00
2017-12-22 21:00	10			3.40	4.00	0.00	0.00	0.00	0.00	20.42	20.50			0.15	0.40
2017-12-22 21:00	12	0.00	0.00	2.98	4.00			0.00	0.00	20.60	20.60			0.40	0.90
2017-12-22 21:00	13			2.92	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.41	0.80
2017-12-22 22:00	1	0.08	0.50			0.00	0.10	0.00	0.00	20.57	20.60			0.00	0.00
2017-12-22 22:00	2	0.08	0.90			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 22:00	5			2.50	4.00			0.00	0.00	20.57	20.60	0.00	0.00	1.33	1.40
2017-12-22 22:00	8			5.08	7.00			0.00	0.00	20.48	20.60	0.00	0.00	0.00	0.00
2017-12-22 22:00	10			3.78	4.00	0.00	0.00	0.00	0.00	20.41	20.50			0.15	0.60
2017-12-22 22:00	12	0.00	0.00	3.65	4.00			0.00	0.00	20.60	20.60			0.44	0.80
2017-12-22 22:00	13			3.05	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.45	0.80
2017-12-22 23:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-22 23:00	2	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-22 23:00	5			2.18	4.00			0.00	0.00	20.50	20.60	0.00	0.00	1.30	1.30
2017-12-22 23:00	8			4.48	6.00			0.00	0.00	20.43	20.50	0.00	0.00	0.00	0.00
2017-12-22 23:00	10			3.02	4.00	0.00	0.00	0.00	0.00	20.40	20.50			0.14	0.40
2017-12-22 23:00	12	0.00	0.00	3.12	4.00			0.00	0.00	20.55	20.60			0.38	0.70
2017-12-22 23:00	13			2.93	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.49	0.60
2017-12-23 00:00	1	0.07	0.90			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2017-12-23 00:00	2	0.06	0.60			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 00:00	5			2.23	4.00			0.00	0.00	20.50	20.50	0.00	0.00	1.22	1.30
2017-12-23 00:00	8			4.43	6.00			0.00	0.00	20.42	20.50	0.00	0.00	0.00	0.00
2017-12-23 00:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.40	20.50			0.17	0.50
2017-12-23 00:00	12	0.00	0.00	3.00	4.00			0.00	0.00	20.50	20.50			0.54	1.00
2017-12-23 00:00	13			2.83	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.50	0.60
2017-12-23 01:00	1	0.07	1.00			0.00	0.00	0.00	0.00	20.48	20.90			0.00	0.00
2017-12-23 01:00	2	0.09	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 01:00	5			2.22	4.00			0.00	0.00	20.48	20.90	0.00	0.00	1.19	1.20
2017-12-23 01:00	8			4.98	6.00			0.00	0.00	20.45	20.50	0.00	0.00	0.00	0.00
2017-12-23 01:00	10			3.50	4.00	0.00	0.00	0.00	0.00	20.39	20.50			0.16	0.40



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Date/Time	Sample Location	Avg CO (ppm)	Max CO (ppm)	Avg Gamma (ur/hour)	Max Gamma (ur/hour)	Avg H2S (ppm)	Max H2S (ppm)	Avg LEL (%)	Max LEL (%)	Avg O2 (%)	Max O2 (%)	Avg SO2 (ppm)	Max SO2 (ppm)	Avg VOC (ppm)	Max VOC (ppm)
2017-12-23 01:00	12	0.00	0.00	3.42	4.00			0.00	0.00	20.48	20.50			0.75	1.00
2017-12-23 01:00	13			2.98	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	1.00
2017-12-23 02:00	1	0.09	0.60			0.00	0.00	0.00	0.00	20.39	20.50			0.00	0.00
2017-12-23 02:00	2	0.09	1.00			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 02:00	5			2.22	4.00			0.00	0.00	20.39	20.50	0.00	0.00	1.13	1.20
2017-12-23 02:00	8			4.67	7.00			0.00	0.00	20.41	20.50	0.00	0.00	0.00	0.00
2017-12-23 02:00	10			3.08	4.00	0.00	0.00	0.00	0.00	20.35	20.50			0.20	0.60
2017-12-23 02:00	12	0.00	0.00	2.98	3.00			0.00	0.00	20.46	20.50			0.63	1.10
2017-12-23 02:00	13			3.02	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2017-12-23 03:00	1	0.10	0.60			0.00	0.10	0.00	0.00	20.39	20.50			0.00	0.00
2017-12-23 03:00	2	0.21	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 03:00	5			2.07	3.00			0.00	0.00	20.39	20.50	0.00	0.00	1.09	1.10
2017-12-23 03:00	8			4.17	6.00			0.00	0.00	20.40	20.50	0.00	0.10	0.00	0.00
2017-12-23 03:00	10			3.03	4.00	0.00	0.00	0.00	0.00	20.32	20.40			0.21	0.50
2017-12-23 03:00	12	0.00	0.00	2.95	4.00			0.00	0.00	20.49	20.50			0.50	0.70
2017-12-23 03:00	13			2.45	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2017-12-23 04:00	1	0.14	0.90			0.00	0.00	0.00	0.00	20.40	20.50			0.00	0.00
2017-12-23 04:00	2	0.06	0.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 04:00	5			3.05	5.00			0.00	0.00	20.40	20.50	0.00	0.00	1.01	1.10
2017-12-23 04:00	8			4.98	6.00			0.00	0.00	20.39	20.40	0.00	0.00	0.00	0.00
2017-12-23 04:00	10			4.00	5.00	0.00	0.00	0.00	0.00	20.32	20.40			0.18	0.50
2017-12-23 04:00	12	0.00	0.00	3.83	4.00			0.00	0.00	20.49	20.50			0.49	0.70
2017-12-23 04:00	13			3.28	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2017-12-23 05:00	1	0.10	0.90			0.00	0.00	0.00	0.00	20.36	20.40			0.00	0.00
2017-12-23 05:00	2	0.04	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 05:00	5			2.75	4.00			0.00	0.00	20.36	20.40	0.00	0.00	1.00	1.00
2017-12-23 05:00	8			4.97	7.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2017-12-23 05:00	10			4.02	5.00	0.00	0.00	0.00	0.00	20.32	20.40			0.18	0.50
2017-12-23 05:00	12	0.00	0.00	3.87	5.00			0.00	0.00	20.50	20.50			0.50	0.70
2017-12-23 05:00	13			3.07	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.55	0.80
2017-12-23 06:00	1	0.12	0.90			0.00	0.10	0.00	0.00	20.38	20.40			0.00	0.00
2017-12-23 06:00	2	0.04	0.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 06:00	5			2.07	4.00			0.00	0.00	20.38	20.40	0.00	0.00	1.00	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)
2017-12-23 06:00	8			4.10	6.00			0.00	0.00	20.40	20.50	0.00	0.00	0.00	0.00
2017-12-23 06:00	10			2.93	4.00	0.00	0.00	0.00	0.00	20.31	20.40			0.17	0.70
2017-12-23 06:00	12	0.00	0.00	2.92	4.00			0.00	0.00	20.50	20.50			0.47	0.60
2017-12-23 06:00	13			2.47	5.00			0.00	0.00	20.90	20.90	0.00	0.00	0.56	0.80
2017-12-23 07:00	1	0.06	0.70			0.00	0.00	0.00	0.00	20.37	20.40			0.00	0.00
2017-12-23 07:00	2	0.11	1.30			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 07:00	5			1.47	3.00			0.00	0.00	20.37	20.40	0.00	0.00	0.98	1.00
2017-12-23 07:00	8			3.93	6.00			0.00	0.00	20.35	20.40	0.00	0.00	0.00	0.00
2017-12-23 07:00	10			2.17	3.00	0.00	0.00	0.00	0.00	20.32	20.40			0.22	0.50
2017-12-23 07:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.49	20.50			0.44	0.60
2017-12-23 07:00	13			2.00	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.56	1.00
2017-12-23 08:00	1	0.10	1.00			0.00	0.00	0.00	0.00	20.37	20.40			0.00	0.00
2017-12-23 08:00	2	0.10	1.10			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 08:00	5			1.13	4.00			0.00	0.00	20.37	20.40	0.00	0.00	0.92	1.00
2017-12-23 08:00	8			3.82	4.00			0.00	0.00	20.34	20.40	0.00	0.00	0.00	0.00
2017-12-23 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.31	20.40			0.20	0.50
2017-12-23 08:00	12	0.00	0.00	1.80	2.00			0.00	0.00	20.49	20.50			0.36	0.60
2017-12-23 08:00	13			1.90	4.00			0.00	0.00	20.90	20.90	0.00	0.00	0.52	0.80
2017-12-23 09:00	1	0.09	1.00			0.00	0.10	0.00	0.00	20.37	20.40			0.00	0.00
2017-12-23 09:00	2	0.16	0.80			0.00	0.00	0.00	0.00	20.84	20.90			0.00	0.00
2017-12-23 09:00	5			1.07	2.00			0.00	0.00	20.37	20.40	0.00	0.00	0.92	1.00
2017-12-23 09:00	8			3.97	4.00			0.00	0.00	20.31	20.40	0.00	0.00	0.00	0.00
2017-12-23 09:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.31	20.40			0.21	0.50
2017-12-23 09:00	12	0.00	0.00	1.92	3.00			0.00	0.00	20.50	20.50			0.36	1.00
2017-12-23 09:00	13			1.93	2.00			0.00	0.00	20.84	20.90	0.00	0.00	0.53	0.80
2017-12-23 10:00	1	0.19	1.40			0.00	0.10	0.00	0.00	20.37	20.40			0.00	0.00
2017-12-23 10:00	2	0.22	1.50			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-23 10:00	5			1.13	3.00			0.00	0.00	20.37	20.40	0.00	0.00	0.78	0.90
2017-12-23 10:00	8			4.02	6.00			0.00	0.00	20.30	20.30	0.00	0.00	0.00	0.00
2017-12-23 10:00	10			1.93	3.00	0.00	0.00	0.00	0.00	20.31	20.40			0.19	0.60
2017-12-23 10:00	12	0.00	0.00	1.68	3.00			0.00	0.00	20.43	20.50			0.38	0.70
2017-12-23 10:00	13			1.97	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.29	0.80
2017-12-23 11:00	1	0.04	0.40			0.00	0.00	0.00	0.00	20.35	20.40			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)
2017-12-23 11:00	2	0.26	1.30			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2017-12-23 11:00	5			1.00	1.00			0.00	0.00	20.36	20.40	0.00	0.00	0.48	0.70
2017-12-23 11:00	8			3.97	5.00			0.00	0.00	20.33	20.40	0.00	0.00	0.00	0.00
2017-12-23 11:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.31	20.40			0.19	0.60
2017-12-23 11:00	12	0.00	0.00	1.97	3.00			0.00	0.00	20.47	20.60			0.20	0.50
2017-12-23 11:00	13			2.02	3.00			0.00	0.00	20.49	20.60	0.00	0.00	0.03	0.50
2017-12-23 12:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2017-12-23 12:00	2	0.06	0.80			0.00	0.00	0.00	0.00	20.61	20.70			0.00	0.00
2017-12-23 12:00	5			1.03	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.14	0.30
2017-12-23 12:00	8			3.93	6.00			0.00	0.00	20.37	20.40	0.00	0.00	0.00	0.00
2017-12-23 12:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.35	20.50			0.09	0.40
2017-12-23 12:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.55	20.60			0.06	0.30
2017-12-23 12:00	13			1.88	3.00			0.00	0.00	20.61	20.70	0.00	0.00	0.00	0.00
2017-12-23 13:00	1	0.06	1.00			0.00	0.00	0.00	0.00	20.56	20.60			0.00	0.00
2017-12-23 13:00	2	0.09	0.60			0.00	0.00	0.00	0.00	20.78	20.90			0.00	0.00
2017-12-23 13:00	5			1.05	2.00			0.00	0.00	20.56	20.60	0.00	0.00	0.00	0.10
2017-12-23 13:00	8			3.82	4.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2017-12-23 13:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.46	20.50			0.04	0.20
2017-12-23 13:00	12	0.00	0.20	1.98	3.00			0.00	0.00	20.61	20.70			0.07	0.40
2017-12-23 13:00	13			1.87	4.00			0.00	0.00	20.78	20.90	0.00	0.00	0.02	0.10
2017-12-23 14:00	1	0.05	1.10			0.00	0.00	0.00	0.00	20.65	20.70			0.00	0.00
2017-12-23 14:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 14:00	5			1.10	2.00			0.00	0.00	20.65	20.70	0.00	0.00	0.00	0.00
2017-12-23 14:00	8			3.97	4.00			0.00	0.00	20.40	20.40	0.00	0.00	0.00	0.00
2017-12-23 14:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.56	20.70			0.01	0.10
2017-12-23 14:00	12	0.00	0.10	2.02	3.00			0.00	0.00	20.66	20.70			0.05	0.50
2017-12-23 14:00	13			1.92	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.02	0.30
2017-12-23 15:00	1	0.04	0.60			0.00	0.10	0.00	0.00	20.80	20.90			0.00	0.00
2017-12-23 15:00	2	0.11	2.80			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 15:00	5			1.03	2.00			0.00	0.00	20.79	20.90	0.00	0.00	0.00	0.00
2017-12-23 15:00	8			3.82	4.00			0.00	0.00	20.35	20.40	0.00	0.00	0.00	0.00
2017-12-23 15:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.56	20.70			0.03	0.20
2017-12-23 15:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.87	20.90			0.11	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)
2017-12-23 15:00	13			1.90	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.07	0.50
2017-12-23 16:00	1	0.04	0.70			0.00	0.00	0.00	0.00	20.57	20.70			0.00	0.00
2017-12-23 16:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 16:00	5			1.03	2.00			0.00	0.00	20.56	20.70	0.00	0.00	0.00	0.00
2017-12-23 16:00	8			3.93	6.00			0.00	0.00	20.33	20.40	0.00	0.00	0.00	0.00
2017-12-23 16:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.41	20.60			0.10	0.40
2017-12-23 16:00	12	0.00	0.00	1.92	2.00			0.00	0.00	20.61	20.70			0.46	0.70
2017-12-23 16:00	13			1.95	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.23	0.50
2017-12-23 17:00	1	0.03	0.60			0.00	0.00	0.00	0.00	20.44	20.50			0.00	0.00
2017-12-23 17:00	2	0.15	1.50			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-23 17:00	5			1.03	2.00			0.00	0.00	20.43	20.50	0.00	0.00	0.00	0.10
2017-12-23 17:00	8			3.83	5.00			0.00	0.00	20.36	20.40	0.00	0.00	0.00	0.00
2017-12-23 17:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.37	20.50			0.12	0.40
2017-12-23 17:00	12	0.01	0.60	1.95	2.00			0.00	0.00	20.50	20.60			0.52	0.80
2017-12-23 17:00	13			1.90	3.00			0.00	0.00	20.90	20.90	0.00	0.00	0.35	0.60
2017-12-23 18:00	1	0.08	0.70			0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2017-12-23 18:00	2	0.08	3.50			0.00	0.00	0.00	0.00	20.66	20.90			0.00	0.00
2017-12-23 18:00	5			1.08	2.00			0.00	0.00	20.38	20.40	0.00	0.00	0.14	0.30
2017-12-23 18:00	8			3.87	5.00			0.00	0.00	20.33	20.40	0.00	0.00	0.00	0.00
2017-12-23 18:00	10			1.92	2.00	0.00	0.00	0.00	0.00	20.35	20.40			0.16	0.50
2017-12-23 18:00	12	0.00	0.00	1.78	2.00			0.00	0.00	20.42	20.50			0.52	0.80
2017-12-23 18:00	13			1.95	2.00			0.00	0.00	20.66	20.90	0.00	0.00	0.42	0.60
2017-12-23 19:00	1	0.06	1.00			0.00	0.00	0.00	0.00	20.33	20.50			0.00	0.00
2017-12-23 19:00	2	0.10	0.90			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-12-23 19:00	5			1.07	2.00			0.00	0.00	20.33	20.50	0.00	0.00	0.36	0.50
2017-12-23 19:00	8			3.95	4.00			0.00	0.00	20.38	20.40	0.00	0.00	0.00	0.00
2017-12-23 19:00	10			2.03	4.00	0.00	0.00	0.00	0.00	20.32	20.40			0.17	0.50
2017-12-23 19:00	12	0.00	0.00	1.93	2.00			0.00	0.00	20.44	20.50			0.57	0.80
2017-12-23 19:00	13			1.93	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.49	0.80
2017-12-23 20:00	1	0.07	0.70			0.00	0.10	0.00	0.00	20.31	20.40			0.00	0.00
2017-12-23 20:00	2	0.03	0.40			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-12-23 20:00	5			1.08	2.00			0.00	0.00	20.31	20.40	0.00	0.00	0.56	0.70
2017-12-23 20:00	8			3.88	4.00			0.00	0.00	20.39	20.40	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)
2017-12-23 20:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.29	20.40			0.17	0.50
2017-12-23 20:00	12	0.00	0.20	1.93	2.00			0.00	0.00	20.45	20.50			0.50	0.90
2017-12-23 20:00	13			2.00	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.48	0.80
2017-12-23 21:00	1	0.11	1.10			0.00	0.00	0.00	0.00	20.34	20.40			0.00	0.00
2017-12-23 21:00	2	0.10	1.10			0.00	0.00	0.00	0.00	20.60	20.70			0.00	0.00
2017-12-23 21:00	5			1.10	2.00			0.00	0.00	20.34	20.40	0.00	0.00	0.59	0.70
2017-12-23 21:00	8			3.90	5.00			0.00	0.00	20.39	20.40	0.00	0.00	0.00	0.00
2017-12-23 21:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.32	20.40			0.16	0.50
2017-12-23 21:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.48	20.50			0.31	0.50
2017-12-23 21:00	13			1.95	2.00			0.00	0.00	20.60	20.70	0.00	0.00	0.48	0.60
2017-12-23 22:00	1	0.10	0.80			0.00	0.10	0.00	0.00	20.39	20.40			0.00	0.00
2017-12-23 22:00	2	0.10	1.20			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-12-23 22:00	5			1.10	2.00			0.00	0.00	20.39	20.40	0.00	0.00	0.57	0.70
2017-12-23 22:00	8			4.05	5.00			0.00	0.00	20.32	20.40	0.00	0.00	0.00	0.00
2017-12-23 22:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.29	20.40			0.20	0.60
2017-12-23 22:00	12	0.00	0.00	2.03	4.00			0.00	0.00	20.50	20.50			0.27	0.50
2017-12-23 22:00	13			2.03	4.00			0.00	0.00	20.60	20.60	0.00	0.00	0.48	0.60
2017-12-23 23:00	1	0.09	0.70			0.00	0.00	0.00	0.00	20.38	20.40			0.00	0.00
2017-12-23 23:00	2	0.15	0.70			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-12-23 23:00	5			1.15	2.00			0.00	0.00	20.38	20.40	0.00	0.00	0.60	0.70
2017-12-23 23:00	8			3.90	5.00			0.00	0.00	20.30	20.40	0.00	0.00	0.00	0.00
2017-12-23 23:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.25	20.30			0.20	0.50
2017-12-23 23:00	12	0.00	0.00	1.98	3.00			0.00	0.00	20.45	20.50			0.30	0.50
2017-12-23 23:00	13			2.00	2.00			0.00	0.00	20.60	20.60	0.00	0.00	0.50	0.80
2017-12-24 00:00	1	0.12	0.70			0.00	0.10	0.00	0.00	20.38	20.40			0.00	0.00
2017-12-24 00:00	2	0.15	1.20			0.00	0.00	0.00	0.00	20.60	20.60			0.00	0.00
2017-12-24 00:00	5			1.20	2.00			0.00	0.00	20.38	20.40	0.00	0.00	0.61	0.70
2017-12-24 00:00	8			3.98	5.00			0.00	0.00	20.31	20.40	0.00	0.00	0.00	0.00
2017-12-24 00:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.23	20.30			0.19	0.50
2017-12-24 00:00	12	0.00	0.00	1.90	3.00			0.00	0.00	20.40	20.40			0.30	0.70
2017-12-24 00:00	13			2.02	3.00			0.00	0.00	20.60	20.60	0.00	0.00	0.48	0.60
2017-12-24 01:00	1	0.10	1.00			0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-12-24 01:00	2	0.20	2.50			0.00	0.00	0.00	0.00	20.58	20.60			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)
2017-12-24 01:00	5			1.08	2.00			0.00	0.00	20.32	20.40	0.00	0.00	0.68	0.80
2017-12-24 01:00	8			3.92	5.00			0.00	0.00	20.30	20.40	0.00	0.00	0.00	0.00
2017-12-24 01:00	10			2.00	3.00	0.00	0.00	0.00	0.00	20.23	20.30			0.21	0.50
2017-12-24 01:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.40	20.40			0.37	1.00
2017-12-24 01:00	13			1.95	2.00			0.00	0.00	20.58	20.60	0.00	0.00	0.49	1.00
2017-12-24 02:00	1	0.20	1.00			0.00	0.10	0.00	0.00	20.30	20.30			0.00	0.00
2017-12-24 02:00	2	0.07	1.10			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2017-12-24 02:00	5			1.12	2.00			0.00	0.00	20.30	20.30	0.00	0.00	0.68	0.70
2017-12-24 02:00	8			3.95	4.00			0.00	0.00	20.26	20.40	0.00	0.00	0.00	0.00
2017-12-24 02:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.25	20.30			0.24	0.60
2017-12-24 02:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.55	20.90			0.35	0.50
2017-12-24 02:00	13			2.02	3.00			0.00	0.00	20.53	20.60	0.00	0.00	0.51	0.60
2017-12-24 03:00	1	0.15	1.50			0.00	0.10	0.00	0.00	20.27	20.30			0.00	0.00
2017-12-24 03:00	2	0.14	1.00			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-24 03:00	5			1.13	2.00			0.00	0.00	20.27	20.30	0.00	0.00	0.70	0.70
2017-12-24 03:00	8			3.97	5.00			0.00	0.00	20.24	20.30	0.00	0.00	0.00	0.00
2017-12-24 03:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.22	20.30			0.24	0.60
2017-12-24 03:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.61	21.40			0.46	0.70
2017-12-24 03:00	13			1.97	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.54	0.80
2017-12-24 04:00	1	0.14	1.10			0.00	0.00	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-24 04:00	2	0.09	0.90			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2017-12-24 04:00	5			1.17	3.00			0.00	0.00	20.20	20.20	0.00	0.00	0.74	0.80
2017-12-24 04:00	8			3.95	5.00			0.00	0.00	20.39	20.70	0.00	0.00	0.00	0.00
2017-12-24 04:00	10			2.07	4.00	0.00	0.00	0.00	0.00	20.23	20.30			0.23	0.60
2017-12-24 04:00	12	0.00	0.10	1.98	2.00			0.00	0.00	20.31	20.40			0.52	0.70
2017-12-24 04:00	13			2.00	2.00			0.00	0.00	20.51	20.60	0.00	0.00	0.57	1.00
2017-12-24 05:00	1	0.11	0.80			0.00	0.10	0.00	0.00	20.20	20.30			0.00	0.00
2017-12-24 05:00	2	0.10	1.10			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2017-12-24 05:00	5			1.25	3.00			0.00	0.00	20.20	20.30	0.00	0.00	0.79	0.80
2017-12-24 05:00	8			3.92	5.00			0.00	0.00	20.48	20.70	0.00	0.00	0.00	0.00
2017-12-24 05:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.22	20.30			0.23	0.80
2017-12-24 05:00	12	0.00	0.00	1.95	2.00			0.00	0.00	20.30	20.40			0.52	1.00
2017-12-24 05:00	13			2.00	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.58	0.80

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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)
2017-12-24 06:00	1	0.17	1.20			0.00	0.00	0.00	0.00	20.20	20.30			0.00	0.00
2017-12-24 06:00	2	0.13	1.30			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-24 06:00	5			1.13	2.00			0.00	0.00	20.20	20.30	0.00	0.00	0.80	0.80
2017-12-24 06:00	8			3.97	5.00			0.00	0.00	20.42	20.60	0.00	0.00	0.00	0.00
2017-12-24 06:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.21	20.30			0.24	0.60
2017-12-24 06:00	12	0.00	0.00	1.92	2.00			0.00	0.00	20.31	20.40			0.51	0.70
2017-12-24 06:00	13			1.98	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.61	1.00
2017-12-24 07:00	1	0.12	1.20			0.00	0.10	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-24 07:00	2	0.06	0.90			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2017-12-24 07:00	5			1.12	3.00			0.00	0.00	20.20	20.20	0.00	0.00	0.80	0.80
2017-12-24 07:00	8			3.98	5.00			0.00	0.00	20.40	20.60	0.00	0.10	0.00	0.00
2017-12-24 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.22	20.30			0.27	0.60
2017-12-24 07:00	12	0.00	0.00	2.00	3.00			0.00	0.00	20.32	20.40			0.51	0.70
2017-12-24 07:00	13			1.98	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.62	1.00
2017-12-24 08:00	1	0.12	0.80			0.00	0.10	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-24 08:00	2	0.14	0.90			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2017-12-24 08:00	5			1.45	3.00			0.00	0.00	20.20	20.20	0.00	0.00	0.83	0.90
2017-12-24 08:00	8			4.03	6.00			0.00	0.00	20.35	20.60	0.00	0.00	0.00	0.00
2017-12-24 08:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.22	20.30			0.23	0.60
2017-12-24 08:00	12	0.00	0.00	2.00	2.00			0.00	0.00	20.30	20.30			0.56	0.70
2017-12-24 08:00	13			2.02	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.58	1.00
2017-12-24 09:00	1	0.17	1.00			0.00	0.00	0.00	0.00	20.20	20.20			0.00	0.00
2017-12-24 09:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.50	20.50			0.00	0.00
2017-12-24 09:00	5			1.83	3.00			0.00	0.00	20.20	20.20	0.00	0.00	0.80	0.80
2017-12-24 09:00	8			4.05	6.00			0.00	0.00	20.36	20.50	0.00	0.00	0.00	0.00
2017-12-24 09:00	10			2.17	4.00	0.00	0.00	0.00	0.00	20.22	20.30			0.28	0.80
2017-12-24 09:00	12	0.00	0.00	2.05	4.00			0.00	0.00	20.30	20.30			0.60	0.80
2017-12-24 09:00	13			2.07	3.00			0.00	0.00	20.50	20.50	0.00	0.00	0.58	0.80
2017-12-24 10:00	1	0.11	0.90			0.00	0.10	0.00	0.00	20.23	20.30			0.00	0.00
2017-12-24 10:00	2	0.11	1.10			0.00	0.00	0.00	0.00	20.53	20.60			0.00	0.00
2017-12-24 10:00	5			1.80	3.00			0.00	0.00	20.23	20.30	0.00	0.00	0.79	0.80
2017-12-24 10:00	8			4.03	5.00			0.00	0.00	20.35	20.50	0.00	0.00	0.00	0.00
2017-12-24 10:00	10			2.18	3.00	0.00	0.00	0.00	0.00	20.21	20.30			0.17	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)
2017-12-24 10:00	12	0.00	0.10	1.98	2.00			0.00	0.00	20.35	20.40			0.56	0.90
2017-12-24 10:00	13			2.07	4.00			0.00	0.00	20.53	20.60	0.00	0.00	0.53	1.00
2017-12-24 11:00	1	0.14	0.90			0.00	0.00	0.00	0.00	20.30	20.30			0.00	0.00
2017-12-24 11:00	2	0.08	0.80			0.00	0.00	0.00	0.00	20.59	20.60			0.00	0.00
2017-12-24 11:00	5			1.38	2.00			0.00	0.00	20.30	20.30	0.00	0.00	0.75	0.80
2017-12-24 11:00	8			4.07	7.00			0.00	0.00	20.29	20.60	0.00	0.00	0.00	0.00
2017-12-24 11:00	10			2.07	3.00	0.00	0.00	0.00	0.00	20.25	20.30			0.23	0.60
2017-12-24 11:00	12	0.00	0.00	2.05	3.00			0.00	0.00	20.40	20.40			0.53	0.70
2017-12-24 11:00	13			2.03	4.00			0.00	0.00	20.59	20.60	0.00	0.00	0.55	1.00
2017-12-24 12:00	1	0.10	0.90			0.00	0.10	0.00	0.00	20.30	20.30			0.00	0.00
2017-12-24 12:00	2	0.08	0.70			0.00	0.00	0.00	0.00	20.52	20.60			0.00	0.00
2017-12-24 12:00	5			1.42	2.00			0.00	0.00	20.30	20.30	0.00	0.00	0.75	0.80
2017-12-24 12:00	8			3.93	4.00			0.00	0.00	20.25	20.40	0.00	0.00	0.00	0.00
2017-12-24 12:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.23	20.30			0.22	0.60
2017-12-24 12:00	12	0.00	0.00	1.98	2.00			0.00	0.00	20.40	20.40			0.56	0.70
2017-12-24 12:00	13			1.98	2.00			0.00	0.00	20.52	20.60	0.00	0.00	0.56	1.00
2017-12-24 13:00	1	0.09	0.70			0.00	0.00	0.00	0.00	20.71	21.30			0.00	0.00
2017-12-24 13:00	2	0.05	0.50			0.00	0.00	0.00	0.00	20.51	20.60			0.00	0.00
2017-12-24 13:00	5			1.15	2.00			0.00	0.00	20.72	21.30	0.00	0.00	0.65	0.70
2017-12-24 13:00	8			3.93	5.00			0.00	0.00	20.22	20.30	0.00	0.00	0.00	0.00
2017-12-24 13:00	10			2.02	3.00	0.00	0.00	0.00	0.00	20.25	20.30			0.22	0.60
2017-12-24 13:00	12	0.00	0.00	1.97	2.00			0.00	0.00	20.40	20.40			0.56	0.80
2017-12-24 13:00	13			1.98	3.00			0.00	0.00	20.51	20.60	0.00	0.00	0.52	0.80
2017-12-24 14:00	1	0.15	1.40			0.00	0.00	0.00	0.00	20.90	20.90			0.00	0.00
2017-12-24 14:00	2	0.13	1.20			0.00	0.00	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-24 14:00	5			1.07	2.00			0.00	0.00	20.90	20.90	0.00	0.00	0.56	0.70
2017-12-24 14:00	8			3.87	4.00			0.00	0.00	20.29	20.50	0.00	0.00	0.00	0.00
2017-12-24 14:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.21	20.30			0.25	0.50
2017-12-24 14:00	12	0.00	0.00	1.87	2.00			0.00	0.00	20.31	20.40			0.54	0.70
2017-12-24 14:00	13			2.00	2.00			0.00	0.00	20.50	20.60	0.00	0.00	0.55	0.80
2017-12-24 15:00	1	0.22	0.90			0.00	0.10	0.00	0.00	20.89	20.90			0.00	0.00
2017-12-24 15:00	2	0.07	0.80			0.00	0.00	0.00	0.00	20.48	20.60			0.00	0.00
2017-12-24 15:00	5			1.10	3.00			0.00	0.00	20.89	20.90	0.00	0.00	0.58	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)
2017-12-24 15:00	8			3.90	5.00			0.00	0.00	20.29	20.50	0.00	0.00	0.00	0.00
2017-12-24 15:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.18	20.30			0.30	0.60
2017-12-24 15:00	12	0.00	0.00	1.67	2.00			0.00	0.00	20.34	20.40			0.56	1.10
2017-12-24 15:00	13			1.95	3.00			0.00	0.00	20.48	20.60	0.00	0.00	0.57	1.00
2017-12-24 16:00	1	0.22	1.40			0.00	0.10	0.00	0.00	20.53	20.70			0.00	0.00
2017-12-24 16:00	2	0.21	2.10			0.00	0.00	0.00	0.00	20.49	20.50			0.00	0.00
2017-12-24 16:00	5			1.20	3.00			0.00	0.00	20.53	20.70	0.00	0.00	0.62	0.70
2017-12-24 16:00	8			3.72	6.00			0.00	0.00	20.28	20.40	0.00	0.00	0.00	0.00
2017-12-24 16:00	10			2.13	4.00	0.00	0.00	0.00	0.00	20.15	20.20			0.27	0.80
2017-12-24 16:00	12	0.00	0.00	1.70	3.00			0.00	0.00	20.37	20.40			0.64	1.10
2017-12-24 16:00	13			1.95	4.00			0.00	0.00	20.49	20.50	0.00	0.00	0.55	0.80
2017-12-24 17:00	1	0.35	1.60			0.00	0.00	0.00	0.00	20.43	20.60			0.00	0.00
2017-12-24 17:00	2	0.17	1.30			0.00	0.00	0.00	0.00	20.56	21.40			0.00	0.00
2017-12-24 17:00	5			1.08	2.00			0.00	0.00	20.42	20.60	0.00	0.00	0.60	0.70
2017-12-24 17:00	8			3.93	6.00			0.00	0.00	20.26	20.50	0.00	0.00	0.00	0.00
2017-12-24 17:00	10			1.83	2.00	0.00	0.00	0.00	0.00	20.12	20.20			0.29	0.80
2017-12-24 17:00	12	0.00	0.00	1.92	3.00			0.00	0.00	20.32	20.40			0.49	0.70
2017-12-24 17:00	13			1.95	3.00			0.00	0.00	20.56	21.40	0.00	0.00	0.59	0.80
2017-12-24 18:00	1	0.10	1.30			0.00	0.10	0.00	0.00	20.38	20.50			0.00	0.00
2017-12-24 18:00	2	0.14	1.30			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2017-12-24 18:00	5			1.07	2.00			0.00	0.00	20.38	20.50	0.00	0.00	0.50	0.60
2017-12-24 18:00	8			3.88	5.00			0.00	0.00	20.27	20.50	0.00	0.00	0.00	0.00
2017-12-24 18:00	10			1.93	2.00	0.00	0.00	0.00	0.00	20.15	20.20			0.31	0.80
2017-12-24 18:00	12	0.04	2.60	1.62	3.00			0.00	0.00	20.30	20.30			0.50	0.80
2017-12-24 18:00	13			2.00	2.00			0.00	0.00	20.49	20.60	0.00	0.00	0.54	0.80
2017-12-24 19:00	1	0.17	1.00			0.00	0.00	0.00	0.00	20.32	20.50			0.00	0.00
2017-12-24 19:00	2	0.15	0.90			0.00	0.10	0.00	0.00	20.50	20.60			0.00	0.00
2017-12-24 19:00	5			1.05	4.00			0.00	0.00	20.32	20.50	0.00	0.00	0.56	0.60
2017-12-24 19:00	8			3.87	4.00			0.00	0.00	20.26	20.50	0.00	0.00	0.00	0.00
2017-12-24 19:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.08	20.20			0.28	0.80
2017-12-24 19:00	12	0.00	0.00	1.77	3.00			0.00	0.00	20.24	20.30			0.56	0.80
2017-12-24 19:00	13			1.93	3.00			0.00	0.00	20.50	20.60	0.00	0.00	0.59	1.00
2017-12-24 20:00	1	0.15	1.40			0.00	0.10	0.00	0.00	20.25	20.40			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)
2017-12-24 20:00	2	0.09	0.80			0.00	0.00	0.00	0.00	20.45	20.60			0.00	0.00
2017-12-24 20:00	5			1.03	2.00			0.00	0.00	20.25	20.40	0.00	0.00	0.58	0.60
2017-12-24 20:00	8			3.73	4.00			0.00	0.00	20.22	20.40	0.00	0.00	0.00	0.00
2017-12-24 20:00	10			1.80	2.00	0.00	0.00	0.00	0.00	20.07	20.20			0.32	0.90
2017-12-24 20:00	12	0.00	0.00	1.52	4.00			0.00	0.00	20.26	20.40			0.73	1.20
2017-12-24 20:00	13			1.97	2.00			0.00	0.00	20.45	20.60	0.00	0.00	0.65	1.50
2017-12-24 21:00	1	0.16	2.60			0.00	0.00	0.00	0.00	20.20	20.30			0.00	0.00
2017-12-24 21:00	2	0.13	1.00			0.00	0.00	0.00	0.00	20.40	20.40			0.00	0.00
2017-12-24 21:00	5			0.98	1.00			0.00	0.00	20.20	20.30	0.00	0.00	0.60	0.60
2017-12-24 21:00	8			3.87	4.00			0.00	0.00	20.18	20.40	0.00	0.00	0.00	0.00
2017-12-24 21:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.05	20.20			0.37	0.80
2017-12-24 21:00	12	0.00	0.00	1.65	3.00			0.00	0.00	20.28	20.30			0.88	1.30
2017-12-24 21:00	13			1.85	2.00			0.00	0.00	20.40	20.40	0.00	0.00	0.67	1.10
2017-12-24 22:00	1	0.37	1.90			0.00	0.10	0.00	0.00	20.17	20.30			0.00	0.00
2017-12-24 22:00	2	0.05	0.80			0.00	0.00	0.00	0.00	20.54	21.50			0.00	0.00
2017-12-24 22:00	5			1.02	2.00			0.00	0.00	20.18	20.30	0.00	0.00	0.61	0.70
2017-12-24 22:00	8			3.80	5.00			0.00	0.00	20.24	20.50	0.00	0.00	0.00	0.00
2017-12-24 22:00	10			2.03	3.00	0.00	0.00	0.00	0.00	20.01	20.10			0.40	0.90
2017-12-24 22:00	12	0.00	0.00	1.48	3.00			0.00	0.00	20.30	20.30			0.95	1.30
2017-12-24 22:00	13			1.98	2.00			0.00	0.00	20.54	21.50	0.00	0.00	0.62	1.00
2017-12-24 23:00	1	0.17	1.00			0.00	0.10	0.00	0.00	20.18	20.40			0.00	0.00
2017-12-24 23:00	2	0.09	0.50			0.00	0.00	0.00	0.00	20.61	21.80			0.00	0.00
2017-12-24 23:00	5			1.07	2.00			0.00	0.00	20.18	20.40	0.00	0.00	0.60	0.60
2017-12-24 23:00	8			3.85	5.00			0.00	0.00	20.21	20.40	0.00	0.00	0.00	0.00
2017-12-24 23:00	10			1.97	2.00	0.00	0.00	0.00	0.00	20.09	20.90			0.38	0.80
2017-12-24 23:00	12	0.00	0.00	1.75	3.00			0.00	0.00	20.28	20.30			0.95	1.10
2017-12-24 23:00	13			1.93	2.00			0.00	0.00	20.61	21.80	0.00	0.00	0.65	1.00
2017-12-25 00:00	1	0.19	1.30			0.00	0.10	0.00	0.00	20.17	20.40			0.00	0.00
2017-12-25 00:00	2	0.08	0.80			0.00	0.00	0.00	0.00	20.36	20.40			0.00	0.00
2017-12-25 00:00	5			1.10	2.00			0.00	0.00	20.17	20.40	0.00	0.00	0.60	0.60
2017-12-25 00:00	8			3.72	5.00			0.00	0.00	20.13	20.40	0.00	0.00	0.00	0.00
2017-12-25 00:00	10			1.95	2.00	0.00	0.00	0.00	0.00	20.01	20.90			0.37	0.80
2017-12-25 00:00	12	0.00	0.00	1.58	3.00			0.00	0.00	20.36	20.90			0.98	1.20

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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)
2017-12-25 00:00	13			1.87	3.00			0.00	0.00	20.36	20.40	0.00	0.00	0.67	1.00
2017-12-25 01:00	1	0.27	1.20			0.00	0.10	0.00	0.00	20.11	20.40			0.00	0.00
2017-12-25 01:00	2	0.06	0.90			0.00	0.00	0.00	0.00	20.38	20.50			0.00	0.00
2017-12-25 01:00	5			1.03	2.00			0.00	0.00	20.11	20.40	0.00	0.00	0.60	0.60
2017-12-25 01:00	8			3.95	4.00			0.00	0.00	20.15	20.40	0.00	0.00	0.00	0.00
2017-12-25 01:00	10			1.87	2.00	0.00	0.00	0.00	0.00	20.07	20.90			0.36	0.90
2017-12-25 01:00	12	0.00	0.10	1.63	2.00			0.00	0.00	20.24	20.30			1.00	1.20
2017-12-25 01:00	13			1.83	2.00			0.00	0.00	20.38	20.50	0.00	0.00	0.57	1.00
2017-12-25 02:00	1	0.17	1.40			0.00	0.00	0.00	0.00	20.07	20.30			0.00	0.00
2017-12-25 02:00	2	0.11	1.20			0.00	0.00	0.00	0.00	20.36	20.40			0.00	0.00
2017-12-25 02:00	5			1.02	2.00			0.00	0.00	20.07	20.30	0.00	0.00	0.63	0.70
2017-12-25 02:00	8			3.92	5.00			0.00	0.00	20.13	20.40	0.00	0.00	0.00	0.00
2017-12-25 02:00	10			1.98	3.00	0.00	0.00	0.00	0.00	20.01	20.90			0.40	1.10
2017-12-25 02:00	12	0.00	0.00	1.58	3.00			0.00	0.00	20.22	20.30			1.01	1.20
2017-12-25 02:00	13			1.98	2.00			0.00	0.00	20.36	20.40	0.00	0.00	0.65	1.10
2017-12-25 03:00	1	0.39	2.30			0.00	0.10	0.00	0.00	20.00	20.00			0.00	0.00
2017-12-25 03:00	2	0.08	0.70			0.00	0.00	0.00	0.00	20.35	20.40			0.00	0.00
2017-12-25 03:00	5			1.07	2.00			0.00	0.00	20.00	20.00	0.00	0.00	0.60	0.70
2017-12-25 03:00	8			3.95	5.00			0.00	0.00	20.13	20.30	0.00	0.00	0.00	0.00
2017-12-25 03:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.02	20.90			0.42	0.90
2017-12-25 03:00	12	0.00	0.00	1.58	3.00			0.00	0.00	20.22	20.30			0.79	1.10
2017-12-25 03:00	13			1.97	2.00			0.00	0.00	20.35	20.40	0.00	0.00	0.62	1.00
2017-12-25 04:00	1	0.18	1.00			0.00	0.10	0.00	0.00	20.06	20.30			0.00	0.00
2017-12-25 04:00	2	0.17	0.90			0.00	0.00	0.00	0.00	20.32	20.40			0.00	0.00
2017-12-25 04:00	5			1.05	2.00			0.00	0.00	20.06	20.30	0.00	0.00	0.60	0.60
2017-12-25 04:00	8			3.92	4.00			0.00	0.00	20.08	20.30	0.00	0.00	0.00	0.00
2017-12-25 04:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.03	20.90			0.31	0.80
2017-12-25 04:00	12	0.00	0.00	1.76	3.00			0.00	0.00	20.20	20.30			0.63	1.00
2017-12-25 04:00	13			1.97	2.00			0.00	0.00	20.32	20.40	0.00	0.00	0.60	1.00
2017-12-25 05:00	1	0.20	1.10			0.00	0.00	0.00	0.00	20.06	20.30			0.00	0.00
2017-12-25 05:00	2	0.03	0.50			0.00	0.00	0.00	0.00	20.40	21.60			0.00	0.00
2017-12-25 05:00	5			1.02	2.00			0.00	0.00	20.06	20.30	0.00	0.00	0.61	0.70
2017-12-25 05:00	8			3.82	5.00			0.00	0.00	20.04	20.10	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)
2017-12-25 05:00	10			1.97	3.00	0.00	0.00	0.00	0.00	20.05	20.90			0.31	0.80
2017-12-25 05:00	12	0.00	0.00	1.70	2.00			0.00	0.00	20.20	20.20			0.74	1.00
2017-12-25 05:00	13			1.95	2.00			0.00	0.00	20.40	21.60	0.00	0.00	0.60	1.00
2017-12-25 06:00	1	0.45	2.40			0.00	0.10	0.00	0.00	20.07	20.30			0.00	0.00
2017-12-25 06:00	2	0.17	1.80			0.00	0.00	0.00	0.00	20.41	21.60			0.00	0.00
2017-12-25 06:00	5			1.08	2.00			0.00	0.00	20.06	20.30	0.00	0.00	0.61	0.70
2017-12-25 06:00	8			3.88	5.00			0.00	0.00	20.10	20.10	0.00	0.00	0.00	0.00
2017-12-25 06:00	10			1.98	2.00	0.00	0.00	0.00	0.00	20.05	20.90			0.38	0.80
2017-12-25 06:00	12	0.00	0.00	1.67	3.00			0.00	0.00	20.20	20.30			0.73	1.00
2017-12-25 06:00	13			1.93	2.00			0.00	0.00	20.41	21.60	0.00	0.00	0.58	0.80
2017-12-25 07:00	1	0.25	1.40			0.00	0.00	0.00	0.00	20.08	20.30			0.00	0.00
2017-12-25 07:00	2	0.26	1.60			0.00	0.00	0.00	0.00	20.33	20.40			0.00	0.00
2017-12-25 07:00	5			1.07	4.00			0.00	0.00	20.08	20.30	0.00	0.00	0.66	0.70
2017-12-25 07:00	8			3.93	5.00			0.00	0.00	20.10	20.10	0.00	0.00	0.00	0.00
2017-12-25 07:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.05	20.90			0.28	0.80
2017-12-25 07:00	12	0.00	0.00	1.92	4.00			0.00	0.00	20.20	20.20			0.71	1.00
2017-12-25 07:00	13			1.98	3.00			0.00	0.00	20.33	20.40	0.00	0.00	0.62	1.00
2017-12-25 08:00	1	0.39	2.70			0.00	0.00	0.00	0.00	20.00	20.20			0.00	0.00
2017-12-25 08:00	2	0.11	1.10			0.00	0.00	0.00	0.00	20.34	20.40			0.00	0.00
2017-12-25 08:00	5			1.08	3.00			0.00	0.00	20.00	20.20	0.00	0.00	0.64	0.70
2017-12-25 08:00	8			4.02	5.00			0.00	0.00	20.09	20.10	0.00	0.00	0.00	0.00
2017-12-25 08:00	10			2.03	4.00	0.00	0.00	0.00	0.00	19.99	20.10			0.36	0.80
2017-12-25 08:00	12	0.00	0.00	1.72	2.00			0.00	0.00	20.21	20.30			0.65	1.00
2017-12-25 08:00	13			2.00	2.00			0.00	0.00	20.34	20.40	0.00	0.00	0.55	0.80
2017-12-25 09:00	1	0.22	1.50			0.00	0.00	0.00	0.00	20.08	20.10			0.00	0.00
2017-12-25 09:00	2	0.24	1.20			0.00	0.10	0.00	0.00	20.39	20.50			0.00	0.00
2017-12-25 09:00	5			1.08	2.00			0.00	0.00	20.08	20.10	0.00	0.00	0.53	0.60
2017-12-25 09:00	8			3.92	5.00			0.00	0.00	20.10	20.20	0.00	0.00	0.00	0.00
2017-12-25 09:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.08	20.20			0.36	0.80
2017-12-25 09:00	12	0.00	0.10	1.93	3.00			0.00	0.00	20.22	20.30			0.51	0.70
2017-12-25 09:00	13			1.98	2.00			0.00	0.00	20.39	20.50	0.00	0.00	0.51	0.80
2017-12-25 10:00	1	0.07	0.90			0.00	0.00	0.00	0.00	20.15	20.20			0.00	0.00
2017-12-25 10:00	2	0.11	0.90			0.00	0.00	0.00	0.00	20.43	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)
2017-12-25 10:00	5			1.13	3.00			0.00	0.00	20.15	20.20	0.00	0.00	0.33	0.40
2017-12-25 10:00	8			4.02	6.00			0.00	0.00	20.18	20.30	0.00	0.00	0.00	0.00
2017-12-25 10:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.21	20.30			0.28	0.80
2017-12-25 10:00	12	0.00	0.00	1.93	3.00			0.00	0.00	20.31	20.40			0.52	0.80
2017-12-25 10:00	13			2.00	2.00			0.00	0.00	20.43	20.50	0.00	0.00	0.26	0.60
2017-12-25 11:00	1	0.02	0.30			0.00	0.10	0.00	0.00	20.23	20.30			0.00	0.00
2017-12-25 11:00	2	0.17	1.20			0.00	0.00	0.00	0.00	20.49	20.60			0.00	0.00
2017-12-25 11:00	5			1.05	2.00			0.00	0.00	20.23	20.30	0.00	0.00	0.10	0.20
2017-12-25 11:00	8			3.98	5.00			0.00	0.00	20.26	20.30	0.00	0.00	0.00	0.00
2017-12-25 11:00	10			2.00	2.00	0.00	0.00	0.00	0.00	20.22	20.40			0.21	0.60
2017-12-25 11:00	12	0.00	0.00	2.02	3.00			0.00	0.00	20.42	20.50			0.39	0.50
2017-12-25 11:00	13			2.02	3.00			0.00	0.00	20.49	20.60	0.00	0.00	0.09	0.80