

Gowanus CSO Tank - CP2 Daily CAMP Report

Date: 3/14/2024

This Daily Air Monitoring Report summarizes perimeter air monitoring data collected during the referenced period in accordance with the Community Air Monitoring Plan (CAMP) which was included as part of the requirements of Spec Section 01 57 00 Temporary Controls for the Gowanus CSO-GC-SFS-RH3 CP2 Contract. Note: the information included in this daily summary is based on preliminary results and is subject to change based on data validation.

Report Period:	Thursday, March 14, 2024	
Weather	Temperature: 45.8-71.8 °F Precipitation: 0.00 inch Relative Humidity: 62.90%	Wind Speed: 0.30-2.08 mph Prevailing Wind Direction: W
Summary of Site Activities	1. CAMP monitoring approximately 24 hours a day. 2. Slurry Wall Excavation Operations. 3. We again received additional response level alerts on AMS-4 for VOC's just after midnight. The high levels of VOC were investigated using a PID meter and due to the observed readings, it appeared that the high VOCs were originating from the adjacent construction site at 265 Nevins St. The investigation results are attached to this report for reference. 4. We also received a short VOC alert on AMS-2 due to a truck which was parked right next to the unit and upon start up and idling the exhaust was observed to be blowing directly at the unit. The truck was moved immediately. 5. We have been alerted to an issue with AMS-4 which seems to have occurred at approximately 11am on 3/14. Our understanding is the unit is still collecting VOC and PM10 measurements however due to an issue with the modem the data cannot be exported. The contractor is working with the manufacturer to correct the issue.	

Figure 1 - CAMP Station Locations



Daily Readings - VOCs

Data export

03/14/2024 00:00:00 to 03/14/2024 23:59:00

Averaging period: 15 minutes

Time	AMS-1	AMS-2	AMS-3	AMS-4	AMS-5	AMS-6	AMS-7	AMS-8
	VOC - AQS1 13032023-2241 (ppm)	VOC - AQS1 13032023-2244 (ppm)	VOC - AQS1 13032023-2240 (ppm)	VOC - AQS1 13032023-2238 (ppm)	VOC - AQS1 13032023-2239 (ppm)	VOC - AQS1 13032023-2237 (ppm)	VOC - AQS1 13032023-2243 (ppm)	VOC - AQS1 13032023-2242 (ppm)
3/14/2024 0:00	0.01	0.02	0.05	0.51	0.06	0.01	0.05	0.01
3/14/2024 0:15	0.02	0.03	0.05	0.16	0.04	0.01	0.04	0.01
3/14/2024 0:30	0.02	0.96	0.05	0.81	0.04	0.03	0.04	0.02
3/14/2024 0:45	0.02	2.51	0.05	0.75	0.05	0.03	0.06	0.03
3/14/2024 1:00	0.04	0.06	0.05	0.61	0.16	0.03	0.08	0.03
3/14/2024 1:15	0.04	0.15	0.06	0.63	0.12	0.04	0.08	0.04
3/14/2024 1:30	0.04	0.05	0.06	0.66	0.11	0.03	0.08	0.03
3/14/2024 1:45	0.04	0.06	0.06	0.82	0.09	0.04	0.08	0.03
3/14/2024 2:00	0.03	0.01	0.06	0.68	0.05	0.02	0.05	0.02
3/14/2024 2:15	0.01	0	0.06	0.14	0	0.01	0.01	0.01
3/14/2024 2:30	0.01	0	0.06	0.52	0.01	0.02	0.02	0.01
3/14/2024 2:45	0.02	0.09	0.06	0.48	0.05	0.02	0.04	0.02
3/14/2024 3:00	0.02	0.02	0.06	0.72	0.05	0.02	0.03	0.02
3/14/2024 3:15	0.03	0.08	0.06	0.93	0.04	0.02	0.04	0.02
3/14/2024 3:30	0.03	0.06	0.06	1.32	0.07	0.03	0.04	0.03
3/14/2024 3:45	0.03	0.16	0.06	0.73	0.1	0.04	0.09	0.03
3/14/2024 4:00	0.04	0.17	0.07	0.81	0.11	0.05	0.09	0.05
3/14/2024 4:15	0.04	0.05	0.07	0.42	0.12	0.04	0.09	0.05
3/14/2024 4:30	0.02	0.06	0.07	0.12	0.04	0.03	0.04	0.03
3/14/2024 4:45	0.01	0.12	0.07	0.2	0.03	0.01	0.02	0.03
3/14/2024 5:00	0.02	0.07	0.07	0.18	0.02	0.03	0.03	0.03
3/14/2024 5:15	0.01	0.04	0.07	0.1	0	0.02	0.01	0.01
3/14/2024 5:30	0.01	0.03	0.07	0.06	0	0.01	0	0.01
3/14/2024 5:45	0.01	0.04	0.06	0.01	0	0.01	0	0.01
3/14/2024 6:00	0.01	0.03	0.06	0	0	0.01	0	0
3/14/2024 6:15	0.01	0.03	0.06	0	0	0	0	0.01
3/14/2024 6:30	0.01	0.05	0.06	0.01	0.01	0.01	0.01	0.01
3/14/2024 6:45	0.02	0.04	0.06	0.01	0.01	0.01	0.01	0.01
3/14/2024 7:00	0.01	0.05	0.06	0.01	0	0.02	0.01	0.01
3/14/2024 7:15	0.01	0.02	0.06	0.01	0.01	0.03	0.02	0.01
3/14/2024 7:30	0.01	0.03	0.06	0.02	0.02	0.02	0.02	0.01
3/14/2024 7:45	0.02	0.03	0.06	0.01	0.03	0.03	0.03	0.02
3/14/2024 8:00	0.02	0.03	0.06	0.02	0	0.03	0.03	0.02
3/14/2024 8:15	0.02	0.03	0.06	0.02	0	0.03	0.02	0.02
3/14/2024 8:30	0.05	0.04	0.06	0.03	0.01	0.03	0.03	0.02
3/14/2024 8:45	0.02	0.05	0.07	0.05	0.01	0.04	0.02	0.02
3/14/2024 9:00	0.02	0.04	0.07	0.05	0.01	0.05	0.02	0.02
3/14/2024 9:15	0.02	0.04	0.07	0.05	0.01	0.03	0.03	0.02
3/14/2024 9:30	0.03	0.06	0.08	0.05	0.02	0.04	0.04	0.03
3/14/2024 9:45	0.02	0.08	0.08	0.04	0.03	0.03	0.03	0.02
3/14/2024 10:00	0.02	0.14	0.09	0.04	0.03	0.03	0.03	0.02
3/14/2024 10:15	0.02	0.07	0.1	0.03	0.02	0.02	0.03	0.02
3/14/2024 10:30	0.02	0.06	0.11	0.03	0.02	0.02	0.02	0.01
3/14/2024 10:45	0.03	0.12	0.12	0.05	0.02	0.02	0.03	0.02
3/14/2024 11:00	0.03	0.1	0.14	0.06	0.03	0.03	0.04	0.03
3/14/2024 11:15	0.03	0.09	0.15		0.03	0.03	0.05	0.03
3/14/2024 11:30	0.03	0.04	0.16		0.01	0.02	0.04	0.02
3/14/2024 11:45	0.01	0.01	0.18		0.01	0.04	0.01	0
3/14/2024 12:00	0.01	0.02	0.19		0	0.03	0	0
3/14/2024 12:15	0.02	0.03	0.21		0.01	0.02	0.01	0.01
3/14/2024 12:30	0.02	0.02	0.22		0	0	0	0
3/14/2024 12:45	0.01	0	0.23		0	0.02	0	0
3/14/2024 13:00	0.01	0	0.24		0	0	0	0
3/14/2024 13:15	0.01	0	0.24		0	0.03	0	0
3/14/2024 13:30	0	0	0.25		0	0.04	0	0
3/14/2024 13:45	0	0	0.26		0	0.15	0	0
3/14/2024 14:00	0.01	0	0.27		0	0	0	0
3/14/2024 14:15	0.01	0	0.27		0	0.09	0	0
3/14/2024 14:30	0	0	0.27		0	0.02	0	0
3/14/2024 14:45	0.01	0.01	0.28		0	0.08	0	0
3/14/2024 15:00	0	0	0.28		0	0	0	0
3/14/2024 15:15	0	0	0.28		0	0.01	0	0
3/14/2024 15:30	0	0	0.27		0	0	0	0.06
3/14/2024 15:45	0	0	0.26		0	0.03	0	0
3/14/2024 16:00	0	0.01	0.26		0	0	0	0
3/14/2024 16:15	0	0.02	0.24		0	0	0	0

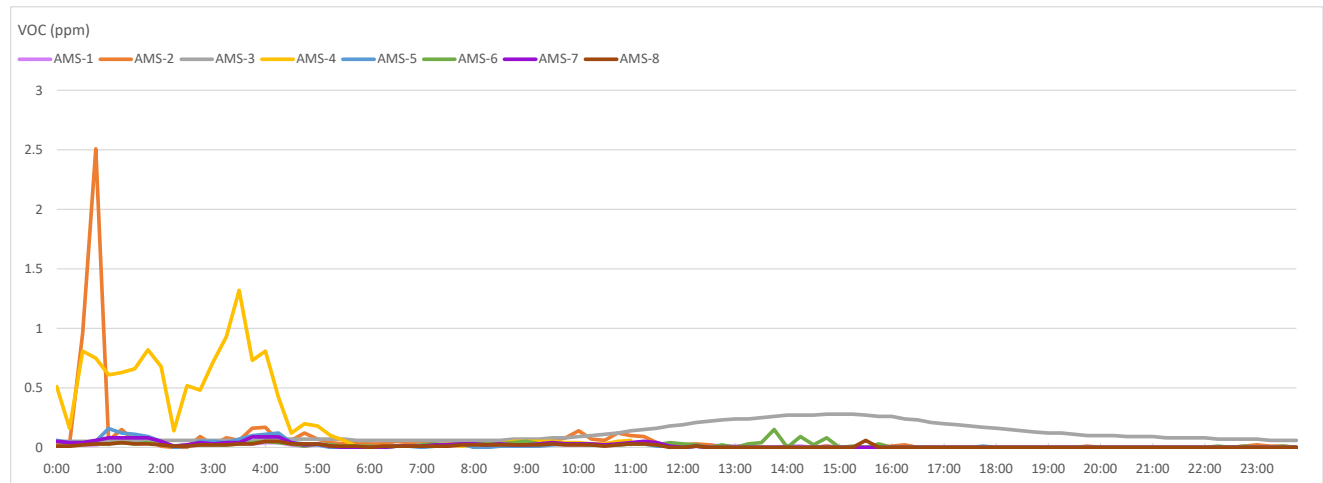
Daily Readings - VOCs

Data export

03/14/2024 00:00:00 to 03/14/2024 23:59:00

Averaging period: 15 minutes

Time	AMS-1	AMS-2	AMS-3	AMS-4	AMS-5	AMS-6	AMS-7	AMS-8
	VOC - AQS1 13032023-2241 (ppm)	VOC - AQS1 13032023-2244 (ppm)	VOC - AQS1 13032023-2240 (ppm)	VOC - AQS1 13032023-2238 (ppm)	VOC - AQS1 13032023-2239 (ppm)	VOC - AQS1 13032023-2237 (ppm)	VOC - AQS1 13032023-2243 (ppm)	VOC - AQS1 13032023-2242 (ppm)
3/14/2024 16:30	0	0	0.23		0	0	0	0
3/14/2024 16:45	0	0	0.21		0	0	0	0
3/14/2024 17:00	0	0	0.2		0	0	0	0
3/14/2024 17:15	0	0	0.19		0	0	0	0
3/14/2024 17:30	0	0	0.18		0	0	0	0
3/14/2024 17:45	0	0	0.17		0.01	0	0	0
3/14/2024 18:00	0	0	0.16		0	0	0	0
3/14/2024 18:15	0	0	0.15		0	0	0	0
3/14/2024 18:30	0	0	0.14		0	0	0	0
3/14/2024 18:45	0	0	0.13		0	0	0	0
3/14/2024 19:00	0	0	0.12		0	0	0	0
3/14/2024 19:15	0	0	0.12		0	0	0	0
3/14/2024 19:30	0	0	0.11		0	0	0	0
3/14/2024 19:45	0	0.01	0.1		0	0	0	0
3/14/2024 20:00	0	0	0.1		0	0	0	0
3/14/2024 20:15	0	0	0.1		0	0	0	0
3/14/2024 20:30	0	0	0.09		0	0	0	0
3/14/2024 20:45	0	0	0.09		0	0	0	0
3/14/2024 21:00	0	0	0.09		0	0	0	0
3/14/2024 21:15	0	0	0.08		0	0	0	0
3/14/2024 21:30	0	0	0.08		0	0	0	0
3/14/2024 21:45	0	0	0.08		0	0	0	0
3/14/2024 22:00	0	0	0.08		0	0	0	0
3/14/2024 22:15	0	0	0.07		0	0.01	0	0
3/14/2024 22:30	0	0	0.07		0	0	0	0
3/14/2024 22:45	0	0.01	0.07		0	0.01	0	0
3/14/2024 23:00	0	0.02	0.07		0	0	0	0
3/14/2024 23:15	0	0.01	0.06		0	0	0	0
3/14/2024 23:30	0	0.01	0.06		0	0.01	0	0
3/14/2024 23:45	0	0	0.06		0	0	0	0



Target Analyte	Admin Level	Normal (green)	Alert Limit (yellow)	Response Limit (orange)	Action Limit (red)
Volatile Organic Compounds *	Between 0.3 and < 0.5 ppm as a 15 minute TWA	Below or equal to 0.5 ppm as a 15 minute TWA	>0.5 ppm and <=0.75 ppm as a 15 minute TWA or odors are observed	>0.75 to < 1.0 ppm as a 15 minute TWA or odors are observed	>=1 ppm as a 15 minute TWA or if odors are observed**

Daily Readings - PM10

Data export

03/14/2024 00:00:00 to 03/14/2024 23:59:00

Averaging period: 15 minutes

Time	AMS-1	AMS-2	AMS-3	AMS-4	AMS-5	AMS-6	AMS-7	AMS-8
	PM10 - AQS1 13032023-2241 (µg/m³)	PM10 - AQS1 13032023-2244 (µg/m³)	PM10 - AQS1 13032023-2240 (µg/m³)	PM10 - AQS1 13032023-2238 (µg/m³)	PM10 - AQS1 13032023-2239 (µg/m³)	PM10 - AQS1 13032023-2237 (µg/m³)	PM10 - AQS1 13032023-2243 (µg/m³)	PM10 - AQS1 13032023-2242 (µg/m³)
3/14/2024 0:00	15.18	34.28	52.48	11.93	38.4	12.23	9.04	13.5
3/14/2024 0:15	12.86	34.74	61.33	13.07	39.38	11.78	8.9	12.85
3/14/2024 0:30	16.3	39.35	66.41	17.39	52.59	12.74	9.74	13.42
3/14/2024 0:45	14.74	38.44	58.48	24.13	62.98	13.17	10.27	13.88
3/14/2024 1:00	17.94	27.04	44.29	17.52	30.86	12.42	11.38	13.63
3/14/2024 1:15	16.16	41.03	53.31	14.65	48.71	12.95	10.07	13.99
3/14/2024 1:30	17.87	41.01	55.85	23.1	50.9	12.55	10.37	13.48
3/14/2024 1:45	17.92	40.41	63.84	27	58.61	13.78	10.71	13.22
3/14/2024 2:00	14.74	24.78	53.65	22.05	37.35	13.32	9.57	13.5
3/14/2024 2:15	17.68	18.34	41.33	16.61	18.87	13.21	8.77	13.54
3/14/2024 2:30	15.23	47.46	66.84	19.74	36.92	16.27	9.72	14.62
3/14/2024 2:45	18.41	32.87	54.15	22.64	35.1	13.88	10.95	14.73
3/14/2024 3:00	14.5	24.14	48.32	24.41	56.95	13.73	9.71	13.63
3/14/2024 3:15	15.51	45.53	64.65	27.45	56.03	13.95	10.21	13.86
3/14/2024 3:30	22.47	27.05	40.42	18.99	35.89	14.64	10.57	14.47
3/14/2024 3:45	19.53	38.32	66.98	21.42	45.39	14.62	13.36	14.91
3/14/2024 4:00	23.7	33.38	54.38	13.68	42.98	15.5	14.33	16.69
3/14/2024 4:15	18.9	26.6	47.86	11.35	50.78	15.62	12.54	16.79
3/14/2024 4:30	14.55	28.7	41.8	12.59	39.87	14.82	10.22	15.55
3/14/2024 4:45	13.32	36.15	50.56	12.11	23.55	13.25	9.29	14.76
3/14/2024 5:00	13.39	21.14	30.79	9.16	21.76	14.19	8.55	15.07
3/14/2024 5:15	9.34	14.09	22.22	7.06	12.37	11.6	6.56	9.9
3/14/2024 5:30	8.3	13.78	21.49	6.14	13.41	10.7	6.05	9.03
3/14/2024 5:45	7.69	12.01	18.5	5.5	8.41	9.99	5.41	8.1
3/14/2024 6:00	7.91	12.68	21.18	5.33	10.87	10.03	5.53	8.45
3/14/2024 6:15	9.1	15.24	27.03	5.73	13.8	11.21	6.53	10.06
3/14/2024 6:30	8.73	15.42	25.74	5.72	11.64	10.75	5.63	8.54
3/14/2024 6:45	10.45	15.11	24.21	6.2	12.88	10.41	5.64	8.32
3/14/2024 7:00	9.89	18.38	27.33	6.72	13.31	11.52	7.42	9.78
3/14/2024 7:15	8.52	14	27.5	6.15	15.89	11.61	7.37	10.42
3/14/2024 7:30	11.35	27.66	43.62	6.76	23.23	13.62	7.26	9.98
3/14/2024 7:45	13.45	30.44	42.82	6.7	21.48	11.7	6.71	9.78
3/14/2024 8:00	13.37	21.44	43.43	7.25	15.73	12.49	7.89	10.16
3/14/2024 8:15	10.59	27.55	49.43	7.71	15.28	12.37	7.65	10.7
3/14/2024 8:30	11.52	22.89	44.39	10.39	14.95	13.03	8.01	11.13
3/14/2024 8:45	13.33	12.3	57.6	11.97	15.1	15.21	8.31	11.29
3/14/2024 9:00	12.53	10.38	23.94	13.24	12.05	17.86	9.01	12.14
3/14/2024 9:15	15.29	13.05	31.08	14.95	19.43	17.81	11.1	14.81
3/14/2024 9:30	19.39	17.22	27.22	16.18	16.44	20.06	14.06	17.62
3/14/2024 9:45	18	16.28	26.05	14.54	15.16	18.05	13.02	16.41
3/14/2024 10:00	31.98	15.88	25.46	15.32	15.64	18.24	12.8	16.18
3/14/2024 10:15	29.07	18.56	22.52	14.89	14.76	17.91	12.94	16.19
3/14/2024 10:30	19.15	23.13	28.32	76.27	16.1	20.51	14.11	18.18
3/14/2024 10:45	21.41	28.01	33.34	19.08	18.42	21.01	15.67	19.32
3/14/2024 11:00	24.13	27.14	42.72	20.76	19.82	24.28	17.95	21.85
3/14/2024 11:15	25.6	44.29	31.62		20.07	24.34	18.59	23.28
3/14/2024 11:30	23.13	20.03	23.88		18.76	23.7	17.36	21.16
3/14/2024 11:45	18.3	15.77	22.99		15.18	26.45	14.3	25.46
3/14/2024 12:00	15.01	18.18	31.91		14.9	21.4	11.87	21.93
3/14/2024 12:15	17.63	20.96	24.87		15.9	21.33	13.89	17.81
3/14/2024 12:30	15.86	15.09	23.47		14.69	15.82	12.35	14.97
3/14/2024 12:45	13.17	9.97	17.01		10.96	13.88	9.54	11.59
3/14/2024 13:00	14.91	11.94	18.91		14.32	17.81	10.05	12.08
3/14/2024 13:15	14.49	11.96	19.73		12.95	18.72	11.22	13.64
3/14/2024 13:30	17.4	13.06	25.83		12.27	18.17	9.6	12.41
3/14/2024 13:45	11.89	10.56	17.05		12.01	16.13	9.09	11.15
3/14/2024 14:00	12.87	11.41	18.14		12.01	16.98	9.34	11.91
3/14/2024 14:15	13.37	9.99	29.58		20.9	16.48	9.11	11.25
3/14/2024 14:30	11.59	9.94	21.22		10.74	14.51	8.54	10.56
3/14/2024 14:45	19.42	10.8	21.51		11.4	18.88	9.54	12.74
3/14/2024 15:00	12.92	12.57	20.56		11.95	15.94	9.85	14.05
3/14/2024 15:15	16.63	14.96	22.89		18.36	15.73	12.68	13.76
3/14/2024 15:30	21.7	14.2	22		19.2	16.35	13.93	13.82
3/14/2024 15:45	12.44	10.71	17.75		13.98	14.38	9.43	11.27
3/14/2024 16:00	14.52	12.18	20.48		13.13	30.93	9.73	12.52
3/14/2024 16:15	10.64	9.86	15.91		10.38	15.56	8.67	10.43

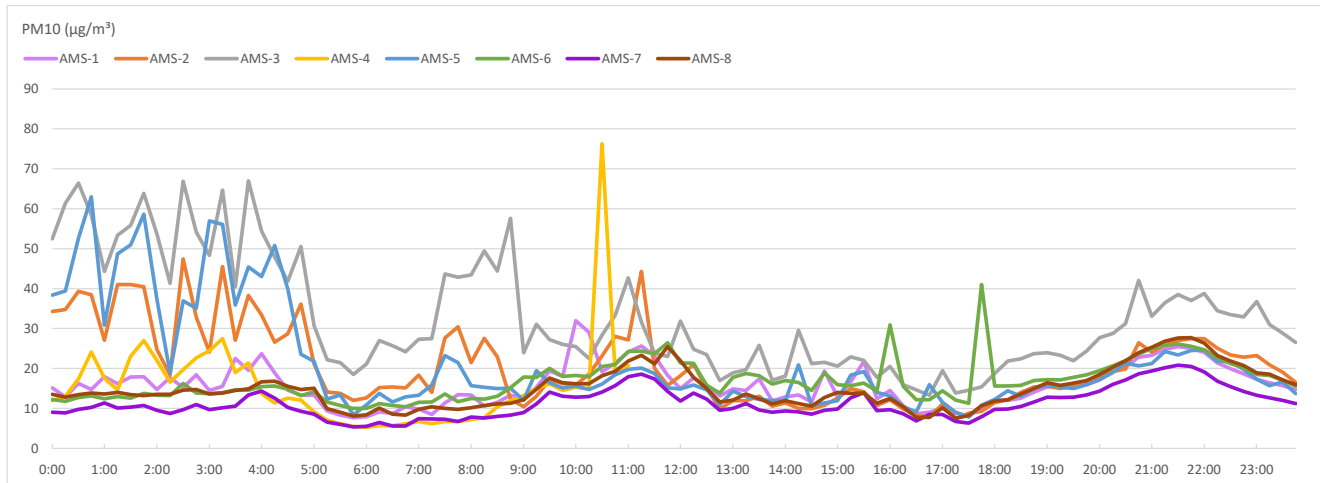
Daily Readings - PM10

Data export

03/14/2024 00:00:00 to 03/14/2024 23:59:00

Averaging period: 15 minutes

Time	AMS-1	AMS-2	AMS-3	AMS-4	AMS-5	AMS-6	AMS-7	AMS-8
	PM10 - AQS1 13032023-2241 (µg/m³)	PM10 - AQS1 13032023-2244 (µg/m³)	PM10 - AQS1 13032023-2240 (µg/m³)	PM10 - AQS1 13032023-2238 (µg/m³)	PM10 - AQS1 13032023-2239 (µg/m³)	PM10 - AQS1 13032023-2237 (µg/m³)	PM10 - AQS1 13032023-2243 (µg/m³)	PM10 - AQS1 13032023-2242 (µg/m³)
3/14/2024 16:30	8.63	8.28	14.69		9.11	12.15	6.91	7.77
3/14/2024 16:45	9.03	7.77	13.34		15.97	12.16	8.5	7.79
3/14/2024 17:00	10.12	11.17	19.47		11.5	14.44	8.52	10.2
3/14/2024 17:15	8.76	7.4	13.84		9.02	12.06	6.77	7.57
3/14/2024 17:30	8.23	8.78	14.61		7.87	11.32	6.36	8.24
3/14/2024 17:45	9.93	9.28	15.39		10.8	41.06	7.93	10.64
3/14/2024 18:00	12.02	11.43	18.75		12.24	15.64	9.76	11.84
3/14/2024 18:15	11.99	12.2	21.85		14.45	15.59	9.88	12.18
3/14/2024 18:30	12.58	13.99	22.43		13.08	15.8	10.46	13.58
3/14/2024 18:45	14.12	15.42	23.74		15.04	16.96	11.64	15
3/14/2024 19:00	15.37	15.66	23.99		15.81	17.25	12.8	16.4
3/14/2024 19:15	15.46	14.97	23.31		15.37	17.15	12.7	15.79
3/14/2024 19:30	15.58	15.54	21.96		15	17.79	12.79	16.34
3/14/2024 19:45	15.97	16.66	24.36		15.95	18.4	13.34	16.99
3/14/2024 20:00	17.14	18.01	27.71		17.19	19.46	14.35	18.49
3/14/2024 20:15	19.21	19.19	28.78		19.01	20.64	16.01	20.29
3/14/2024 20:30	20.46	19.86	31.27		21.32	21.93	17.14	21.94
3/14/2024 20:45	22.81	26.44	42.02		20.66	23.64	18.67	23.99
3/14/2024 21:00	23.33	24.08	33.06		21.19	25.03	19.41	25.33
3/14/2024 21:15	24.82	25.87	36.42		24.31	25.8	20.21	26.83
3/14/2024 21:30	25.48	26.96	38.55		23.42	26.1	20.82	27.66
3/14/2024 21:45	25.07	27.51	37.03		24.54	25.59	20.49	27.75
3/14/2024 22:00	24	27.5	38.78		24.63	24.7	19.11	26.39
3/14/2024 22:15	21.42	25.11	34.43		21.8	22.58	16.85	23.2
3/14/2024 22:30	19.96	23.36	33.49		21.73	21.25	15.45	21.83
3/14/2024 22:45	18.7	22.83	32.92		19.77	20.22	14.3	20.76
3/14/2024 23:00	17.31	23.23	36.78		17.34	18.49	13.28	18.9
3/14/2024 23:15	16.45	20.88	30.98		15.7	18.24	12.62	18.6
3/14/2024 23:30	15.74	19.07	28.84		16.68	17.09	12.01	17.14
3/14/2024 23:45	14.78	16.53	26.52		13.73	15.63	11.25	15.98



Target Analyte	Admin Level	Normal (green)	Alert Limit (yellow)	Response Limit (orange)	Action Limit (red)
Respirable particulate matter (PM10) *	>75 ug/m3 to 100 ug/m3 as a 15 minute TWA	<=100 ug/m3 as a 15 minute TWA	>100 ug/m3 and <=150 ug/m3 as a 15 minute TWA	See Alert Limit criteria	>150 ug/m3 as a 15 minute TWA