

Gowanus CSO Tank - CP2 Daily CAMP Report

Date: 8/2/2024

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:	Friday, August 2, 2024	
Weather	Temperature: 23.9-34.3 °C Precipitation: N/A inch Relative Humidity: 72.6%	Wind Speed: 0.3-3.22 m/s Prevailing Wind Direction: SW
Summary of Site Activities	1. CAMP monitoring approximately 20 hours a day. 2. Permeation grouting operations(ended at 2AM),soil load out. 3. There was a PM10 alert on AMS-5 due to the contractor adding too much oil to the fuel mixture causing the generator exhaust to smoke and trigger alert. 4. There were three VOC alerts on AMS-1 on 8/2 due to a faulty sensor. A 5-gas meter was utilized to confirm the results were incorrect. There also was no work being performed in this area at the time of the alerts. The technician is working with the vendor to repair the unit. A 5-gas meter will continue to be utilized at this location until AMS-1 can be brought back online.	

Figure 1 - CAMP Station Locations



Daily Readings - VOCs

Data export

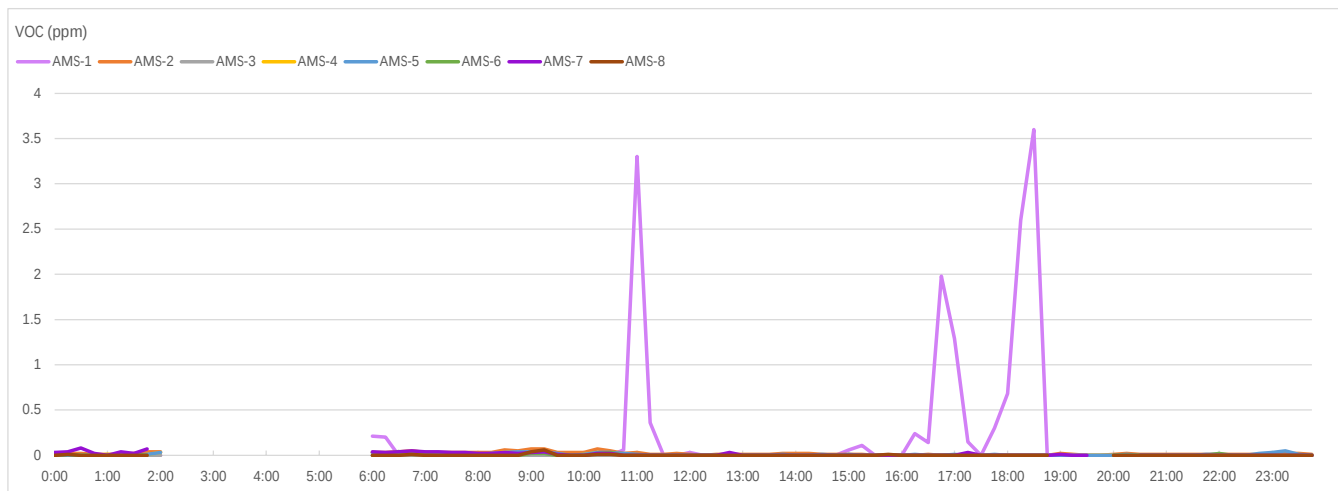
08/02/2024 00:00:00 to 08/02/2024 23:59:00

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)
8/2/2024 0:00	0	0.01	0	0	0	0	0.03	0
8/2/2024 0:15	0	0.02	0	0	0	0.01	0.04	0.01
8/2/2024 0:30	0	0.02	0	0	0	0	0.08	0
8/2/2024 0:45	0	0.01	0	0	0	0	0.02	0
8/2/2024 1:00	0	0.01	0	0.01	0	0	0	0
8/2/2024 1:15	0	0.01	0	0	0	0	0.04	0
8/2/2024 1:30	0	0.02	0	0	0	0.01	0.02	0
8/2/2024 1:45	0	0.04	0	0.01	0.01	0	0.07	0
8/2/2024 2:00	0	0.04	0	0.03	0.03			
8/2/2024 2:15								
8/2/2024 2:30								
8/2/2024 2:45								
8/2/2024 3:00								
8/2/2024 3:15								
8/2/2024 3:30								
8/2/2024 3:45								
8/2/2024 4:00								
8/2/2024 4:15								
8/2/2024 4:30								
8/2/2024 4:45								
8/2/2024 5:00								
8/2/2024 5:15								
8/2/2024 5:30								
8/2/2024 5:45								
8/2/2024 6:00	0.21	0.03	0	0.03	0.03	0	0.04	0
8/2/2024 6:15	0.2	0.03	0	0.02	0.02	0.01	0.03	0
8/2/2024 6:30	0	0.04	0	0.02	0.03	0.04	0.04	0
8/2/2024 6:45	0	0.05	0	0.03	0.02	0.01	0.05	0.01
8/2/2024 7:00	0	0.03	0	0.03	0.03	0.01	0.04	0
8/2/2024 7:15	0	0.03	0	0.01	0.01	0	0.04	0
8/2/2024 7:30	0	0.03	0	0.02	0.02	0	0.03	0
8/2/2024 7:45	0	0.03	0	0.01	0.02	0.01	0.03	0
8/2/2024 8:00	0	0.03	0	0.01	0.01	0	0.02	0
8/2/2024 8:15	0	0.03	0	0.01	0.02	0.01	0.02	0
8/2/2024 8:30	0	0.06	0	0.04	0.03	0.02	0.03	0
8/2/2024 8:45	0	0.05	0	0.02	0.04	0	0.02	0
8/2/2024 9:00	0	0.07	0	0.03	0.04	0.02	0.03	0.04
8/2/2024 9:15	0	0.07	0	0.05	0.04	0.02	0.04	0.06
8/2/2024 9:30	0	0.03	0	0	0.02	0	0.01	0
8/2/2024 9:45	0	0.03	0	0	0	0	0	0
8/2/2024 10:00	0	0.03	0	0.01	0.01	0	0	0
8/2/2024 10:15	0	0.07	0	0.03	0.03	0.02	0.02	0.01
8/2/2024 10:30	0	0.05	0	0.02	0.03	0.03	0.02	0.01
8/2/2024 10:45	0.06	0.02	0	0	0.02	0	0	0
8/2/2024 11:00	3.3	0.03	0	0	0.01	0	0	0
8/2/2024 11:15	0.36	0.01	0	0	0	0	0	0
8/2/2024 11:30	0	0.01	0	0	0	0	0	0
8/2/2024 11:45	0	0.02	0	0	0	0	0	0
8/2/2024 12:00	0.03	0.01	0	0	0	0	0	0
8/2/2024 12:15	0	0	0	0	0	0	0	0
8/2/2024 12:30	0	0.01	0	0	0	0	0	0
8/2/2024 12:45	0	0.01	0	0	0	0	0.03	0
8/2/2024 13:00	0	0.01	0	0	0	0	0	0
8/2/2024 13:15	0	0.01	0	0	0	0	0	0
8/2/2024 13:30	0	0.01	0	0	0	0	0	0
8/2/2024 13:45	0	0.02	0	0	0.01	0	0	0
8/2/2024 14:00	0	0.02	0	0	0	0	0	0
8/2/2024 14:15	0	0.02	0	0	0	0	0	0
8/2/2024 14:30	0	0.01	0	0	0.01	0	0	0
8/2/2024 14:45	0	0.01	0	0	0	0	0	0
8/2/2024 15:00	0.06	0.01	0	0	0.01	0	0	0
8/2/2024 15:15	0.11	0.01	0	0	0	0	0	0
8/2/2024 15:30	0	0	0	0	0	0	0	0
8/2/2024 15:45	0	0	0	0	0	0	0	0.01
8/2/2024 16:00	0	0	0	0	0	0	0	0

Daily Readings - VOCs
Data export
08/02/2024 00:00:00 to 08/02/2024 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)
8/2/2024 16:15	0.24	0	0	0	0.01	0	0	0
8/2/2024 16:30	0.14	0.01	0	0	0	0	0	0
8/2/2024 16:45	1.98	0	0	0	0	0	0	0
8/2/2024 17:00	1.29	0	0	0	0.01	0	0	0
8/2/2024 17:15	0.15	0	0	0	0	0	0.03	0
8/2/2024 17:30	0	0	0	0	0	0	0	0
8/2/2024 17:45	0.3	0	0	0	0.01	0	0	0
8/2/2024 18:00	0.68	0	0	0	0	0	0	0
8/2/2024 18:15	2.6	0	0	0	0	0	0	0
8/2/2024 18:30	3.6	0	0	0	0	0	0	0
8/2/2024 18:45	0	0	0	0	0	0	0	0
8/2/2024 19:00	0	0.02	0	0	0		0.01	
8/2/2024 19:15	0	0.01	0	0	0		0	
8/2/2024 19:30	0	0	0	0	0		0	
8/2/2024 19:45		0	0	0	0			
8/2/2024 20:00		0.01	0	0	0	0		0
8/2/2024 20:15	0.1	0.02	0	0	0.01	0		0
8/2/2024 20:30		0.01	0	0	0	0	0	0
8/2/2024 20:45		0.01	0	0	0	0	0	0
8/2/2024 21:00		0.01	0	0	0	0	0	0
8/2/2024 21:15		0.01	0	0	0	0	0	0
8/2/2024 21:30		0.01	0	0	0	0	0	0
8/2/2024 21:45		0.01	0	0	0.01	0	0	0
8/2/2024 22:00		0.01	0	0	0.01	0.02	0	0
8/2/2024 22:15		0.01	0	0	0	0	0	0
8/2/2024 22:30		0.01	0	0	0	0	0	0
8/2/2024 22:45		0.01	0	0	0.02	0	0	0
8/2/2024 23:00		0.02	0	0	0.03	0	0	0
8/2/2024 23:15		0.02	0	0	0.05	0	0	0
8/2/2024 23:30		0.02	0	0	0.01	0	0	0
8/2/2024 23:45		0.01	0	0	0	0	0	0



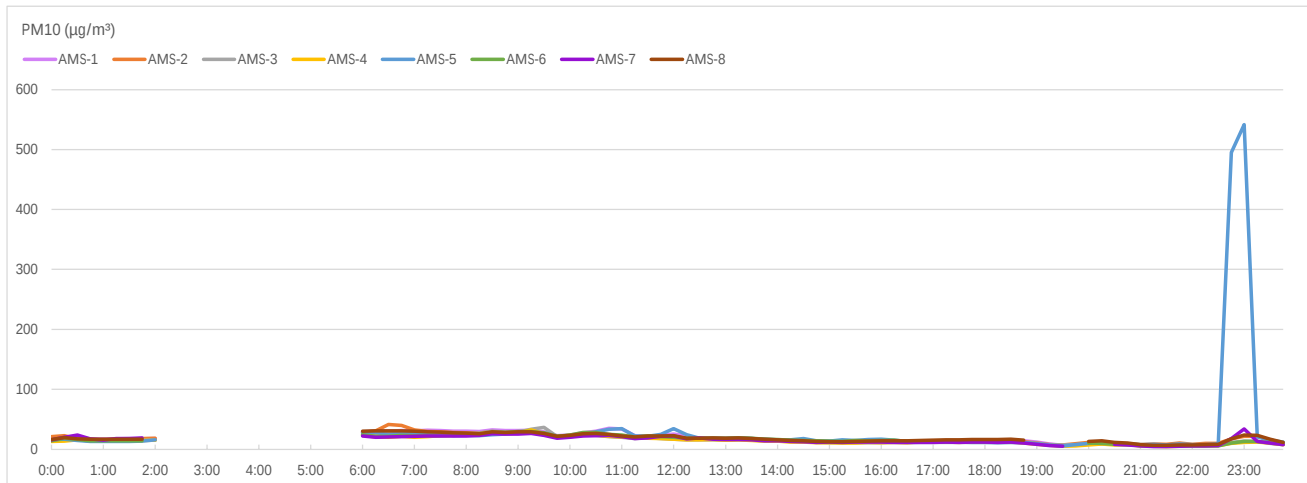
Target Analyte	Admin Level	Normal (green)	Alert Limit (yellow)	Response Limit (orange)	Action Limit (red)
Volatile Organic Compounds *	Between 0.3 and < 0.5 ppm as a 15 minute TWA	Below or equal to 0.5 ppm as a 15 minute TWA	>0.5 ppm and < =0.75 ppm as a 15 minute TWA or odors are	>0.75 to < 1.0 ppm 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
 08/02/2024 00:00:00 to 08/02/2024 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)
8/2/2024 0:00	16.34	21.05	14.81	13.06	16.02	14.22	15.7	16.23
8/2/2024 0:15	18.69	22.51	15.62	13.59	16.92	18.57	20.26	19.72
8/2/2024 0:30	19.42	17.63	15.52	16.03	14.59	16.18	23.94	17.31
8/2/2024 0:45	17.38	15.95	13.99	14.39	13.28	14.24	17.26	16.84
8/2/2024 1:00	17.18	15.91	13.97	14.38	13.04	14.28	15.01	16.82
8/2/2024 1:15	17.36	16.04	14.18	15.03	13.36	14.28	18.16	16.84
8/2/2024 1:30	17.66	15.77	14.13	14.58	13.12	14.42	17.66	16.83
8/2/2024 1:45	17.41	17.86	14.98	14.91	13.57	14.13	18.93	17.01
8/2/2024 2:00	18.07	18.65	15.29	15.36	15.95			
8/2/2024 2:15								
8/2/2024 2:30								
8/2/2024 2:45								
8/2/2024 3:00								
8/2/2024 3:15								
8/2/2024 3:30								
8/2/2024 3:45								
8/2/2024 4:00								
8/2/2024 4:15								
8/2/2024 4:30								
8/2/2024 4:45								
8/2/2024 5:00								
8/2/2024 5:15								
8/2/2024 5:30								
8/2/2024 5:45								
8/2/2024 6:00	29.07	28.31	25.15	23.22	27.27	24.14	22.32	30.44
8/2/2024 6:15	30.08	30.74	24.79	20.78	28.7	21.49	20	30.52
8/2/2024 6:30	30.31	41.47	28.14	20.3	24.28	21.89	20.83	30.93
8/2/2024 6:45	31.26	39.9	28.62	21.79	28.22	23.29	21	30.73
8/2/2024 7:00	30.88	32.46	24.15	19.93	27.33	22.48	21.73	30.29
8/2/2024 7:15	31.52	29.42	23.66	21.34	25.38	22.9	22.39	29.21
8/2/2024 7:30	31.19	29.23	23.92	22.89	26.89	22.9	22.29	28.77
8/2/2024 7:45	30.21	28.27	25.35	23.41	22.89	23.41	22.36	27.45
8/2/2024 8:00	30.4	27.4	25.91	24.36	23.05	24.3	22.17	26.86
8/2/2024 8:15	29.61	26.86	26.78	25.89	22.77	24.5	23.17	25.79
8/2/2024 8:30	32.5	29.72	30.14	27.89	24.35	28.5	25.73	29
8/2/2024 8:45	31.1	27.09	28.74	27.4	25.53	27.81	25.12	27.99
8/2/2024 9:00	31.33	27.66	28.75	27.38	27.36	29.66	25.13	28.98
8/2/2024 9:15	31.67	27.69	33.31	32.33	27.25	29.48	26.31	28.96
8/2/2024 9:30	29.02	24.77	36.89	25.72	27.56	27.61	23.49	26.6
8/2/2024 9:45	22.9	20.11	20.97	21.09	20.86	21.63	18.49	21.45
8/2/2024 10:00	24.03	21.12	21.49	23.13	22.47	23.98	19.79	23.23
8/2/2024 10:15	27.25	23.46	24.34	24.92	24.94	28.11	22.17	25.98
8/2/2024 10:30	30.18	24.05	23.38	23.98	29.15	28.16	22.95	26.3
8/2/2024 10:45	35	22.3	20.95	21.85	33.28	25.03	23.07	24.76
8/2/2024 11:00	34.03	20.42	19.85	20.73	34.58	23.93	20.94	22.33
8/2/2024 11:15	22.86	19.53	17.77	19.3	21.99	20.52	18.13	20.36
8/2/2024 11:30	21.3	20.44	19.31	18.5	21.8	22.04	18.71	22.41
8/2/2024 11:45	23.38	19.08	17.86	17.74	24.64	20.9	21.44	21.93
8/2/2024 12:00	25.5	17.93	16.64	16.79	34.4	19.88	22.17	22.53
8/2/2024 12:15	21.92	17.11	15.85	15.67	24.37	18.62	17.27	18.44
8/2/2024 12:30	18.11	16.89	15.85	15.7	18.27	18.68	18.79	18.34
8/2/2024 12:45	18.69	16.87	15.93	16.11	18.49	18.54	17.01	18.73
8/2/2024 13:00	18.26	16.32	15.24	15.4	17.96	18.32	16.33	18.51
8/2/2024 13:15	18.82	17.09	15.89	15.71	18.76	19.08	16.5	19.15
8/2/2024 13:30	17.7	16.74	15.32	14.95	17.99	18.4	15.59	18.13
8/2/2024 13:45	15.82	15.25	14.2	13.65	16.74	17.05	13.98	16.76
8/2/2024 14:00	15.77	14.92	13.85	13.53	15.85	16.52	13.98	15.9
8/2/2024 14:15	15.39	13.83	13.1	12.29	15.63	15.24	13.34	14.69
8/2/2024 14:30	14.93	13.31	12.41	11.99	17.9	14.6	12.65	14.19
8/2/2024 14:45	13.18	12.61	11.7	11.08	13.96	13.99	11.46	13.34
8/2/2024 15:00	13.93	12.03	11.15	10.81	13.58	13.59	12.23	12.8
8/2/2024 15:15	13.23	11.74	10.95	10.66	15.85	13.15	11.38	12.54
8/2/2024 15:30	13.74	11.96	10.86	10.63	14.46	14.57	12.03	13.21
8/2/2024 15:45	14.02	11.95	10.88	11.32	16.43	14.23	12.12	13.77
8/2/2024 16:00	13.97	12.42	11.12	11.07	16.87	14.68	11.86	14.29
8/2/2024 16:15	13.86	12.4	11.27	11.46	15	15.12	11.68	14.43

Daily Readings - PM10
Data export
08/02/2024 00:00:00 to 08/02/2024 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)
8/2/2024 16:30	13.37	12.3	11.08	11.06	13.2	13.18	11.34	14.3
8/2/2024 16:45	13.78	12.63	11.24	12.47	12.21	12.18	11.52	14.73
8/2/2024 17:00	14.06	12.77	11.48	11.86	12.13	12.08	11.71	15.24
8/2/2024 17:15	14.38	13.29	11.65	12.11	12.44	12.26	11.78	15.63
8/2/2024 17:30	14.24	13.01	11.51	11.46	11.93	12.04	11.69	15.78
8/2/2024 17:45	14.6	13.41	11.4	12.37	11.68	12.03	11.82	16.17
8/2/2024 18:00	14.74	13.47	11.65	12.16	11.46	12.25	11.88	16.51
8/2/2024 18:15	14.61	13.26	11.34	12.76	11.22	11.79	11.72	16.22
8/2/2024 18:30	15.2	13.75	11.53	13.09	11.48	12.02	12.11	16.88
8/2/2024 18:45	13.95	12.48	10.31	10.59	11.36	12.91	10.63	15.37
8/2/2024 19:00	12.01	10.18	10.03	8.23	9.59		8.41	
8/2/2024 19:15	8.88	7.57	7.07	6.56	7.24		6.21	
8/2/2024 19:30	6.95	7.27	7.21	5.35	5.85		5.18	
8/2/2024 19:45		9.11	7.53	5.8	7.97			
8/2/2024 20:00		11.69	9.38	7.2	10.11	10.62		13.2
8/2/2024 20:15	13.17	10.71	9.03	9.02	12.06	9.7		14.4
8/2/2024 20:30	10.07	9.42	8.14	7.13	9.34	8.26	8.35	11.57
8/2/2024 20:45		9.4	8.03	7.67	8.87	7.85	7.28	10.68
8/2/2024 21:00		8.03	7	5.84	7.83	6.04	5.5	7.81
8/2/2024 21:15		8.94	6.62	5.04	8.18	5.39	4.65	6.75
8/2/2024 21:30		8.32	5.93	4.88	7.26	5.46	4.77	6.83
8/2/2024 21:45		10.67	6.63	5.22	8.85	5.84	5.01	7.26
8/2/2024 22:00		8.55	6.92	5.44	7.61	5.65	5.48	7.27
8/2/2024 22:15		9.65	6.96	5.74	7.84	5.82	5.64	7.63
8/2/2024 22:30		9.64	7.26	5.91	8.86	5.74	5.96	8.28
8/2/2024 22:45		17.22	11.41	9.85	495.25	10.55	17.8	17.21
8/2/2024 23:00		21.74	13.46	11.52	541.4	12.89	34.06	23.79
8/2/2024 23:15		21.78	12.84	12.11	20.83	13.16	13.36	23.07
8/2/2024 23:30		15.94	10.13	10.22	15.41	10.78	10.17	16.85
8/2/2024 23:45		10.38	7.53	7.6	12.03	8.86	8.01	11.64



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 µg/m3 as a 15 minute TWA