

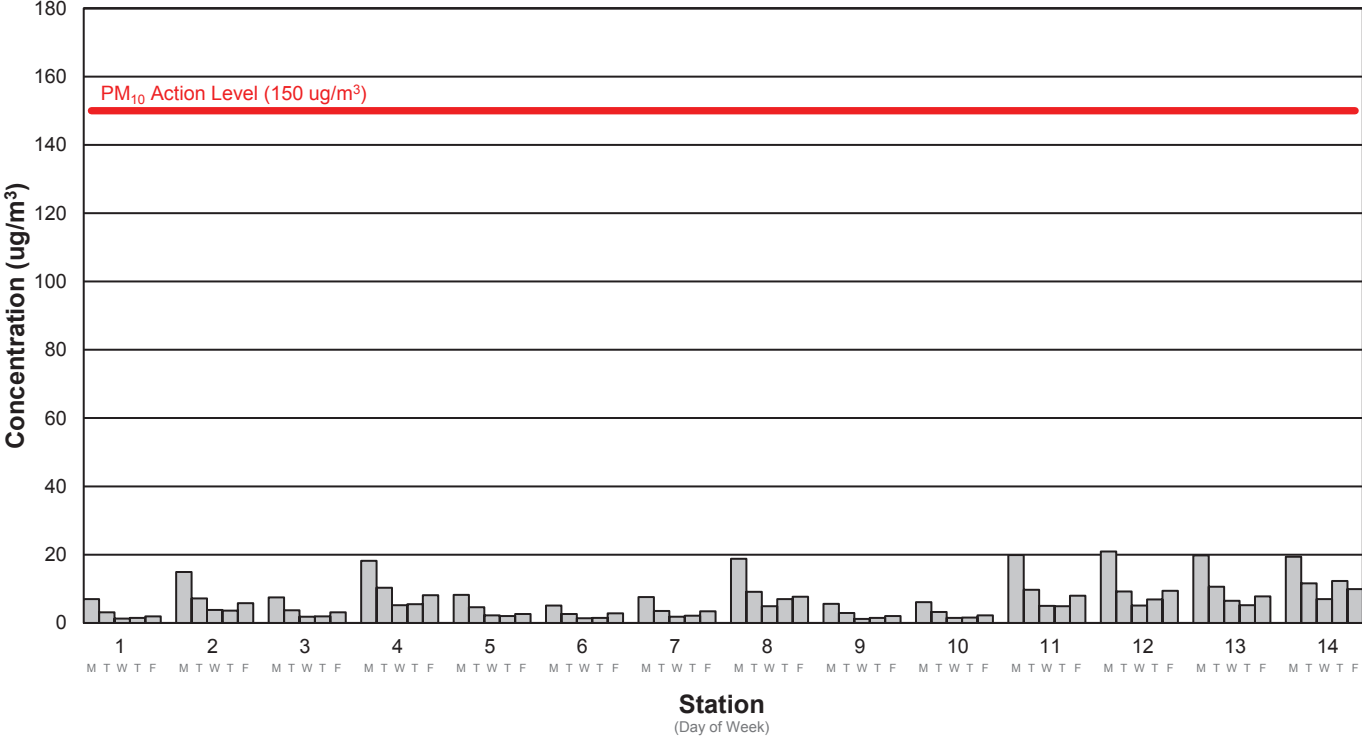
cleanup of the Gowanus Canal

Environmental Monitoring Update Week of August 21, 2023

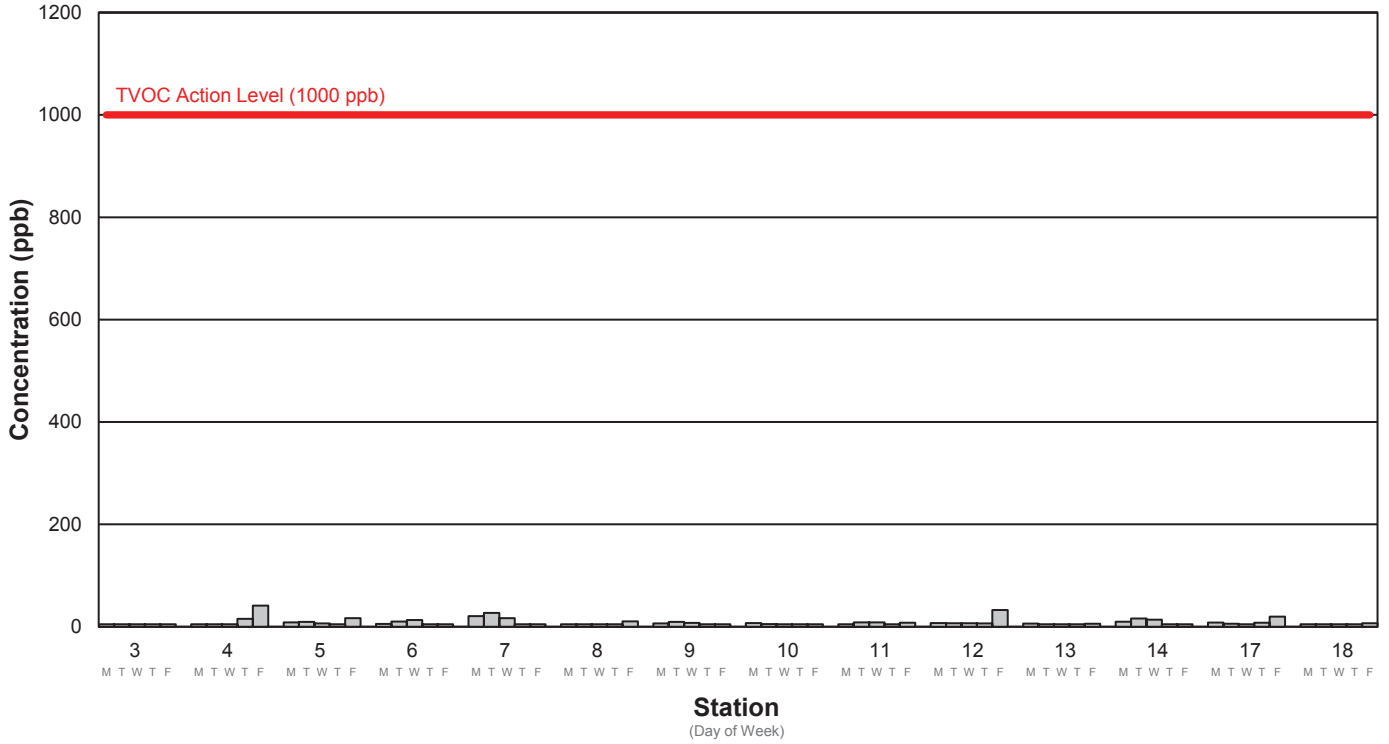
Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period August 21, 2023 through August 25, 2023. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below. Meteorological data collected in the project staging area are shown in the Table below for the same calendar period as well. The data reflected in the graphs represent readings from 6:00 am – 6:00 pm on working days. There were no concentrations of volatile compounds or dust attributable to construction activities above the threshold during the same calendar period.

**Average PM10 Concentration
Week 145: 8/21/2023 - 8/25/2023**



Average TVOC Concentration
Week 145: 8/21/2023 - 8/25/2023



Average TVOC/PM10 Concentration Week 145: 8/21/2023 - 8/25/2023							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
8/21/2023	3	<5	7	8/21/2023	10	7.2	18.8
8/22/2023	3	<5	3.1	8/22/2023	10	5.2	9.1
8/23/2023	3	<5	1.3	8/23/2023	10	<5	4.9
8/24/2023	3	<5	1.5	8/24/2023	10	<5	7
8/25/2023	3	<5	1.9	8/25/2023	10	<5	7.7
8/21/2023	4	<5	14.9	8/21/2023	11	<5	5.6
8/22/2023	4	<5	7.2	8/22/2023	11	8.4	2.9
8/23/2023	4	<5	3.8	8/23/2023	11	8.6	1.2
8/24/2023	4	15.6	3.6	8/24/2023	11	<5	1.5
8/25/2023	4	41.2	5.8	8/25/2023	11	7.9	2
8/21/2023	5	8.6	7.5	8/21/2023	12	7.3	6.1
8/22/2023	5	9.4	3.7	8/22/2023	12	7	3.2
8/23/2023	5	6.5	1.8	8/23/2023	12	7	1.5
8/24/2023	5	<5	1.9	8/24/2023	12	6.4	1.6
8/25/2023	5	16.9	3.1	8/25/2023	12	32.7	2.2
8/21/2023	6	5.5	18.2	8/21/2023	13	6.1	19.9
8/22/2023	6	10.3	10.3	8/22/2023	13	<5	9.7
8/23/2023	6	13.2	5.2	8/23/2023	13	<5	5
8/24/2023	6	<5	5.5	8/24/2023	13	<5	4.9
8/25/2023	6	<5	8.1	8/25/2023	13	5.9	8
8/21/2023	7	20.6	8.2	8/21/2023	14	9.7	20.9
8/22/2023	7	27	4.6	8/22/2023	14	16	9.2
8/23/2023	7	16.9	2.2	8/23/2023	14	13.8	5.1
8/24/2023	7	<5	2	8/24/2023	14	<5	6.9
8/25/2023	7	<5	2.6	8/25/2023	14	<5	9.4
8/21/2023	8	<5	5.1	8/21/2023	17	8.1	19.8
8/22/2023	8	<5	2.6	8/22/2023	17	5.7	10.6
8/23/2023	8	<5	1.4	8/23/2023	17	<5	6.5
8/24/2023	8	<5	1.5	8/24/2023	17	8	5.2
8/25/2023	8	10.6	2.8	8/25/2023	17	19.6	7.8
8/21/2023	9	6.6	7.6	8/21/2023	18	<5	19.4
8/22/2023	9	9.6	3.5	8/22/2023	18	<5	11.6
8/23/2023	9	7.4	1.8	8/23/2023	18	<5	7
8/24/2023	9	<5	2.1	8/24/2023	18	<5	12.3
8/25/2023	9	<5	3.4	8/25/2023	18	6.8	9.9

Summary of Daily Average Meteorological Data Parameters (Week 145)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
08/21/2023	W	4.37	81.03	63.66	1014.09
08/22/2023	SE	7.35	73.54	54.60	1015.34
08/23/2023	E	6.37	71.38	54.75	1016.71
08/24/2023	SSE	6.21	70.10	82.07	1015.07
08/25/2023	S	5.84	73.30	92.56	1008.24

Noise Monitoring

Noise monitoring data was collected at the Staging Site and adjacent to work activities within the canal. All noise monitoring data collected at these locations was below the 85 dBA allowable equivalent noise level.