

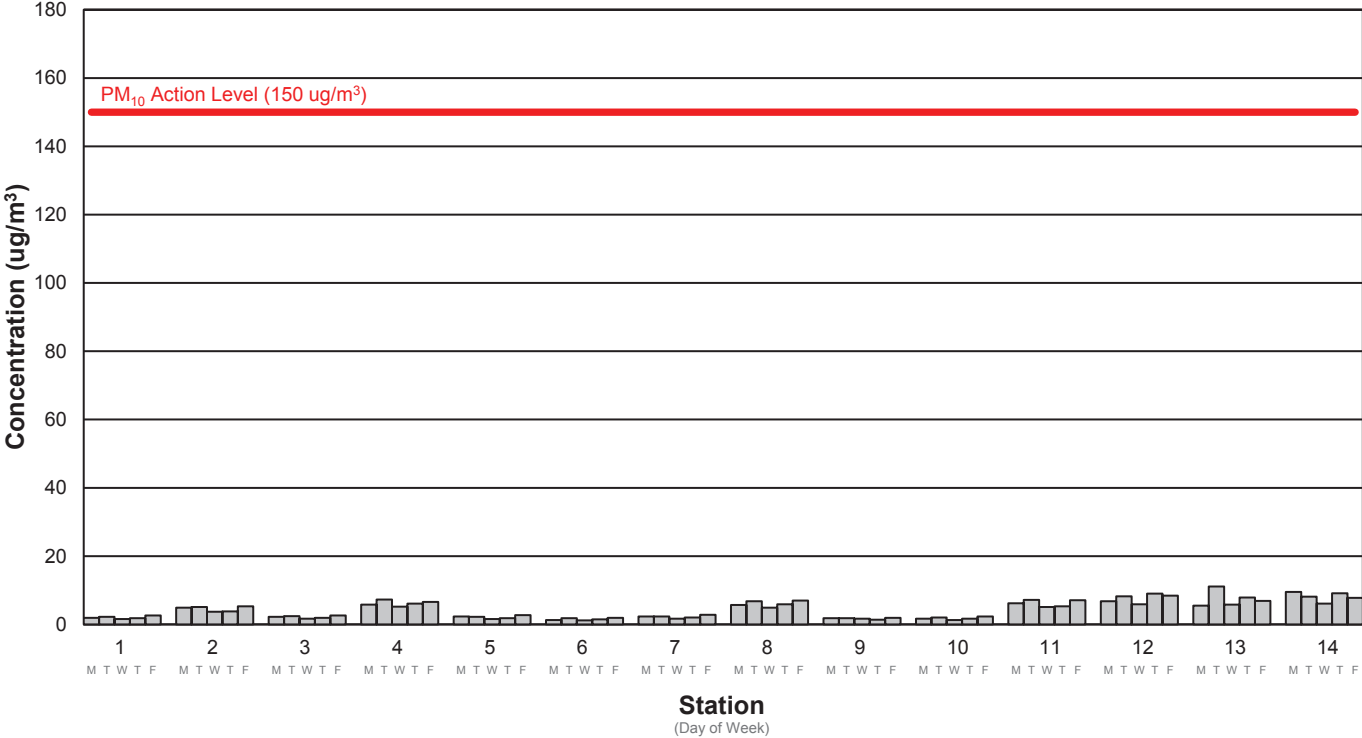
# cleanup of the Gowanus Canal

## Environmental Monitoring Update Week of August 14, 2023

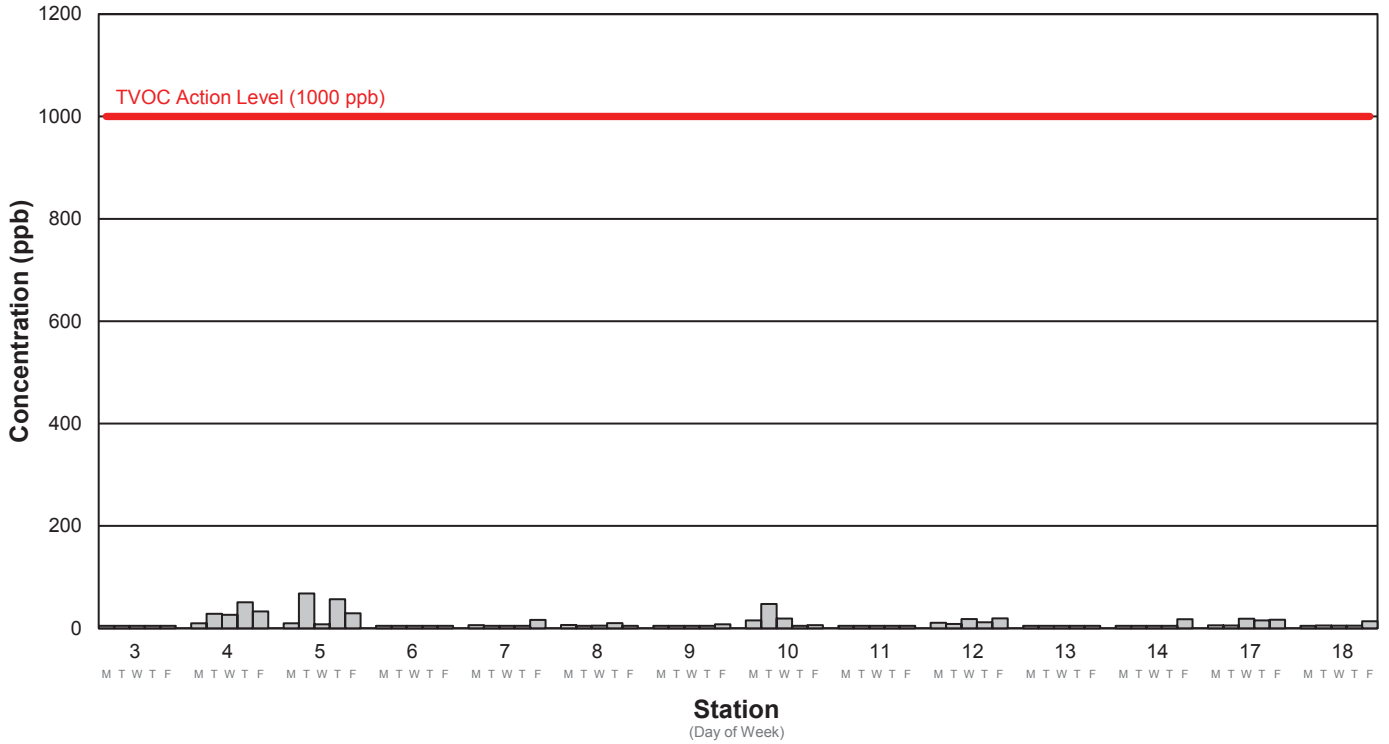
### Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period August 14, 2023 through August 18, 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 144: 8/14/2023 - 8/18/2023**



Average TVOC Concentration  
Week 144: 8/14/2023 - 8/18/2023



Average TVOC/PM10 Concentration Week 144: 8/14/2023 - 8/18/2023							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
8/14/2023	3	<5	1.9	8/14/2023	10	15.4	5.7
8/15/2023	3	<5	2.2	8/15/2023	10	47.4	6.8
8/16/2023	3	<5	1.6	8/16/2023	10	19.2	4.9
8/17/2023	3	<5	1.8	8/17/2023	10	<5	5.9
8/18/2023	3	<5	2.6	8/18/2023	10	6.1	7
8/14/2023	4	9.8	4.9	8/14/2023	11	<5	1.8
8/15/2023	4	28.2	5.1	8/15/2023	11	<5	1.8
8/16/2023	4	26.5	3.7	8/16/2023	11	<5	1.7
8/17/2023	4	50.8	3.8	8/17/2023	11	<5	1.4
8/18/2023	4	33	5.3	8/18/2023	11	<5	1.9
8/14/2023	5	9.7	2.2	8/14/2023	12	10.9	1.7
8/15/2023	5	68.2	2.4	8/15/2023	12	8.6	2
8/16/2023	5	7.9	1.7	8/16/2023	12	18.2	1.3
8/17/2023	5	56.7	1.9	8/17/2023	12	11.9	1.7
8/18/2023	5	29.4	2.6	8/18/2023	12	19.3	2.3
8/14/2023	6	<5	5.8	8/14/2023	13	<5	6.2
8/15/2023	6	<5	7.3	8/15/2023	13	<5	7.2
8/16/2023	6	<5	5.2	8/16/2023	13	<5	5.1
8/17/2023	6	<5	6.1	8/17/2023	13	<5	5.3
8/18/2023	6	<5	6.6	8/18/2023	13	<5	7.1
8/14/2023	7	6.3	2.3	8/14/2023	14	<5	6.8
8/15/2023	7	<5	2.2	8/15/2023	14	<5	8.2
8/16/2023	7	<5	1.6	8/16/2023	14	<5	5.9
8/17/2023	7	<5	1.8	8/17/2023	14	<5	9
8/18/2023	7	16.5	2.7	8/18/2023	14	17.9	8.4
8/14/2023	8	6.6	1.3	8/14/2023	17	5.7	5.5
8/15/2023	8	<5	1.8	8/15/2023	17	5.5	11.1
8/16/2023	8	5.1	1.2	8/16/2023	17	18.6	5.8
8/17/2023	8	10.3	1.5	8/17/2023	17	15.4	7.9
8/18/2023	8	<5	1.9	8/18/2023	17	16.9	6.9
8/14/2023	9	<5	2.3	8/14/2023	18	<5	9.5
8/15/2023	9	<5	2.3	8/15/2023	18	5.4	8.1
8/16/2023	9	<5	1.7	8/16/2023	18	5.3	6.1
8/17/2023	9	<5	2	8/17/2023	18	5.1	9.1
8/18/2023	9	8	2.8	8/18/2023	18	13.7	7.8

**Summary of Daily Average Meteorological Data Parameters (Week 144)**

Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
08/14/2023	SSW	4.71	77.59	69.73	1011.29
08/15/2023	SSE	5.30	74.77	86.88	1005.57
08/16/2023	SE	4.78	74.10	85.62	1009.59
08/17/2023	ESE	6.16	73.64	91.60	1010.84
08/18/2023	WSW	7.86	74.31	69.51	1004.22

*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.