

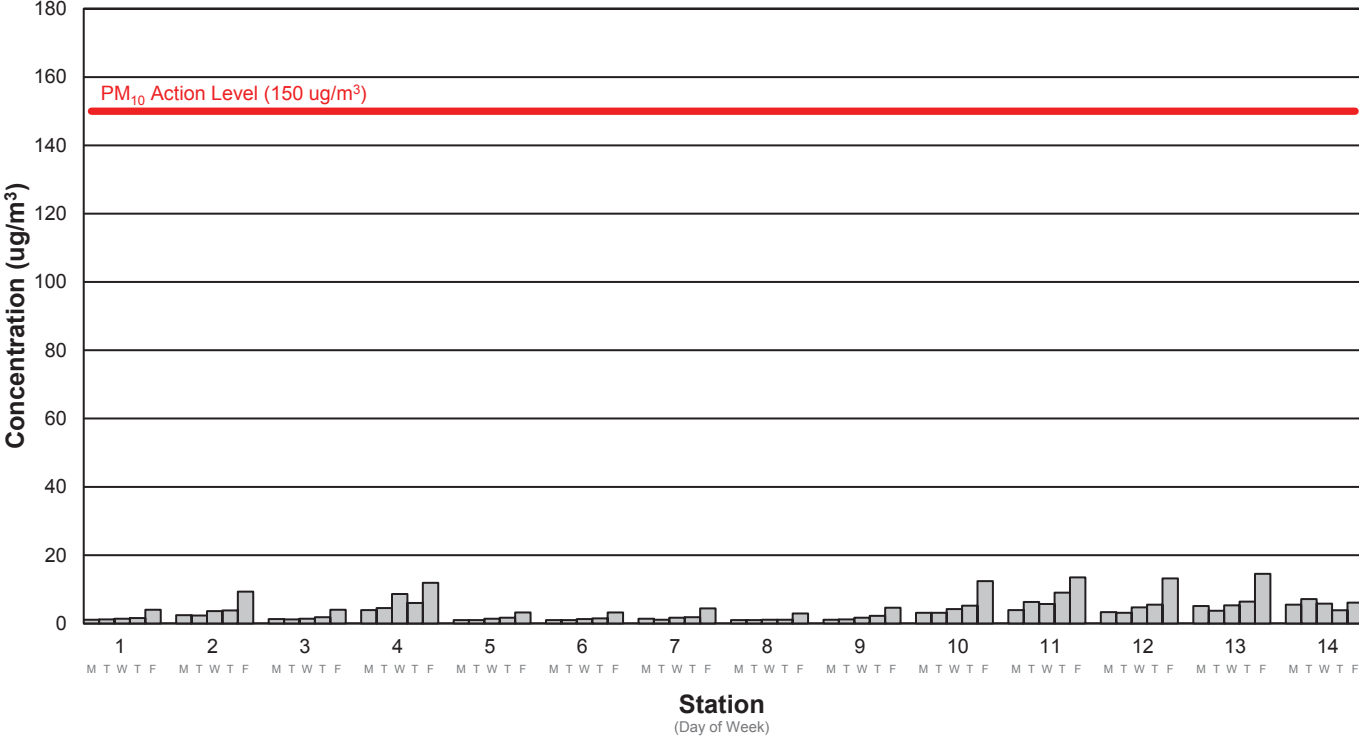
cleanup of the Gowanus Canal

Environmental Monitoring Update Week of February 19, 2024

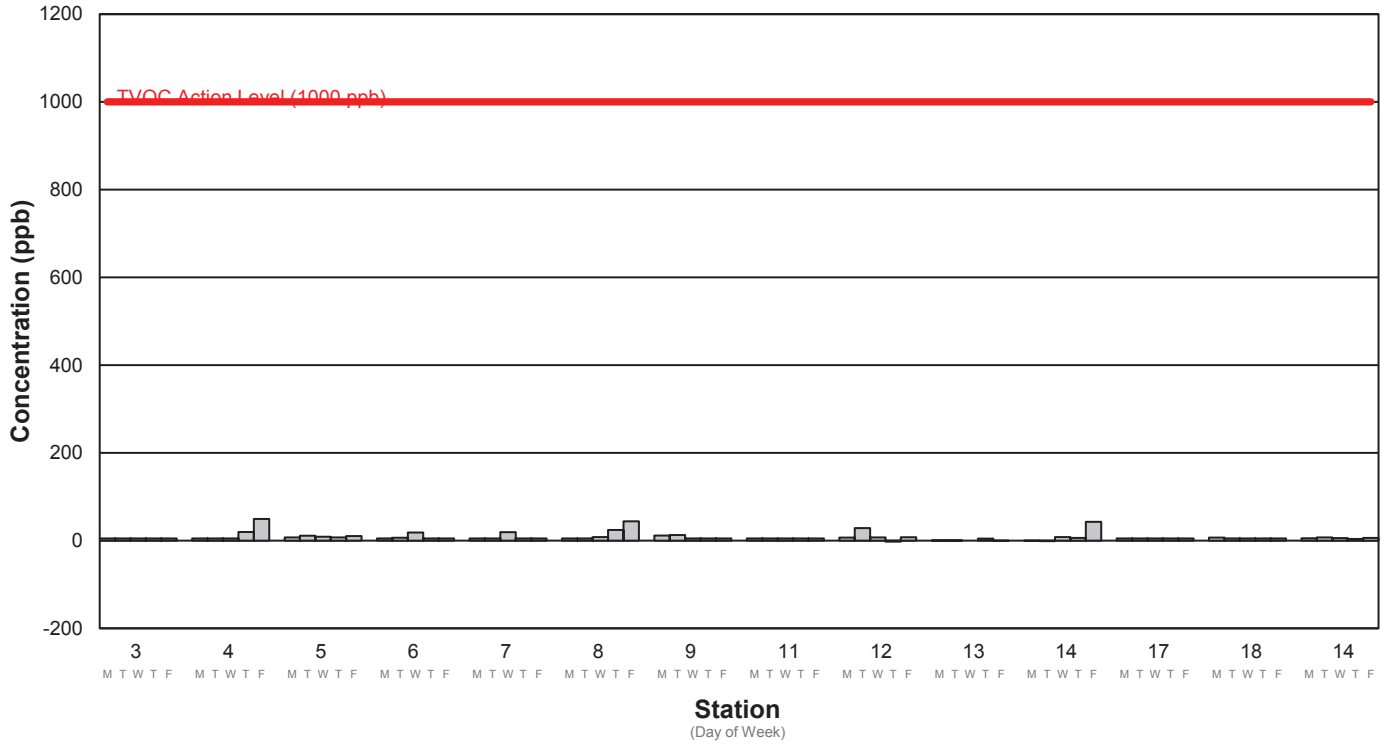
Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period February 19, 2024 through February 23, 2024. 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 171: 2/19/2024 - 2/23/2024**



Average TVOC Concentration
Week 171: 2/19/2024 - 2/23/2024



Average TVOC/PM10 Concentration Week 171: 2/19/2024 - 2/23/2024							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
2/19/2024	3	<5	1.1	2/19/2024	11	<5	<1
2/20/2024	3	<5	1.2	2/20/2024	11	<5	<1
2/21/2024	3	<5	1.4	2/21/2024	11	<5	1.1
2/22/2024	3	<5	1.6	2/22/2024	11	<5	1.1
2/23/2024	3	<5	4	2/23/2024	11	<5	2.9
2/19/2024	4	<5	2.4	2/19/2024	12	6.7	1.1
2/20/2024	4	<5	2.3	2/20/2024	12	28.4	1.2
2/21/2024	4	<5	3.6	2/21/2024	12	7.3	1.7
2/22/2024	4	19.6	3.8	2/22/2024	12	-2.4	2.2
2/23/2024	4	49.4	9.3	2/23/2024	12	7.7	4.6
2/19/2024	5	7.2	1.3	2/19/2024	13	0.3	3.1
2/20/2024	5	11.1	1.2	2/20/2024	13	0.1	3.1
2/21/2024	5	8.8	1.4	2/21/2024	13	0	4.2
2/22/2024	5	7.3	1.8	2/22/2024	13	4.6	5.2
2/23/2024	5	10.4	4	2/23/2024	13	-0.6	12.4
2/19/2024	6	<5	3.9	2/19/2024	14	-0.4	3.9
2/20/2024	6	6.4	4.5	2/20/2024	14	-1.2	6.3
2/21/2024	6	18.3	8.6	2/21/2024	14	8.1	5.7
2/22/2024	6	<5	6	2/22/2024	14	6.1	9
2/23/2024	6	<5	11.9	2/23/2024	14	42.9	13.5
2/19/2024	7	<5	<1	2/19/2024	17	<5	3.3
2/20/2024	7	<5	<1	2/20/2024	17	<5	3.1
2/21/2024	7	19.1	1.4	2/21/2024	17	<5	4.7
2/22/2024	7	<5	1.7	2/22/2024	17	<5	5.5
2/23/2024	7	<5	3.2	2/23/2024	17	<5	13.2
2/19/2024	8	<5	<1	2/19/2024	18	6.8	5.1
2/20/2024	8	<5	<1	2/20/2024	18	5	3.7
2/21/2024	8	8.1	1.3	2/21/2024	18	<5	5.3
2/22/2024	8	24.1	1.5	2/22/2024	18	<5	6.4
2/23/2024	8	43.9	3.2	2/23/2024	18	<5	14.5
2/19/2024	9	11.6	1.4	1/4/2021	14	< 5	5.5
2/20/2024	9	12.5	1.1	1/5/2021	14	< 5	7.1
2/21/2024	9	<5	1.7	1/6/2021	14	< 5	5.8
2/22/2024	9	<5	1.8	1/7/2021	14	< 5	3.8
2/23/2024	9	<5	4.4	1/8/2021	14	< 5	6.1

Summary of Daily Average Meteorological Data Parameters (Week 171)

Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
02/19/2024	WNW	6.70	35.85	44.85	1017.76
02/20/2024	SE	5.19	31.75	46.00	1028.09
02/21/2024	E	4.66	35.09	65.05	1026.75
02/22/2024	S	6.36	38.01	79.80	1012.30
02/23/2024	WSW	3.36	43.56	91.82	996.52

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.