

cleanup of the Gowanus Canal

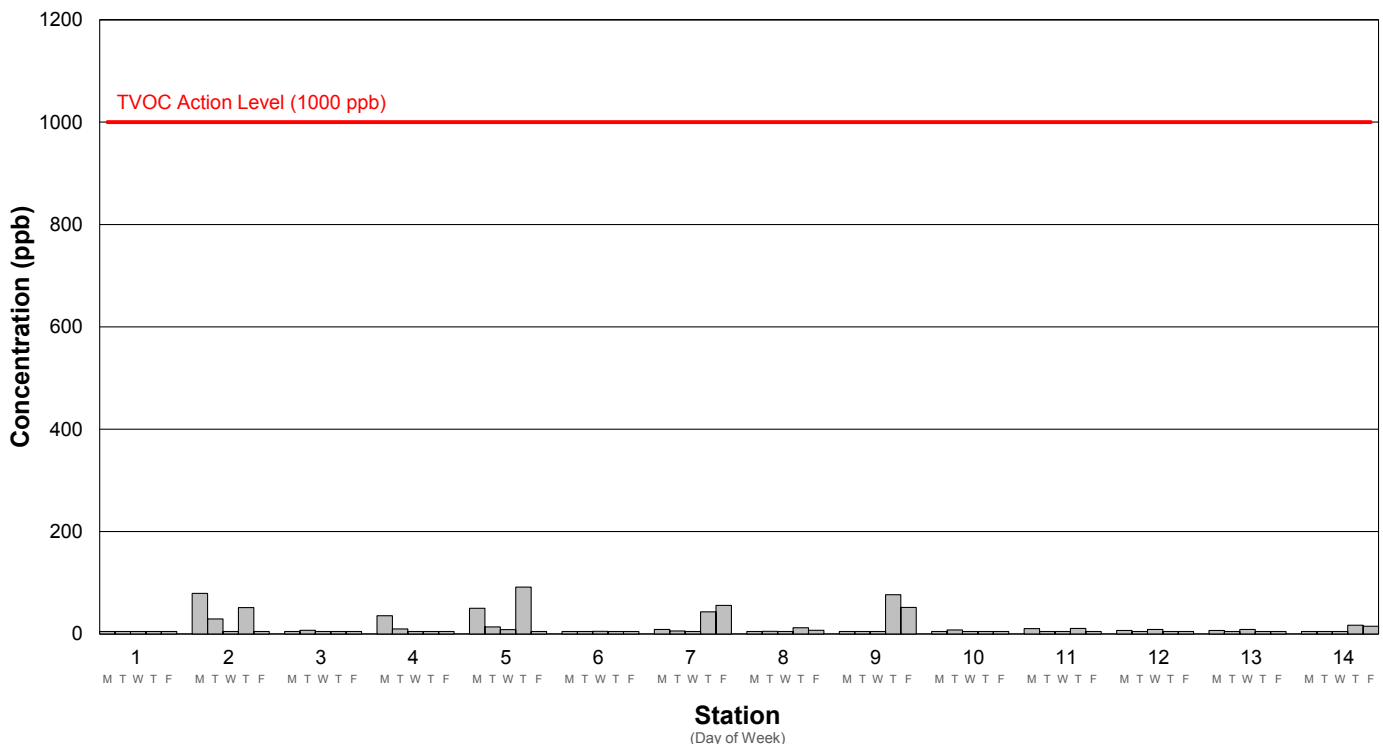
Environmental Monitoring Update: Week of January 16, 2023

Air Monitoring

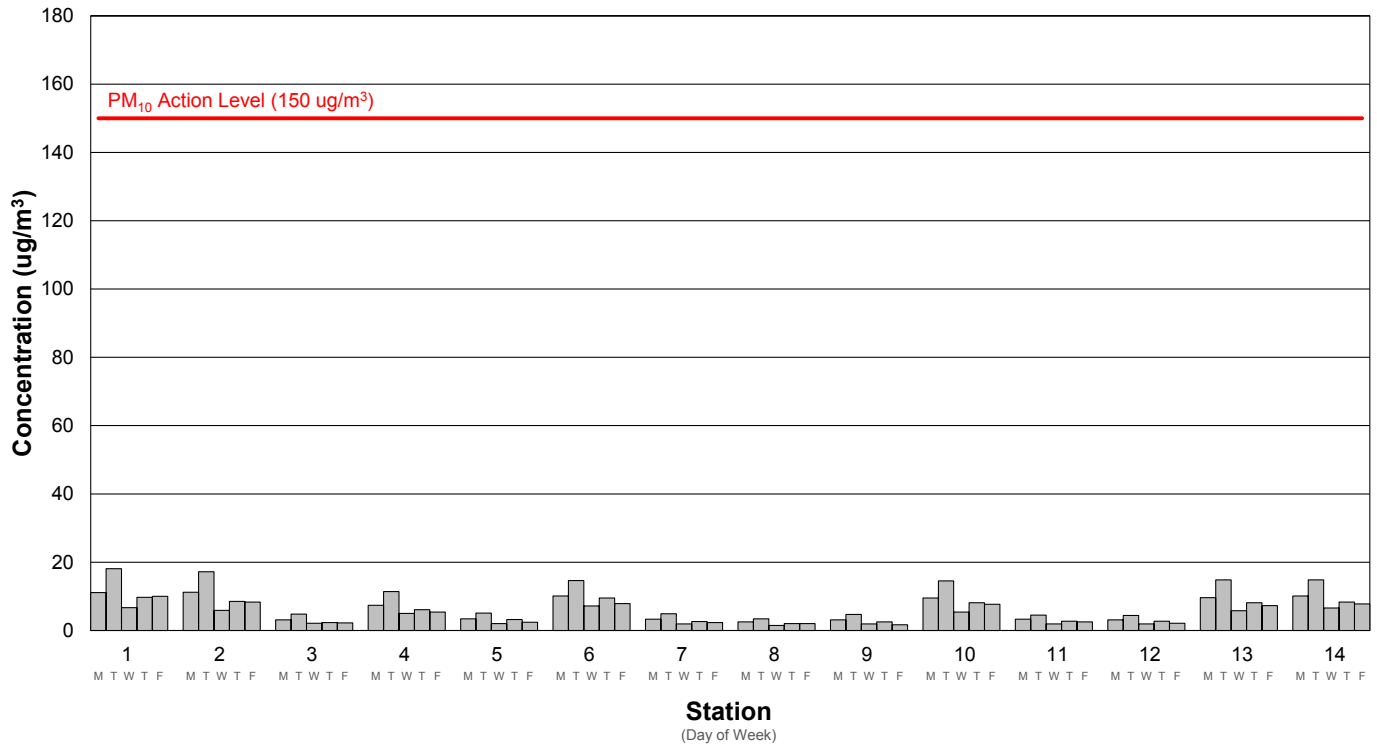
Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period January 16, 2023 through January 20, 2023. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below.

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 TVOC Concentration
Week 114: 1/16/2023 - 1/20/2023**



Average PM10 Concentration
Week 114: 1/16/2023 - 1/20/2023



Average TVOC/PM10 Concentration Week 114: 1/16/2023 - 1/20/2023							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
1/16/2023	1	<5	11.1	1/16/2023	8	<5	2.5
1/17/2023	1	<5	18.1	1/17/2023	8	5.2	3.4
1/18/2023	1	<5	6.7	1/18/2023	8	<5	1.5
1/19/2023	1	<5	9.7	1/19/2023	8	12.3	2
1/20/2023	1	<5	10	1/20/2023	8	7.2	2
1/16/2023	2	79.4	11.2	1/16/2023	9	<5	3.1
1/17/2023	2	29.5	17.2	1/17/2023	9	<5	4.7
1/18/2023	2	<5	5.9	1/18/2023	9	<5	1.9
1/19/2023	2	51.6	8.5	1/19/2023	9	76.8	2.5
1/20/2023	2	<5	8.3	1/20/2023	9	51.7	1.7
1/16/2023	3	<5	3.1	1/16/2023	10	<5	9.5
1/17/2023	3	7.1	4.8	1/17/2023	10	7.8	14.5
1/18/2023	3	<5	2.1	1/18/2023	10	<5	5.4
1/19/2023	3	<5	2.3	1/19/2023	10	<5	8.1
1/20/2023	3	<5	2.2	1/20/2023	10	<5	7.7
1/16/2023	4	35.7	7.4	1/16/2023	11	10.4	3.3
1/17/2023	4	9.8	11.4	1/17/2023	11	<5	4.5
1/18/2023	4	<5	5	1/18/2023	11	<5	1.9
1/19/2023	4	<5	6.1	1/19/2023	11	10.9	2.7
1/20/2023	4	<5	5.4	1/20/2023	11	<5	2.5
1/16/2023	5	50.1	3.4	1/16/2023	12	6.7	3.1
1/17/2023	5	13.9	5.1	1/17/2023	12	<5	4.4
1/18/2023	5	8.5	2	1/18/2023	12	8.7	1.9
1/19/2023	5	91.5	3.2	1/19/2023	12	<5	2.7
1/20/2023	5	<5	2.4	1/20/2023	12	<5	2.1
1/16/2023	6	<5	10.1	1/16/2023	13	6.7	9.6
1/17/2023	6	<5	14.6	1/17/2023	13	<5	14.8
1/18/2023	6	5.1	7.2	1/18/2023	13	8.7	5.8
1/19/2023	6	<5	9.5	1/19/2023	13	<5	8.1
1/20/2023	6	<5	7.9	1/20/2023	13	<5	7.3
1/16/2023	7	8.7	3.3	1/16/2023	14	<5	10.1
1/17/2023	7	5.7	4.9	1/17/2023	14	<5	14.8
1/18/2023	7	<5	1.9	1/18/2023	14	<5	6.6
1/19/2023	7	43.3	2.6	1/19/2023	14	17.1	8.3
1/20/2023	7	55.7	2.3	1/20/2023	14	15.2	7.8

Summary of Daily Average Meteorological Data Parameters (Week 114)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
01/16/2023	NW	6.76	36.70	40.27	1008.96
01/17/2023	WSW	2.56	40.50	45.74	1003.18
01/18/2023	WNW	3.91	46.89	67.77	1005.78
01/19/2023	S	5.37	41.68	87.44	1008.56
01/20/2023	W	4.70	43.76	77.92	1002.01

Noise Monitoring

Noise monitoring data was collected at the Staging Site and adjacent to dredging activities along the 365 Bond Street promenade. All noise monitoring data collected to date at these locations was below the 85 dBA allowable equivalent noise level.