

cleanup of the Gowanus Canal

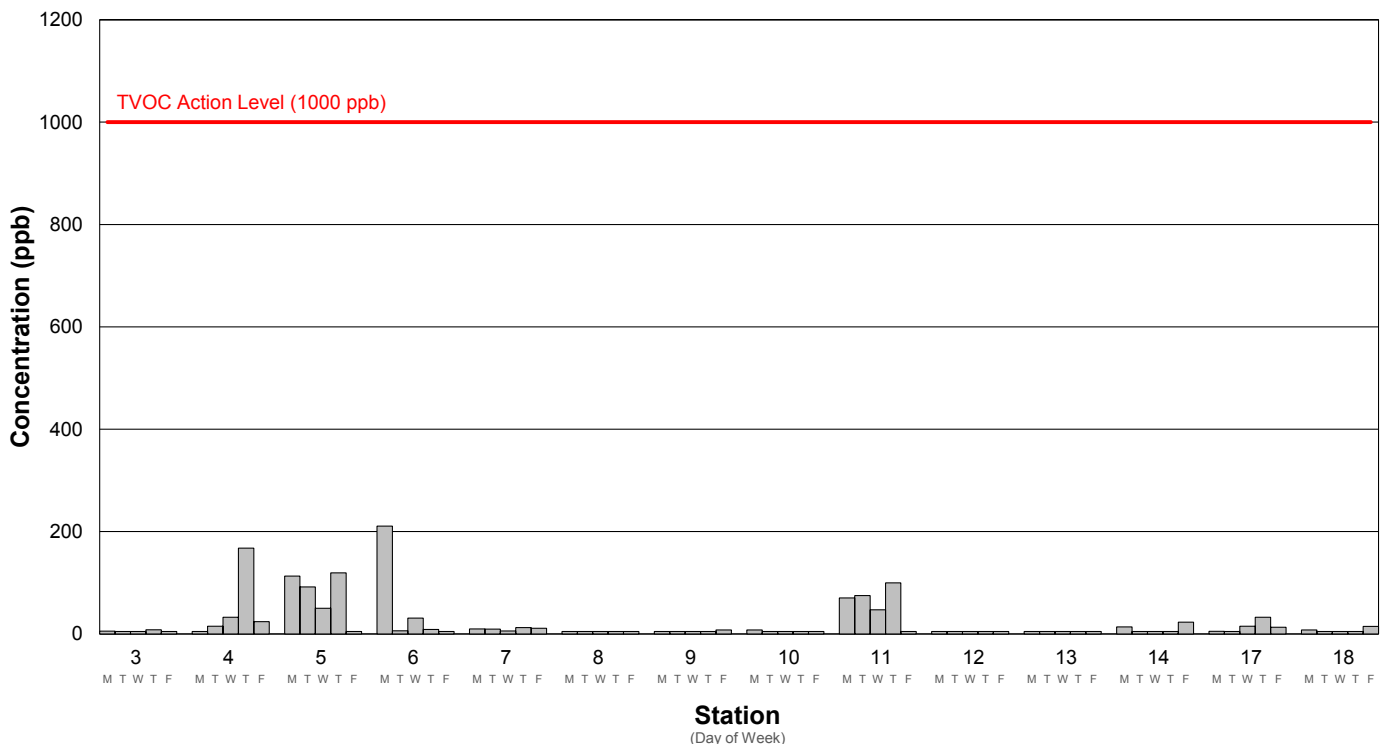
Environmental Monitoring Update: Week of February 20, 2023

Air Monitoring

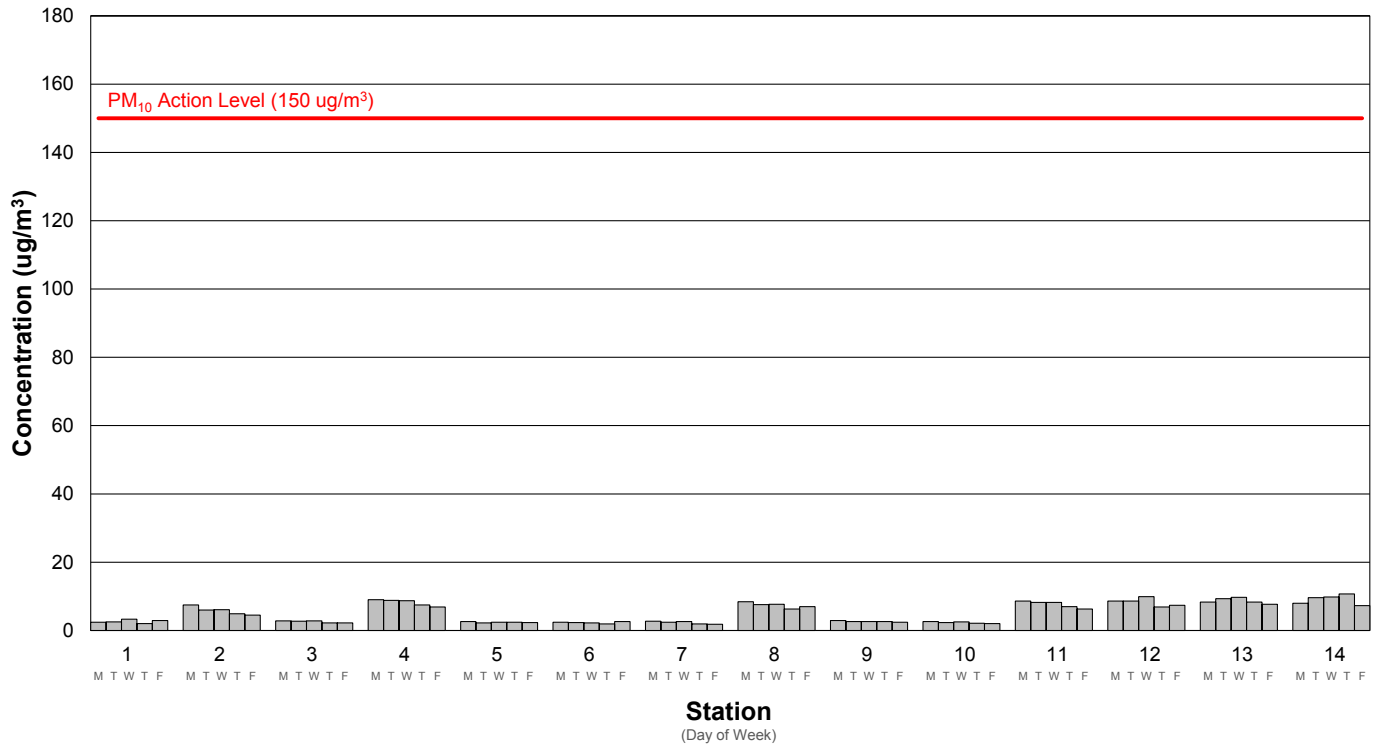
Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period February 20, 2023 through February 24, 2023. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below.

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 119: 2/20/2023 - 2/24/2023**



Average PM10 Concentration
Week 119: 2/20/2023 - 2/24/2023



Average TVOC/PM10 Concentration Week 119: 2/20/2023 - 2/24/2023							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
2/20/2023	3	5.5	2.4	2/20/2023	10	7.7	8.4
2/21/2023	3	<5	2.5	2/21/2023	10	<5	7.6
2/22/2023	3	<5	3.3	2/22/2023	10	<5	7.7
2/23/2023	3	8.3	2	2/23/2023	10	<5	6.3
2/24/2023	3	<5	2.9	2/24/2023	10	<5	7
2/20/2023	4	<5	7.5	2/20/2023	11	70.3	2.9
2/21/2023	4	15.1	6	2/21/2023	11	74.9	2.6
2/22/2023	4	32.7	6.1	2/22/2023	11	47.2	2.6
2/23/2023	4	167.8	4.9	2/23/2023	11	99.7	2.6
2/24/2023	4	24	4.5	2/24/2023	11	<5	2.4
2/20/2023	5	113.1	2.8	2/20/2023	12	<5	2.6
2/21/2023	5	92	2.7	2/21/2023	12	<5	2.3
2/22/2023	5	50.1	2.8	2/22/2023	12	<5	2.5
2/23/2023	5	119.3	2.2	2/23/2023	12	<5	2.1
2/24/2023	5	<5	2.2	2/24/2023	12	<5	2
2/20/2023	6	210.8	9	2/20/2023	13	<5	8.6
2/21/2023	6	6.2	8.8	2/21/2023	13	<5	8.2
2/22/2023	6	31	8.7	2/22/2023	13	<5	8.2
2/23/2023	6	8.7	7.5	2/23/2023	13	<5	7
2/24/2023	6	<5	6.9	2/24/2023	13	<5	6.3
2/20/2023	7	9.7	2.6	2/20/2023	14	13.7	8.6
2/21/2023	7	9.4	2.2	2/21/2023	14	<5	8.6
2/22/2023	7	5.9	2.4	2/22/2023	14	<5	9.9
2/23/2023	7	12.5	2.4	2/23/2023	14	<5	6.9
2/24/2023	7	11.3	2.3	2/24/2023	14	23.2	7.4
2/20/2023	8	<5	2.4	2/20/2023	17	5.3	8.3
2/21/2023	8	<5	2.3	2/21/2023	17	<5	9.3
2/22/2023	8	<5	2.2	2/22/2023	17	15.1	9.7
2/23/2023	8	<5	1.9	2/23/2023	17	32.7	8.3
2/24/2023	8	<5	2.6	2/24/2023	17	13.3	7.7
2/20/2023	9	<5	2.7	2/20/2023	18	7.9	8
2/21/2023	9	<5	2.4	2/21/2023	18	<5	9.6
2/22/2023	9	<5	2.6	2/22/2023	18	<5	9.8
2/23/2023	9	<5	1.9	2/23/2023	18	<5	10.7
2/24/2023	9	7.8	1.8	2/24/2023	18	14.8	7.3

Summary of Daily Average Meteorological Data Parameters (Week 119)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
02/20/2023	SW	4.24	49.90	73.73	1003.67
02/21/2023	SE	5.07	42.14	80.86	1001.30
02/22/2023	SSW	4.51	39.68	67.54	1014.74
02/23/2023	ENE	5.93	39.81	95.53	1009.84
02/24/2023	NW	8.64	39.43	61.68	1019.54

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.