

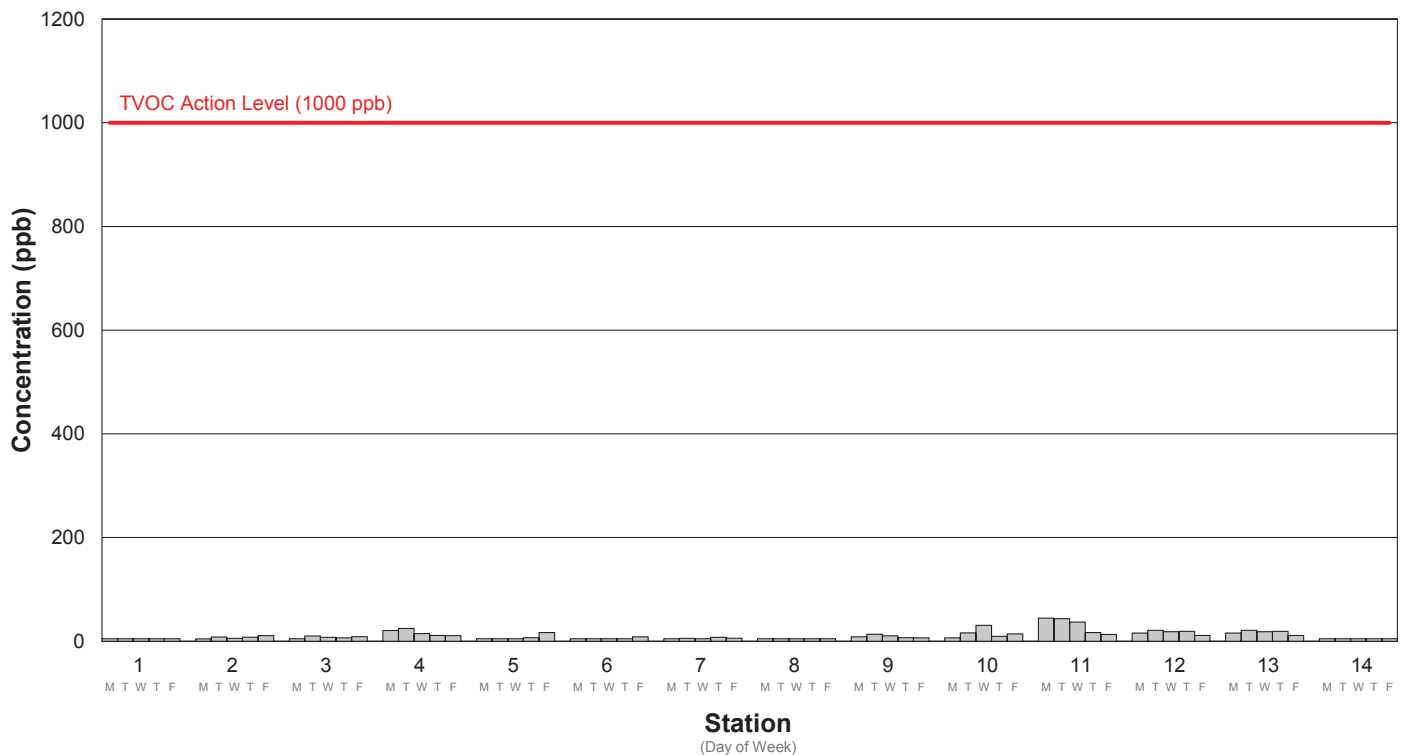
cleanup of the Gowanus Canal

Environmental Monitoring Update: Week of July 19, 2021

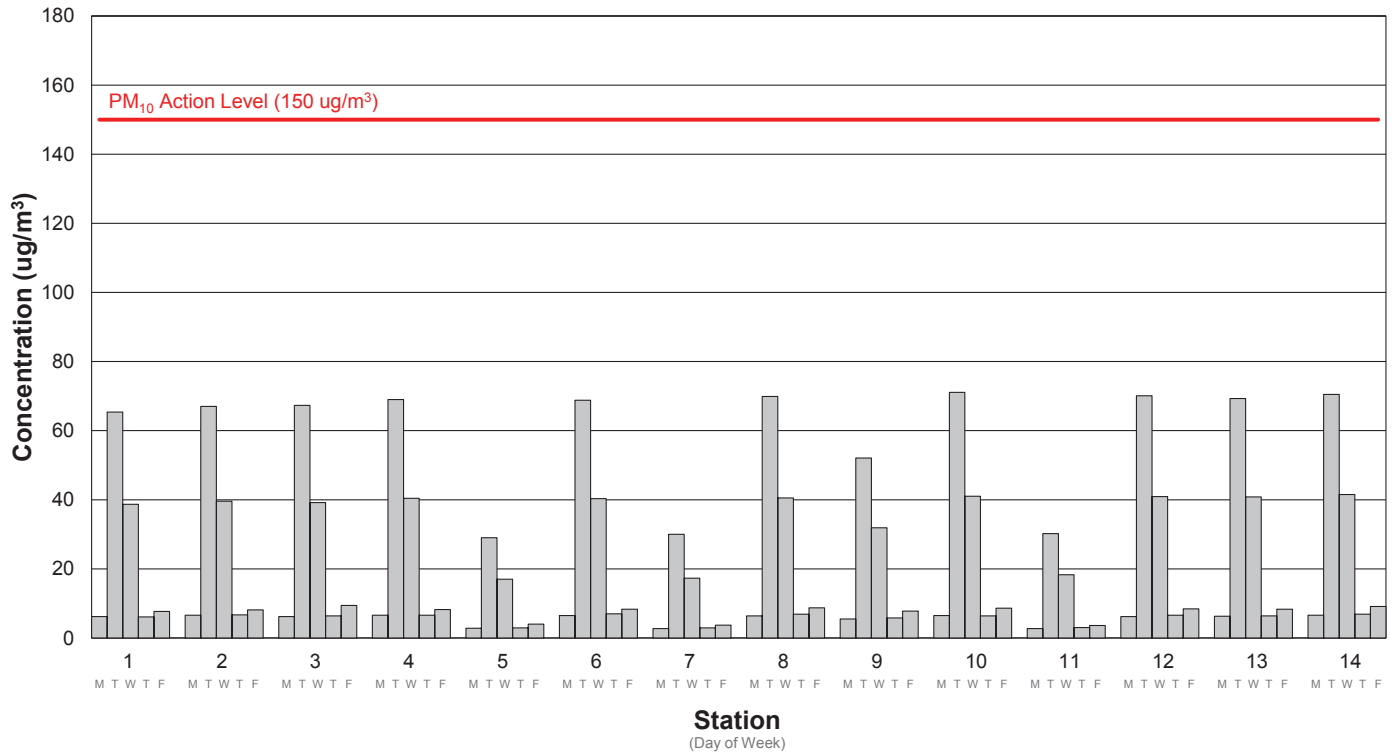
Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period July 19, 2021 through July 23, 2021. 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 36: 7/19/2021 - 7/23/2021



Average PM10 Concentration
Week 36: 7/19/2021 - 7/23/2021



Average TVOC/PM10 Concentration Week 36: 7/19/2021 - 7/23/2021							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
7/19/2021	1	< 5	6.2	7/19/2021	8	< 5	6.4
7/20/2021	1	< 5	65.4	7/20/2021	8	< 5	69.9
7/21/2021	1	< 5	38.7	7/21/2021	8	5	40.5
7/22/2021	1	< 5	6.1	7/22/2021	8	< 5	6.9
7/23/2021	1	< 5	7.7	7/23/2021	8	< 5	8.7
7/19/2021	2	4.5	6.6	7/19/2021	9	8.6	5.5
7/20/2021	2	8.1	67	7/20/2021	9	13.4	52.1
7/21/2021	2	5.4	39.6	7/21/2021	9	10.6	31.9
7/22/2021	2	8	6.7	7/22/2021	9	6.8	5.8
7/23/2021	2	10.7	8.1	7/23/2021	9	6.5	7.8
7/19/2021	3	< 5	6.2	7/19/2021	10	6.5	6.5
7/20/2021	3	10.3	67.3	7/20/2021	10	16.2	71.1
7/21/2021	3	7.5	39.2	7/21/2021	10	30.8	41
7/22/2021	3	6.4	6.4	7/22/2021	10	9.5	6.4
7/23/2021	3	8.9	9.4	7/23/2021	10	14	8.6
7/19/2021	4	20.8	6.6	7/19/2021	11	44.5	2.7
7/20/2021	4	24.6	69	7/20/2021	11	43.7	30.2
7/21/2021	4	14.8	40.4	7/21/2021	11	36.9	18.3
7/22/2021	4	11	6.6	7/22/2021	11	16.8	3
7/23/2021	4	10.8	8.2	7/23/2021	11	13.1	3.6
7/19/2021	5	< 5	2.8	7/19/2021	12	15.9	6.2
7/20/2021	5	< 5	29	7/20/2021	12	21.2	70.1
7/21/2021	5	< 5	17	7/21/2021	12	18.5	40.9
7/22/2021	5	6.7	2.9	7/22/2021	12	19	6.6
7/23/2021	5	16.8	4	7/23/2021	12	11.3	8.4
7/19/2021	6	< 5	6.5	7/19/2021	13	15.9	6.3
7/20/2021	6	< 5	68.8	7/20/2021	13	21.2	69.3
7/21/2021	6	< 5	40.3	7/21/2021	13	18.5	40.8
7/22/2021	6	< 5	7	7/22/2021	13	19	6.4
7/23/2021	6	8.5	8.3	7/23/2021	13	11.3	8.3
7/19/2021	7	< 5	2.7	7/19/2021	14	< 5	6.6
7/20/2021	7	5.6	30	7/20/2021	14	< 5	70.5
7/21/2021	7	< 5	17.3	7/21/2021	14	< 5	41.5
7/22/2021	7	7.4	2.9	7/22/2021	14	< 5	6.9
7/23/2021	7	5.7	3.7	7/23/2021	14	< 5	9.1

Summary of Daily Average Meteorological Data Parameters (Week 36)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
07/19/2021	W	3.96	75.63	71.34	1011.83
07/20/2021	W	3.10	80.13	67.98	1009.05
07/21/2021	SW	4.21	76.45	69.00	1009.33
07/22/2021	NW	4.85	74.67	56.79	1015.17
07/23/2021	WSW	3.86	74.90	51.73	1016.07

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.