

cleanup of the Gowanus Canal

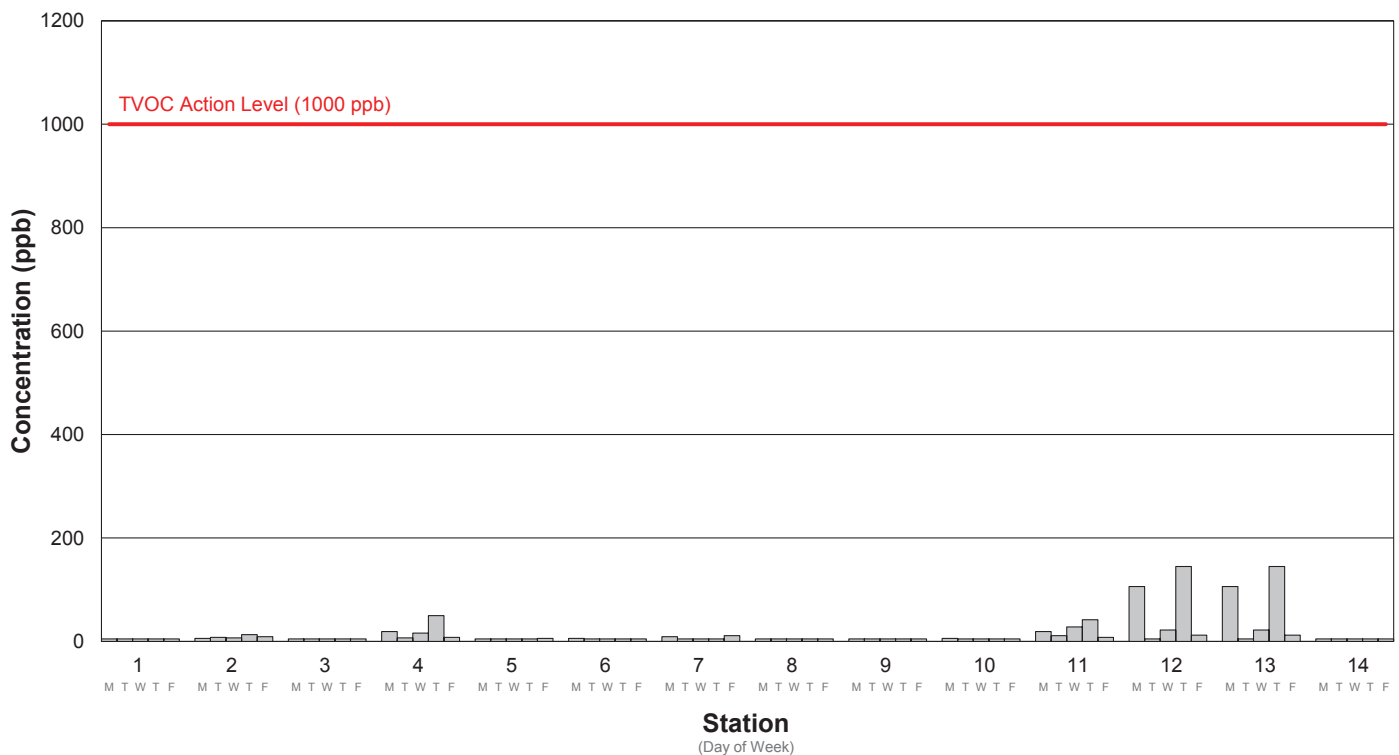
Environmental Monitoring Update: Week of September 6, 2021

Air Monitoring

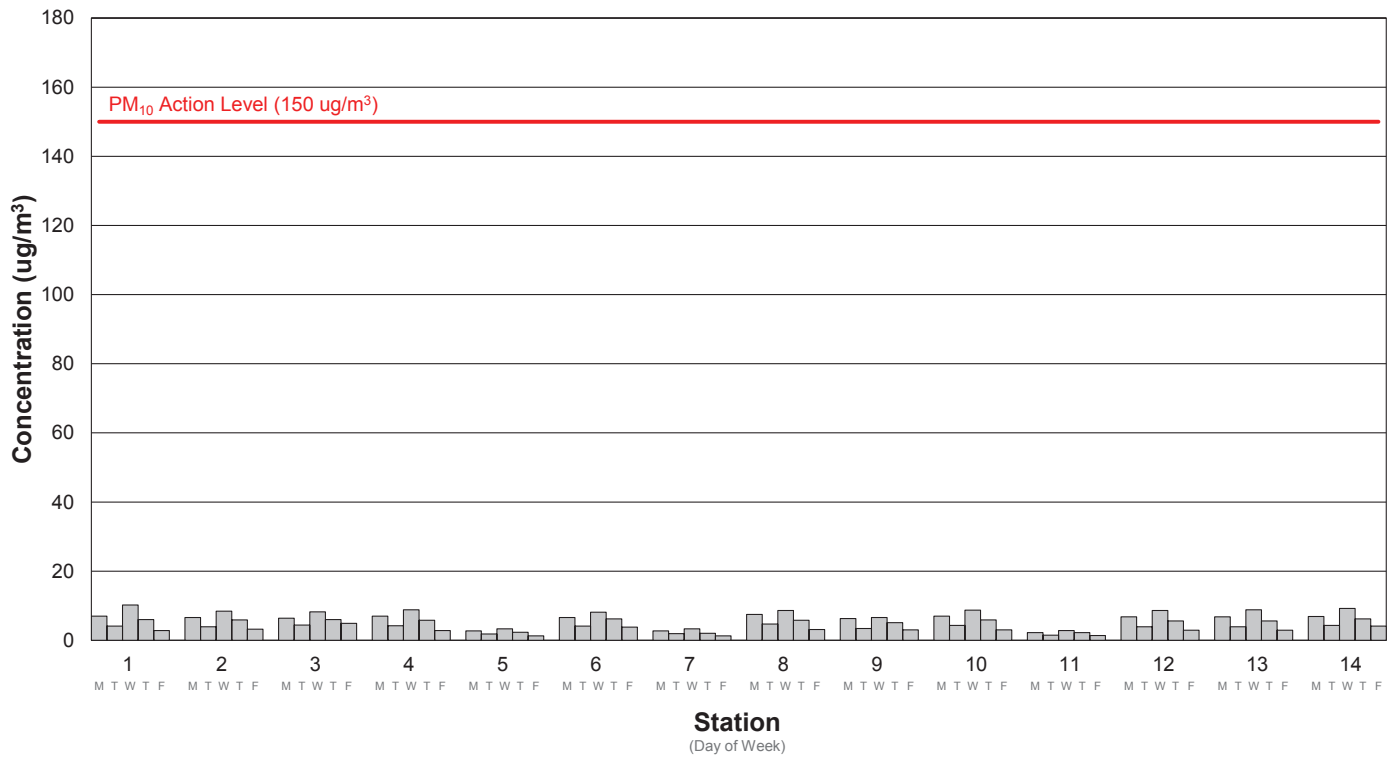
Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period September 6, 2021 through September 10, 2021. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below.

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 43: 9/6/2021 - 9/10/2021



Average PM10 Concentration
Week 43: 9/6/2021 - 9/10/2021



Average TVOC/PM10 Concentration Week 43: 9/6/2021 - 9/10/2021							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
9/6/2021	1	< 5	7	9/6/2021	8	< 5	7.5
9/7/2021	1	< 5	4.1	9/7/2021	8	< 5	4.7
9/8/2021	1	< 5	10.2	9/8/2021	8	< 5	8.6
9/9/2021	1	< 5	6	9/9/2021	8	< 5	5.8
9/10/2021	1	< 5	2.8	9/10/2021	8	< 5	3.1
9/6/2021	2	6	6.6	9/6/2021	9	< 5	6.3
9/7/2021	2	8	3.9	9/7/2021	9	< 5	3.4
9/8/2021	2	7	8.4	9/8/2021	9	< 5	6.6
9/9/2021	2	13	5.9	9/9/2021	9	5	5.1
9/10/2021	2	9	3.2	9/10/2021	9	< 5	3
9/6/2021	3	< 5	6.4	9/6/2021	10	6	7
9/7/2021	3	< 5	4.4	9/7/2021	10	< 5	4.3
9/8/2021	3	< 5	8.2	9/8/2021	10	< 5	8.7
9/9/2021	3	< 5	6	9/9/2021	10	< 5	5.9
9/10/2021	3	< 5	4.9	9/10/2021	10	5	3
9/6/2021	4	19	7	9/6/2021	11	19	2.2
9/7/2021	4	7	4.2	9/7/2021	11	11	1.5
9/8/2021	4	16	8.8	9/8/2021	11	28	2.8
9/9/2021	4	50	5.8	9/9/2021	11	42	2.2
9/10/2021	4	8	2.8	9/10/2021	11	8	1.4
9/6/2021	5	< 5	2.7	9/6/2021	12	106	6.8
9/7/2021	5	< 5	1.8	9/7/2021	12	5	3.9
9/8/2021	5	< 5	3.3	9/8/2021	12	22	8.6
9/9/2021	5	< 5	2.3	9/9/2021	12	145	5.6
9/10/2021	5	6	1.3	9/10/2021	12	12	2.9
9/6/2021	6	6	6.6	9/6/2021	13	106	6.8
9/7/2021	6	< 5	4.1	9/7/2021	13	5	3.9
9/8/2021	6	< 5	8.1	9/8/2021	13	22	8.8
9/9/2021	6	< 5	6.2	9/9/2021	13	145	5.6
9/10/2021	6	< 5	3.8	9/10/2021	13	12	2.9
9/6/2021	7	9	2.7	9/6/2021	14	< 5	6.9
9/7/2021	7	< 5	1.9	9/7/2021	14	< 5	4.3
9/8/2021	7	< 5	3.3	9/8/2021	14	< 5	9.2
9/9/2021	7	< 5	2	9/9/2021	14	< 5	6.2
9/10/2021	7	11	1.3	9/10/2021	14	< 5	4.1

Summary of Daily Average Meteorological Data Parameters (Week 43)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
09/06/2021	W	4.07	75.38	66.17	1006.50
09/07/2021	WSW	3.67	72.83	61.83	1010.58
09/08/2021	S	5.90	75.41	76.89	1007.55
09/09/2021	WSW	2.65	70.71	87.65	1005.47
09/10/2021	NW	6.34	68.89	60.18	1009.64

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.