

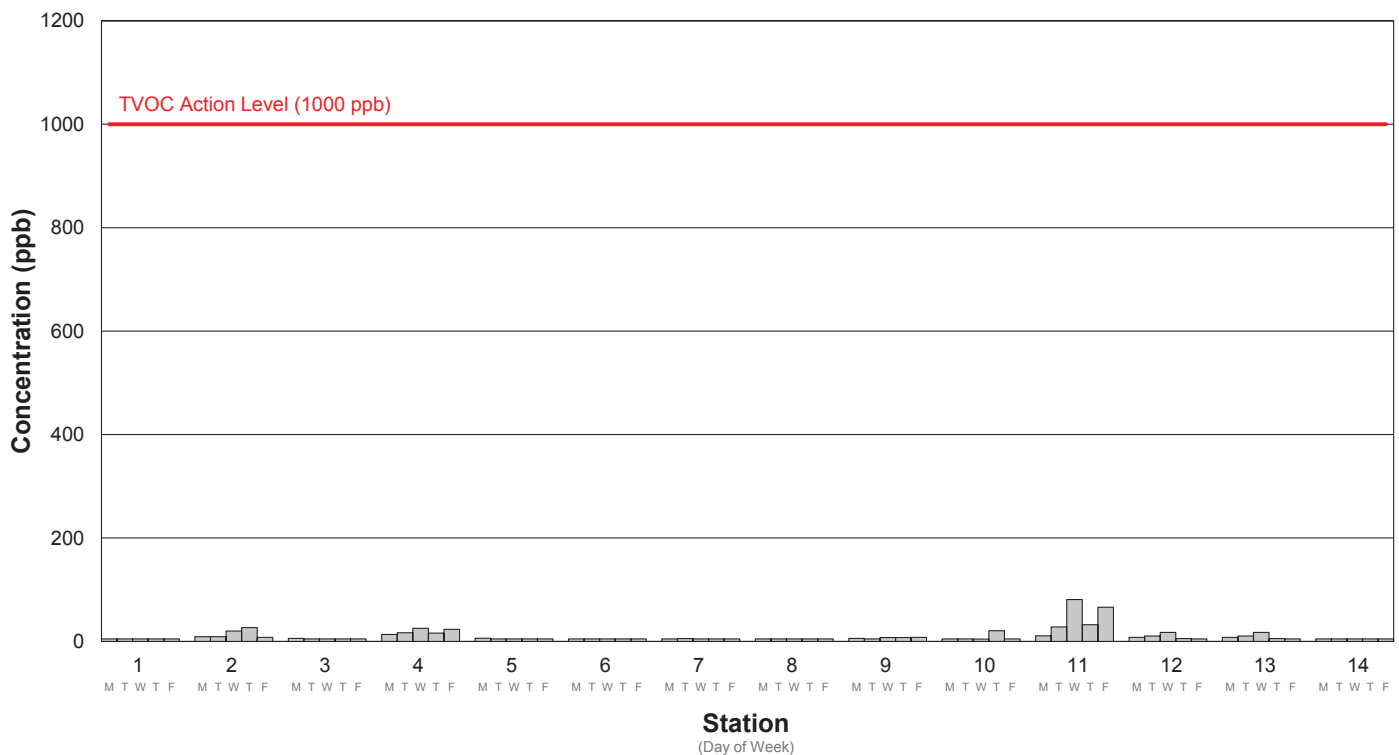
# cleanup of the Gowanus Canal

## Environmental Monitoring Update: Week of August 16, 2021

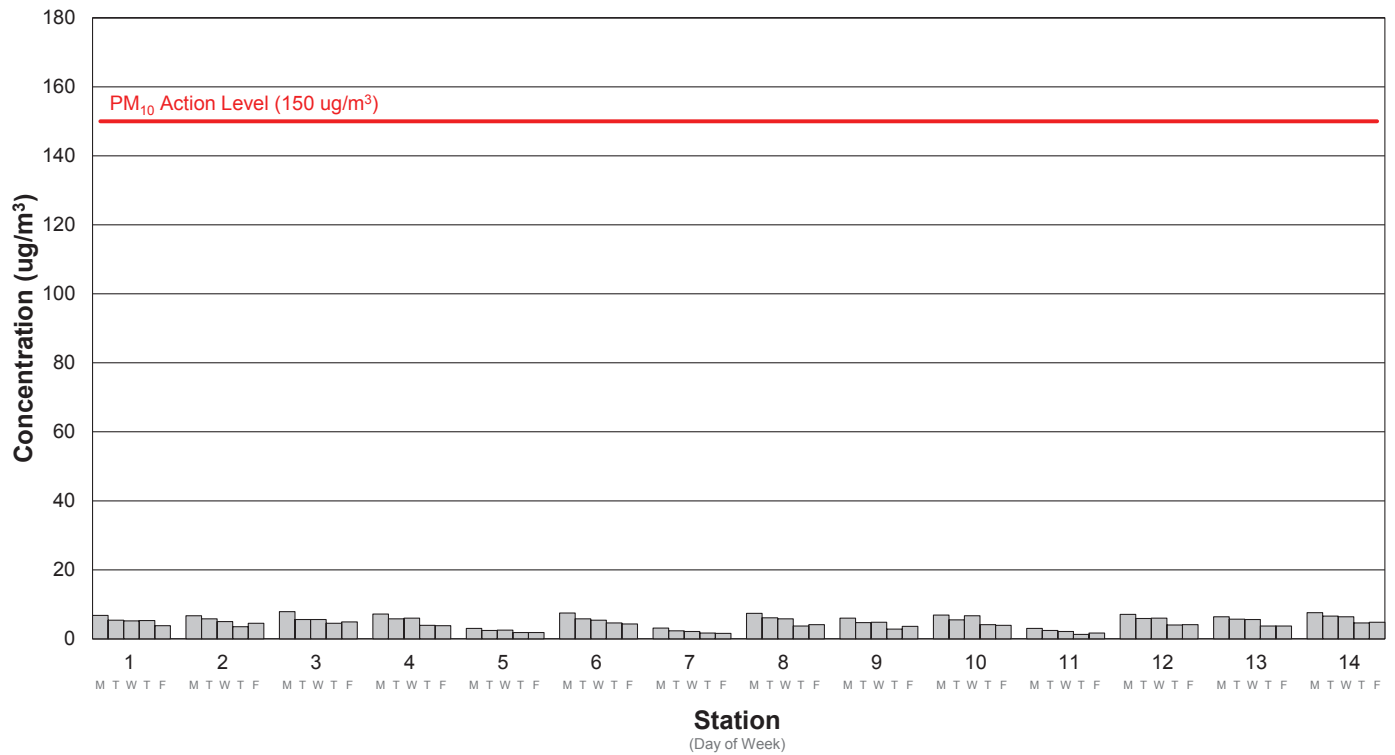
### Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period August 16, 2021 through August 20, 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 40: 8/16/2021 - 8/20/2021**



Average PM10 Concentration  
Week 40: 8/16/2021 - 8/20/2021



Average TVOC/PM10 Concentration Week 40: 8/16/2021 - 8/20/2021							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
8/16/2021	1	< 5	6.8	8/16/2021	8	< 5	7.4
8/17/2021	1	< 5	5.4	8/17/2021	8	< 5	6.1
8/18/2021	1	< 5	5.2	8/18/2021	8	< 5	5.8
8/19/2021	1	< 5	5.3	8/19/2021	8	< 5	3.7
8/20/2021	1	< 5	3.8	8/20/2021	8	< 5	4.1
8/16/2021	2	9.1	6.7	8/16/2021	9	5.9	6
8/17/2021	2	9.1	5.8	8/17/2021	9	< 5	4.7
8/18/2021	2	20.1	5	8/18/2021	9	7.6	4.8
8/19/2021	2	26.6	3.5	8/19/2021	9	7.4	2.8
8/20/2021	2	7.9	4.5	8/20/2021	9	7.9	3.6
8/16/2021	3	5.9	7.9	8/16/2021	10	< 5	6.9
8/17/2021	3	< 5	5.6	8/17/2021	10	< 5	5.5
8/18/2021	3	< 5	5.6	8/18/2021	10	4.6	6.7
8/19/2021	3	< 5	4.5	8/19/2021	10	20.8	4.1
8/20/2021	3	< 5	4.9	8/20/2021	10	< 5	3.9
8/16/2021	4	13.5	7.2	8/16/2021	11	10.8	3
8/17/2021	4	16.9	5.8	8/17/2021	11	28.1	2.4
8/18/2021	4	25.3	6	8/18/2021	11	81.1	2.1
8/19/2021	4	16.2	3.9	8/19/2021	11	32.4	1.3
8/20/2021	4	23.5	3.8	8/20/2021	11	66	1.7
8/16/2021	5	6.3	3	8/16/2021	12	8	7.1
8/17/2021	5	< 5	2.4	8/17/2021	12	10.4	5.9
8/18/2021	5	< 5	2.5	8/18/2021	12	17.4	6
8/19/2021	5	< 5	1.8	8/19/2021	12	5.6	4
8/20/2021	5	< 5	1.8	8/20/2021	12	< 5	4.1
8/16/2021	6	< 5	7.5	8/16/2021	13	8	6.4
8/17/2021	6	< 5	5.8	8/17/2021	13	10.4	5.7
8/18/2021	6	< 5	5.4	8/18/2021	13	17.4	5.6
8/19/2021	6	< 5	4.6	8/19/2021	13	5.6	3.7
8/20/2021	6	< 5	4.3	8/20/2021	13	< 5	3.7
8/16/2021	7	< 5	3.1	8/16/2021	14	< 5	7.6
8/17/2021	7	5.5	2.3	8/17/2021	14	< 5	6.6
8/18/2021	7	< 5	2.1	8/18/2021	14	< 5	6.4
8/19/2021	7	< 5	1.7	8/19/2021	14	< 5	4.6
8/20/2021	7	< 5	1.6	8/20/2021	14	< 5	4.8

<b>Summary of Daily Average Meteorological Data Parameters (Week 40)</b>					
<b>Date</b>	<b>Wind Direction (°)</b>	<b>Wind Speed (mph)</b>	<b>Temperature (°F)</b>	<b>Humidity (%)</b>	<b>Barometric Pressure (inHg)</b>
08/16/2021	SE	4.81	74.93	65.76	1019.00
08/17/2021	SSE	6.38	75.42	74.82	1019.00
08/18/2021	SE	7.05	76.62	90.31	1017.96
08/19/2021	SW	5.66	80.42	78.33	1009.61
08/20/2021	W	3.46	78.08	74.73	1009.00

*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.