

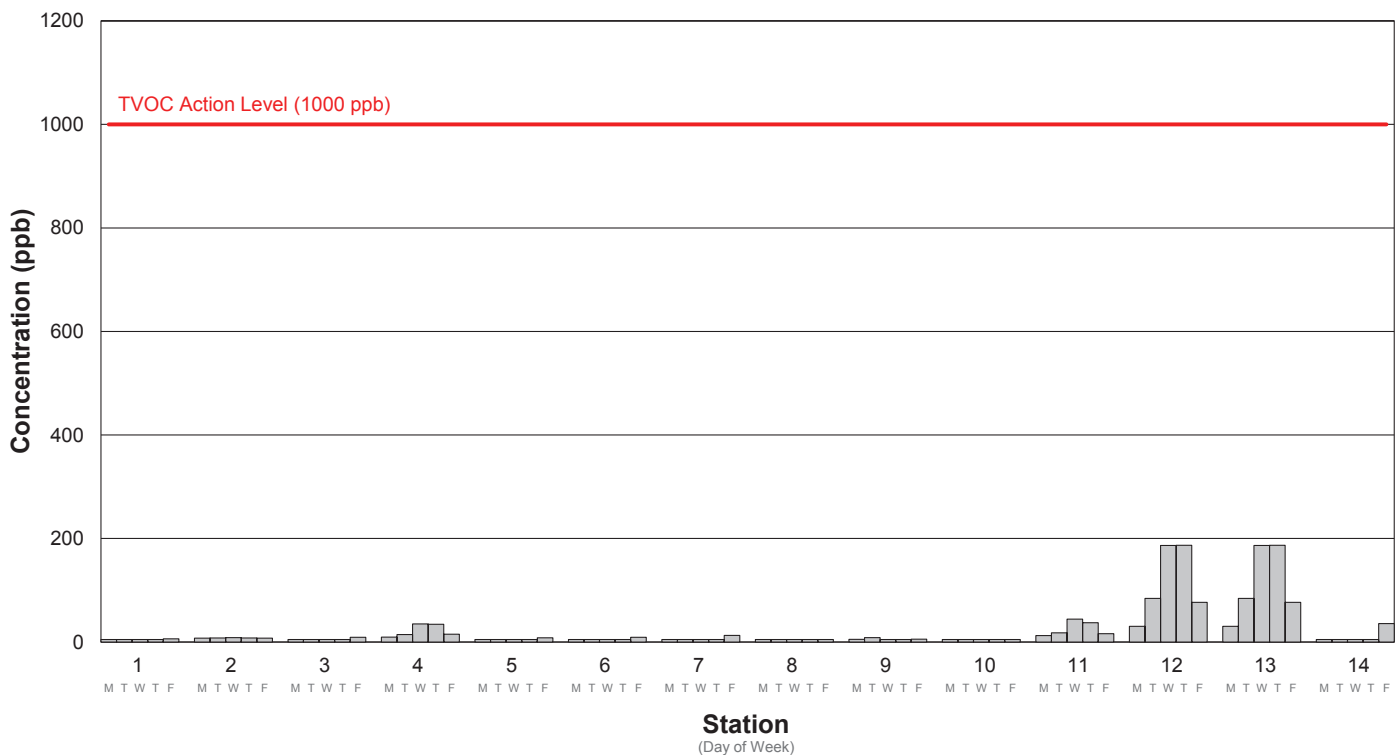
# cleanup of the Gowanus Canal

## Environmental Monitoring Update: Week of September 20, 2021

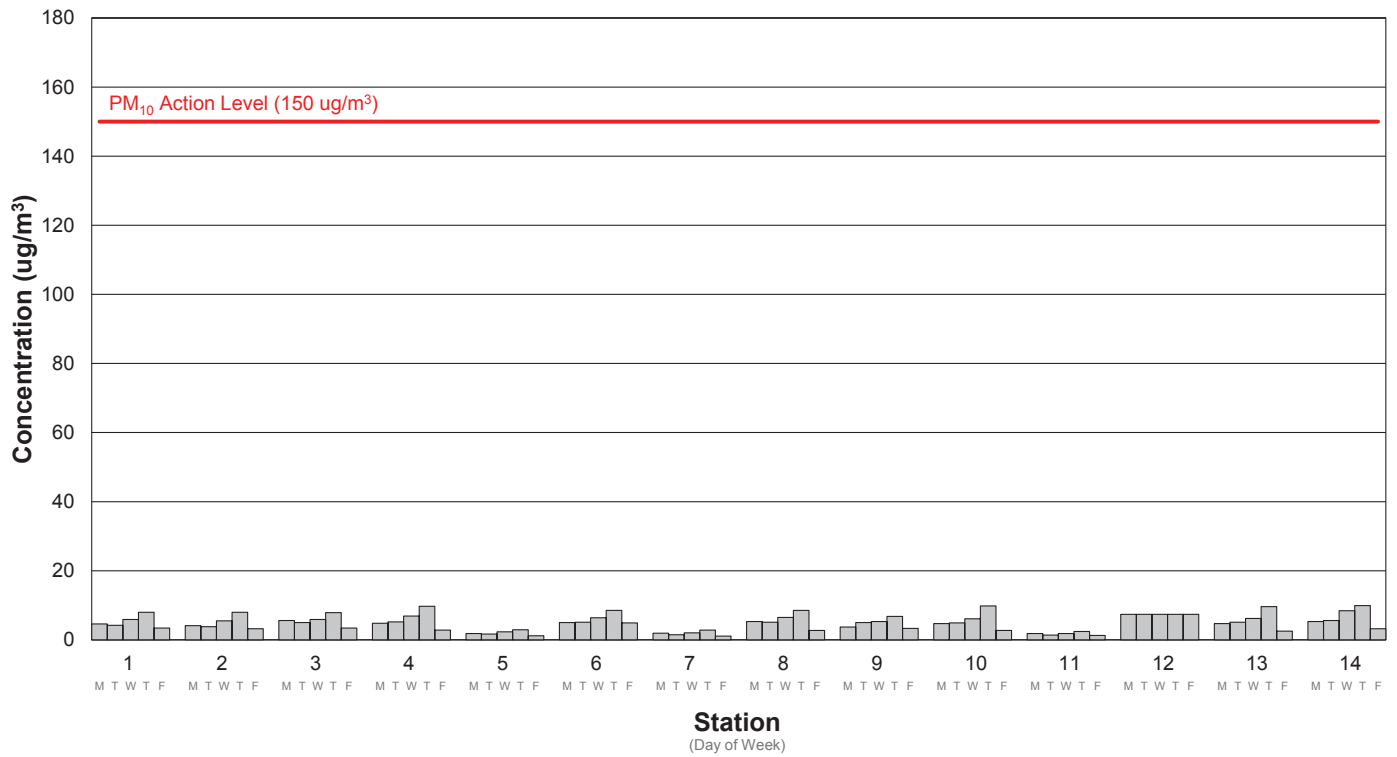
### Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period September 20, 2021 through September 24, 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 45: 9/20/2021 - 9/24/2021



Average PM10 Concentration  
Week 45: 9/20/2021 - 9/24/2021



Average TVOC/PM10 Concentration Week 45: 9/20/2021 - 9/24/2021							
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)	Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
9/20/2021	1	< 5	4.6	9/20/2021	8	< 5	5.3
9/21/2021	1	< 5	4.2	9/21/2021	8	< 5	5.1
9/22/2021	1	< 5	5.9	9/22/2021	8	< 5	6.5
9/23/2021	1	< 5	8	9/23/2021	8	< 5	8.5
9/24/2021	1	6.2	3.4	9/24/2021	8	< 5	2.7
9/20/2021	2	7.5	4.1	9/20/2021	9	5.2	3.7
9/21/2021	2	8	3.8	9/21/2021	9	8.4	5
9/22/2021	2	8.4	5.5	9/22/2021	9	< 5	5.3
9/23/2021	2	8	8	9/23/2021	9	< 5	6.8
9/24/2021	2	7.6	3.2	9/24/2021	9	5.6	3.3
9/20/2021	3	< 5	5.6	9/20/2021	10	< 5	4.7
9/21/2021	3	< 5	5	9/21/2021	10	< 5	4.9
9/22/2021	3	< 5	5.9	9/22/2021	10	< 5	6.1
9/23/2021	3	< 5	7.9	9/23/2021	10	< 5	9.8
9/24/2021	3	9	3.4	9/24/2021	10	< 5	2.7
9/20/2021	4	9.5	4.8	9/20/2021	11	12.6	1.8
9/21/2021	4	14.5	5.2	9/21/2021	11	17.9	1.4
9/22/2021	4	35	6.9	9/22/2021	11	44.2	1.8
9/23/2021	4	34.3	9.7	9/23/2021	11	37.2	2.4
9/24/2021	4	15.1	2.8	9/24/2021	11	16.2	1.3
9/20/2021	5	< 5	1.8	9/20/2021	12	30.4	7.4
9/21/2021	5	< 5	1.7	9/21/2021	12	84.2	7.4
9/22/2021	5	< 5	2.3	9/22/2021	12	186.7	7.4
9/23/2021	5	< 5	2.9	9/23/2021	12	187	7.4
9/24/2021	5	8.2	1.2	9/24/2021	12	76.8	7.4
9/20/2021	6	< 5	5	9/20/2021	13	30.4	4.7
9/21/2021	6	< 5	5.1	9/21/2021	13	84.2	5.1
9/22/2021	6	< 5	6.4	9/22/2021	13	186.7	6.2
9/23/2021	6	< 5	8.5	9/23/2021	13	187	9.6
9/24/2021	6	9.1	4.9	9/24/2021	13	76.8	2.5
9/20/2021	7	< 5	1.9	9/20/2021	14	< 5	5.3
9/21/2021	7	< 5	1.5	9/21/2021	14	< 5	5.6
9/22/2021	7	< 5	2	9/22/2021	14	< 5	8.4
9/23/2021	7	< 5	2.8	9/23/2021	14	< 5	9.9
9/24/2021	7	12.8	1.1	9/24/2021	14	35.8	3.2

<b>Summary of Daily Average Meteorological Data Parameters (Week 45)</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>
09/20/2021	S	4.56	68.55	69.93	1023.65
09/21/2021	ESE	5.99	69.67	78.26	1023.49
09/22/2021	SSE	8.29	74.19	89.53	1015.32
09/23/2021	SSE	10.36	73.37	88.87	1010.55
09/24/2021	WNW	3.52	65.79	68.45	1014.38

### *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.