

cleanup of the Gowanus Canal

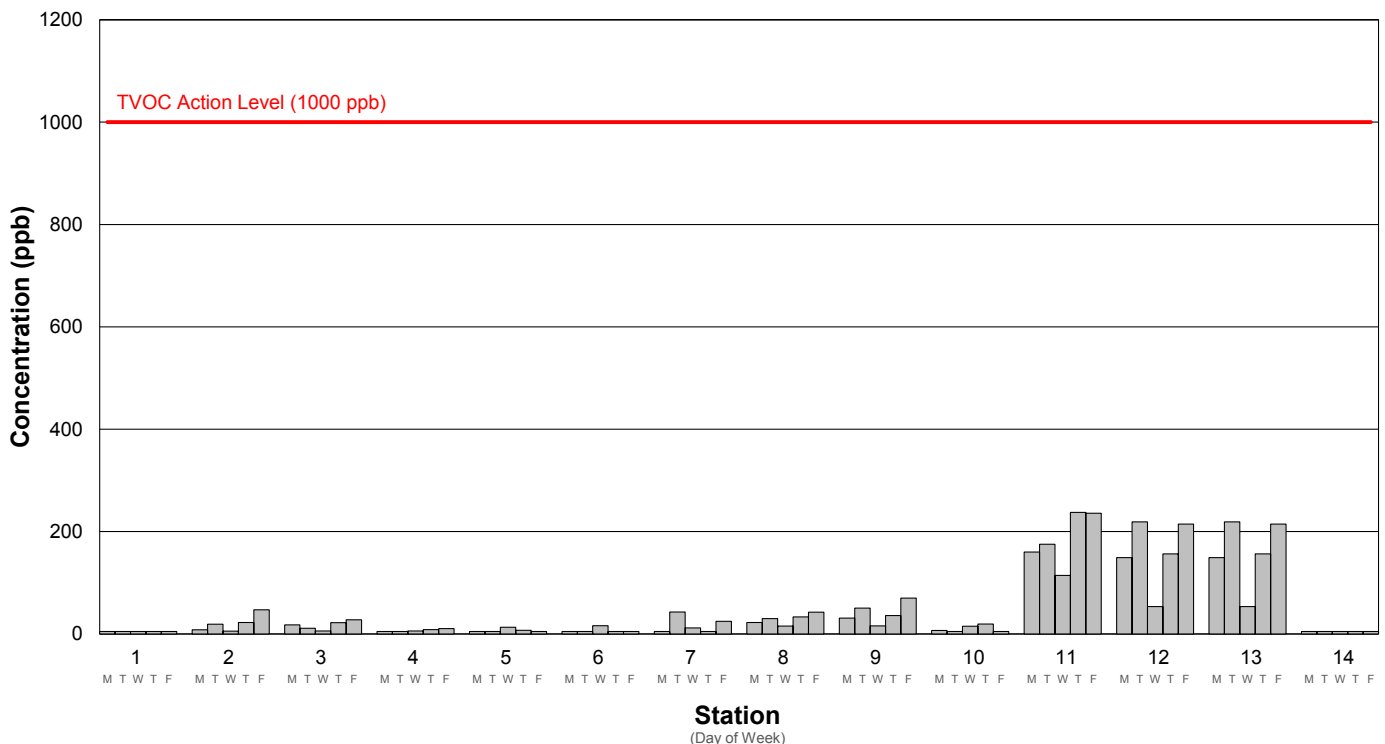
Environmental Monitoring Update: Week of October 31, 2022

Air Monitoring

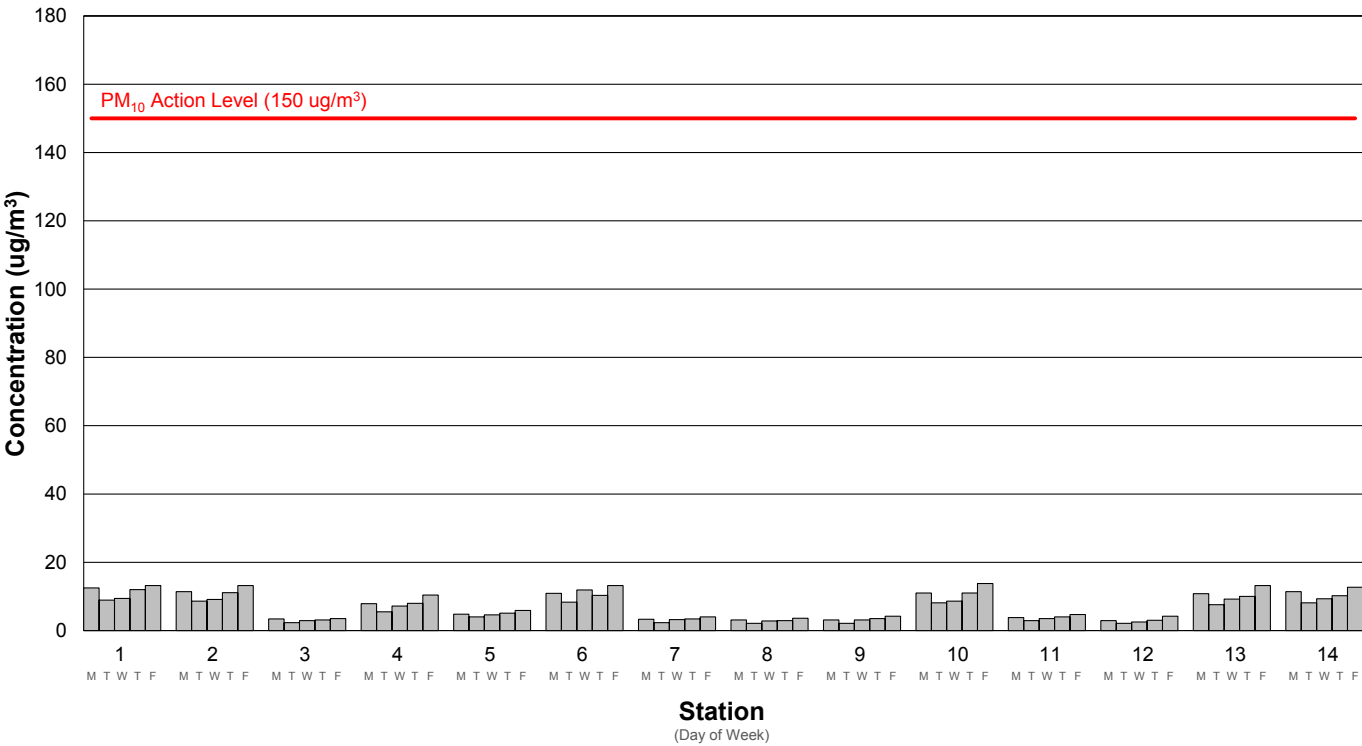
Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period October 31, 2022 through November 4, 2022. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below.

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 103: 10/31/2022 - 11/4/2022



Average PM10 Concentration
Week 103: 10/31/2022 - 11/4/2022



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Average TVOC/PM10 Concentration Week 103: 10/31/2022 - 11/4/2022								
Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)		Date	Station	TVOC AVG (ppb)	PM10 AVG (ug/m3)
10/31/2022	1	<5	12.5		10/31/2022	8	22.5	3.1
11/1/2022	1	<5	8.9		11/1/2022	8	30	2.1
11/2/2022	1	5	9.4		11/2/2022	8	15.5	2.8
11/3/2022	1	<5	12		11/3/2022	8	33.3	2.9
11/4/2022	1	<5	13.2		11/4/2022	8	42.6	3.6
10/31/2022	2	8.1	11.4		10/31/2022	9	30.9	3.1
11/1/2022	2	19.1	8.6		11/1/2022	9	50.4	2.1
11/2/2022	2	5.4	9.1		11/2/2022	9	15.7	3.1
11/3/2022	2	22.3	11.1		11/3/2022	9	35.9	3.5
11/4/2022	2	47.3	13.2		11/4/2022	9	70	4.2
10/31/2022	3	17.9	3.4		10/31/2022	10	6.7	11
11/1/2022	3	11.3	2.3		11/1/2022	10	<5	8.1
11/2/2022	3	6	2.9		11/2/2022	10	15.2	8.6
11/3/2022	3	22.1	3.1		11/3/2022	10	19.5	11
11/4/2022	3	27.6	3.5		11/4/2022	10	<5	13.8
10/31/2022	4	<5	7.9		10/31/2022	11	160	3.8
11/1/2022	4	<5	5.5		11/1/2022	11	175.4	2.9
11/2/2022	4	5.8	7.2		11/2/2022	11	114.4	3.5
11/3/2022	4	8.5	8		11/3/2022	11	237.4	4
11/4/2022	4	10.5	10.4		11/4/2022	11	235.9	4.7
10/31/2022	5	<5	4.8		10/31/2022	12	149.3	2.9
11/1/2022	5	<5	4		11/1/2022	12	219.1	2.1
11/2/2022	5	13	4.6		11/2/2022	12	53.5	2.5
11/3/2022	5	7.3	5.1		11/3/2022	12	156.6	3
11/4/2022	5	<5	5.9		11/4/2022	12	214.8	4.2
10/31/2022	6	<5	10.9	10/31/2022	13	149.3	10.8	
11/1/2022	6	<5	8.3	11/1/2022	13	219.1	7.6	
11/2/2022	6	16	11.9	11/2/2022	13	53.5	9.2	
11/3/2022	6	<5	10.3	11/3/2022	13	156.6	10	
11/4/2022	6	<5	13.2	11/4/2022	13	214.8	13.2	
10/31/2022	7	<5	3.3	10/31/2022	14	<5	11.4	
11/1/2022	7	43	2.3	11/1/2022	14	<5	8.1	
11/2/2022	7	11.8	3.2	11/2/2022	14	<5	9.3	
11/3/2022	7	<5	3.4	11/3/2022	14	<5	10.2	
11/4/2022	7	24.6	4	11/4/2022	14	<5	12.7	

Summary of Daily Average Meteorological Data Parameters (Week 103)					
Date	Wind Direction (°)	Wind Speed (mph)	Temperature (°F)	Humidity (%)	Barometric Pressure (inHg)
10/31/2022	SW	2.62	57.79	83.02	1014.55
11/01/2022	WSW	3.03	61.74	89.76	1013.66
11/02/2022	S	4.17	62.22	64.95	1021.49
11/03/2022	SE	2.73	58.44	76.09	1025.97
11/04/2022	S	2.52	60.67	87.81	1024.08

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.