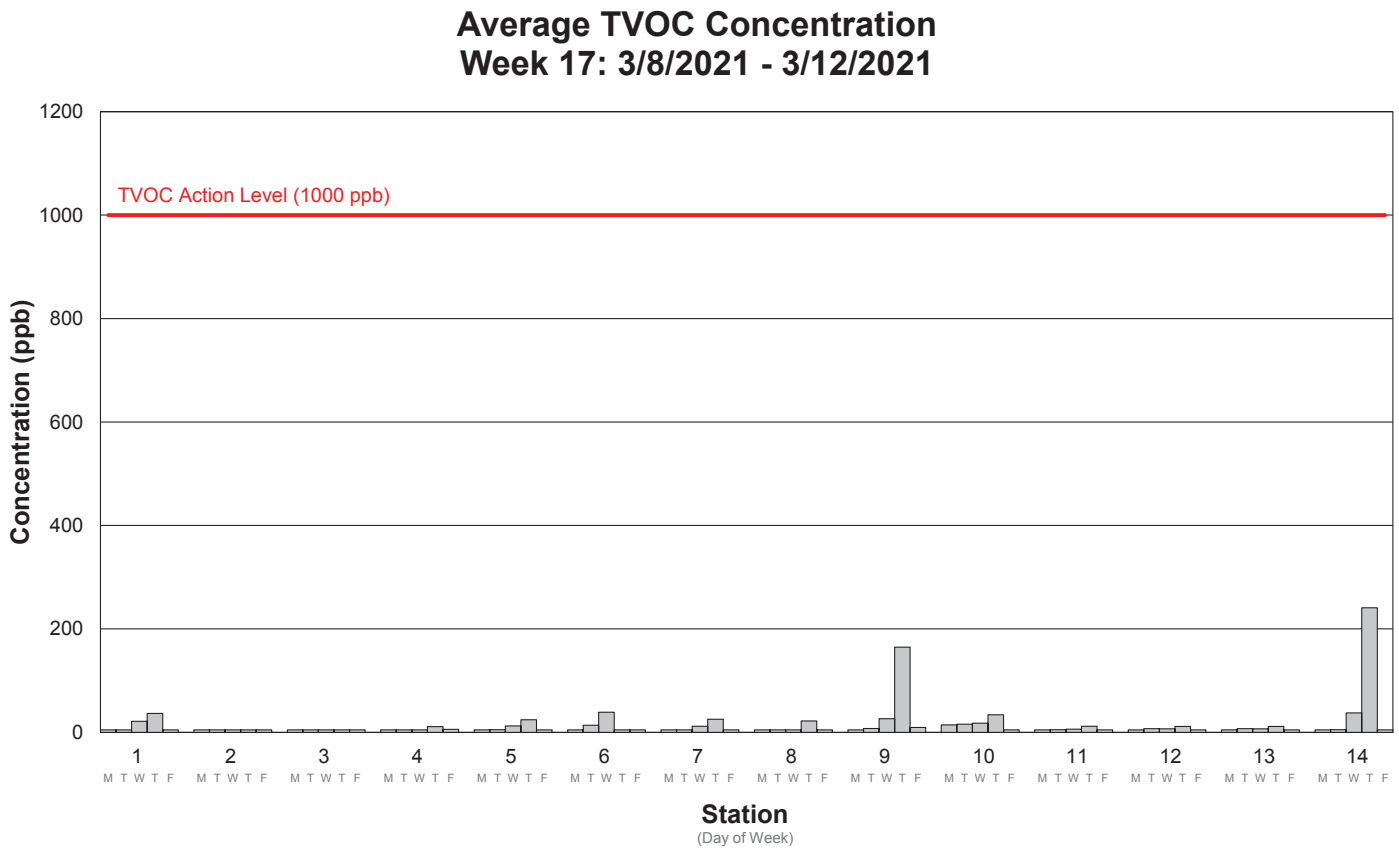
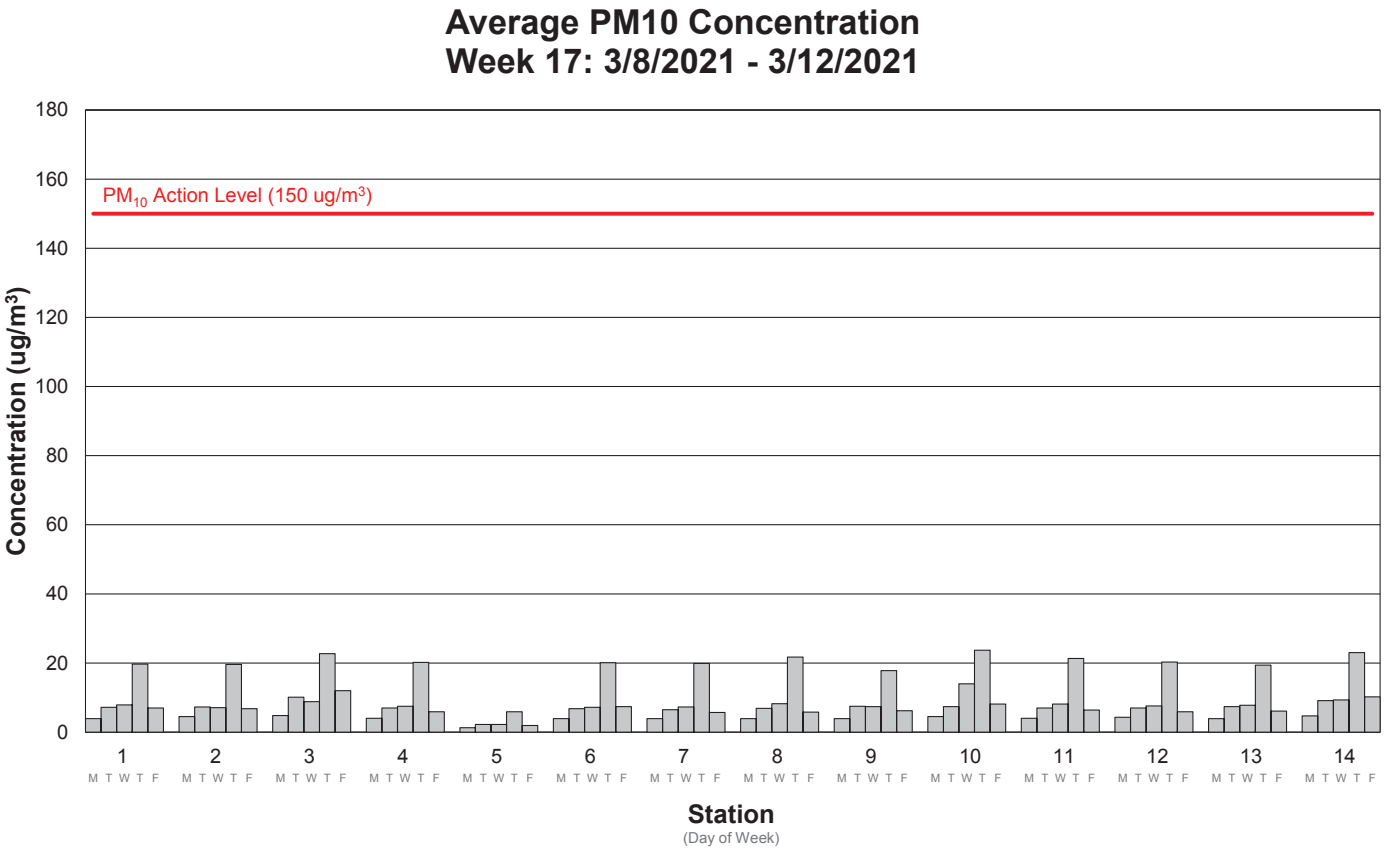
Environmental Monitoring Update:
Week of March 8, 2021

Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period March 8, 2021 through March 12, 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 PM10 Concentration
Week 17: 3/8/2021 - 3/12/2021
PM10 Action Level (150 ug/m3)
Concentration (ug/m3)
180
160
140
120
100
80
60
40
20
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14
M T W T F
Station
(Day of Week)

Average TVOC/PM10 Concentration Week 17: 3/8/2021 - 3/12/2021							
Date	**Station**	**TVOC AVG (ppb)**	**PM10 AVG (ug/m3)**	**Date**	**Station**	**TVOC AVG (ppb)**	**PM10 AVG (ug/m3)**
3/8/2021	1	< 5	3.9	3/8/2021	8	< 5	3.9
3/9/2021	1	< 5	7.2	3/9/2021	8	< 5	6.9
3/10/2021	1	21.5	7.9	3/10/2021	8	4.8	8.2
3/11/2021	1	36.7	19.7	3/11/2021	8	22.2	21.7
3/12/2021	1	< 5	7	3/12/2021	8	< 5	5.8
3/8/2021	2	< 5	4.5	3/8/2021	9	< 5	3.9
3/9/2021	2	< 5	7.3	3/9/2021	9	7.5	7.5
3/10/2021	2	< 5	7.1	3/10/2021	9	26.5	7.4
3/11/2021	2	< 5	19.6	3/11/2021	9	164.6	17.8
3/12/2021	2	< 5	6.8	3/12/2021	9	9.4	6.2
3/8/2021	3	< 5	4.8	3/8/2021	10	14.6	4.5
3/9/2021	3	< 5	10.1	3/9/2021	10	15.7	7.4
3/10/2021	3	< 5	8.8	3/10/2021	10	17.9	14
3/11/2021	3	< 5	22.7	3/11/2021	10	33.9	23.7
3/12/2021	3	< 5	12	3/12/2021	10	< 5	8.1
3/8/2021	4	< 5	4	3/8/2021	11	< 5	4
3/9/2021	4	5	7	3/9/2021	11	5.1	7
3/10/2021	4	5	7.5	3/10/2021	11	6.1	8.1
3/11/2021	4	11	20.2	3/11/2021	11	11.9	21.3
3/12/2021	4	5.7	5.9	3/12/2021	11	< 5	6.4
3/8/2021	5	< 5	1.3	3/8/2021	12	< 5	4.3
3/9/2021	5	5.1	2.2	3/9/2021	12	7.3	7
3/10/2021	5	12.4	2.2	3/10/2021	12	7	7.6
3/11/2021	5	24.3	5.9	3/11/2021	12	11.4	20.3
3/12/2021	5	< 5	1.9	3/12/2021	12	< 5	5.9
3/8/2021	6	4.7	3.9	3/8/2021	13	< 5	3.9
3/9/2021	6	13.7	6.8	3/9/2021	13	7.3	7.4
3/10/2021	6	39	7.2	3/10/2021	13	7	7.8
3/11/2021	6	< 5	20.1	3/11/2021	13	11.4	19.4
3/12/2021	6	< 5	7.4	3/12/2021	13	< 5	6.1
3/8/2021	7	< 5	3.9	3/8/2021	14	< 5	4.7
3/9/2021	7	< 5	6.5	3/9/2021	14	5.2	9.1
3/10/2021	7	11.8	7.3	3/10/2021	14	37.5	9.3
3/11/2021	7	25.3	19.9	3/11/2021	14	240.7	23
3/12/2021	7	< 5	5.7	3/12/2021	14	< 5	10.2

Summary of Daily Average Meteorological Data Parameters (Week 17)					
Date	**Wind Direction (°)**	**Wind Speed (mph)**	**Temperature (°F)**	**Humidity (%)**	**Barometric Pressure (inHg)**
03/08/2021	WNW	4.68	34.98	39.94	1026.42
03/09/2021	W	4.77	50.86	36.14	1023.88
03/10/2021	ESE	6.27	46.01	64.58	1028.38
03/11/2021	SSE	3.36	54.84	67.77	1020.01
03/12/2021	W	3.60	58.36	54.80	1016.00

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.