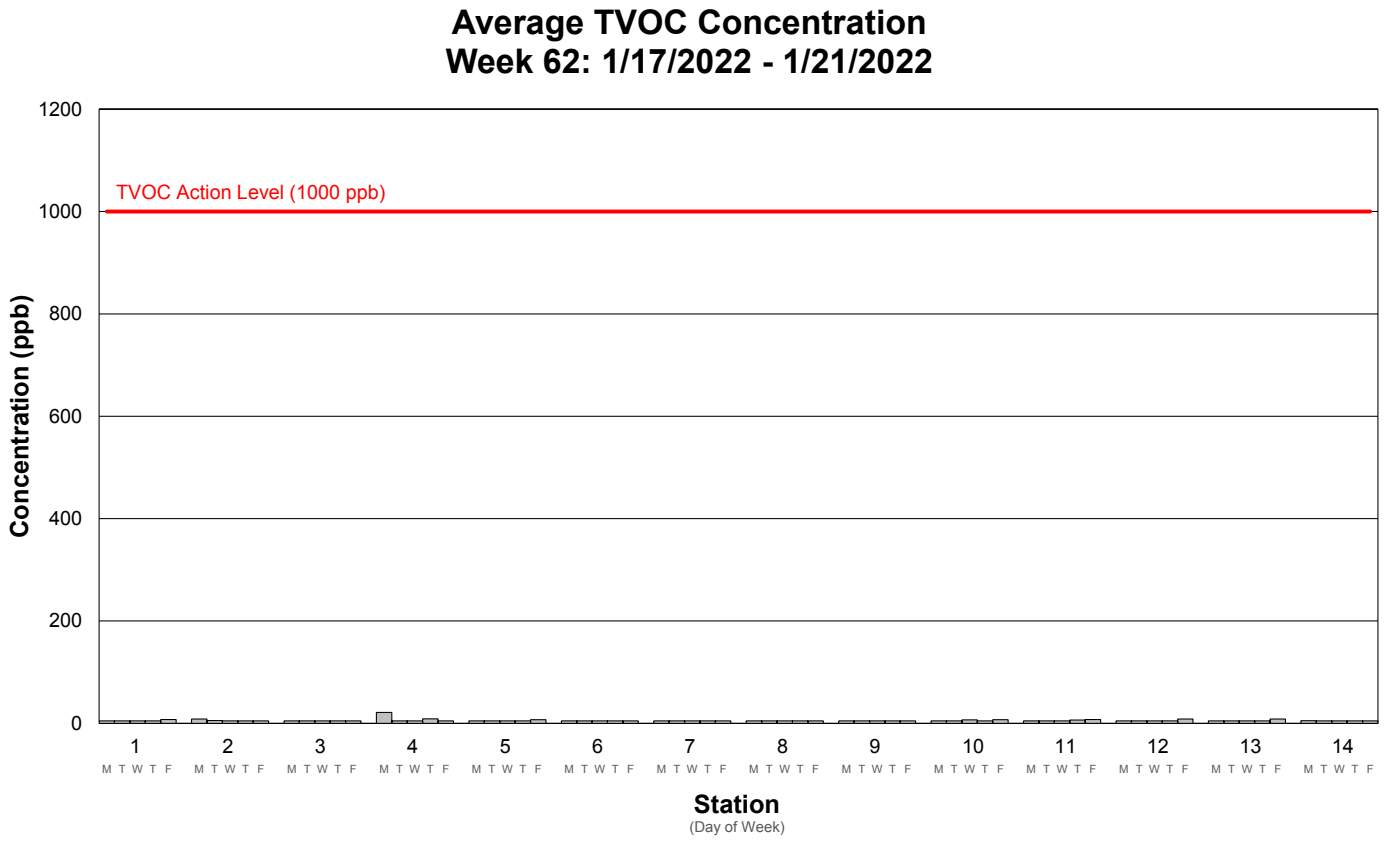
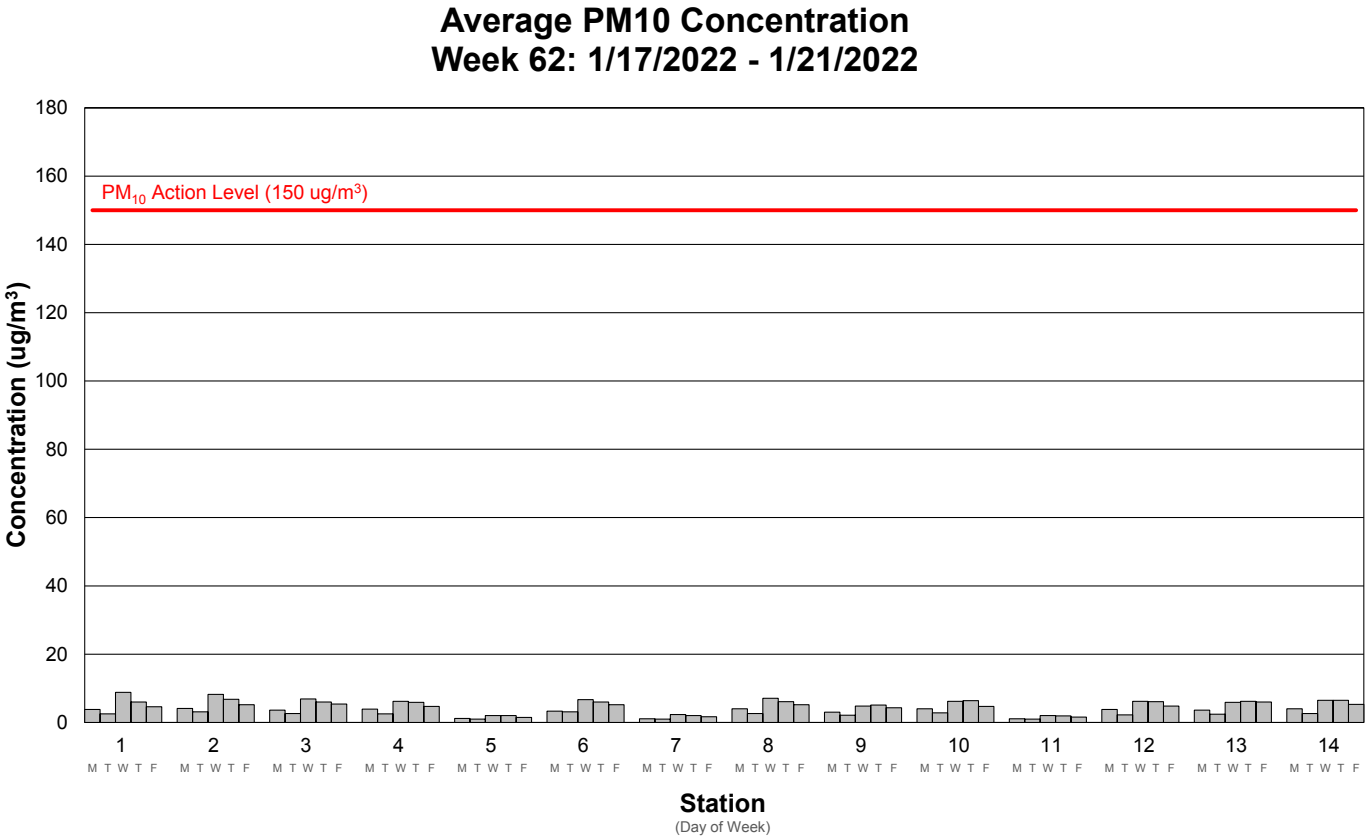
Environmental Monitoring Update:
Week of January 17, 2022

Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period January 17, 2022 through January 21, 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 PM10 Concentration
Week 62: 1/17/2022 - 1/21/2022
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 62: 1/17/2022 - 1/21/2022								
Date	**Station**	**TVOC AVG (ppb)**	**PM10 AVG (ug/m3)**		**Date**	**Station**	**TVOC AVG (ppb)**	**PM10 AVG (ug/m3)**
1/17/2022	1	<5	3.8		1/17/2022	8	<5	4
1/18/2022	1	<5	2.5		1/18/2022	8	<5	2.6
1/19/2022	1	<5	8.8		1/19/2022	8	<5	7.1
1/20/2022	1	<5	6		1/20/2022	8	<5	6.1
1/21/2022	1	7.5	4.6		1/21/2022	8	<5	5.2
1/17/2022	2	8.4	4.1		1/17/2022	9	<5	3
1/18/2022	2	5.5	3.1		1/18/2022	9	<5	2.1
1/19/2022	2	<5	8.2		1/19/2022	9	<5	4.8
1/20/2022	2	<5	6.8		1/20/2022	9	<5	5.1
1/21/2022	2	<5	5.2		1/21/2022	9	<5	4.3
1/17/2022	3	<5	3.6		1/17/2022	10	<5	4
1/18/2022	3	<5	2.6		1/18/2022	10	5	2.8
1/19/2022	3	<5	6.9		1/19/2022	10	6.8	6.2
1/20/2022	3	<5	6		1/20/2022	10	<5	6.4
1/21/2022	3	<5	5.4		1/21/2022	10	7.3	4.7
1/17/2022	4	21.3	3.9		1/17/2022	11	<5	1.1
1/18/2022	4	<5	2.5		1/18/2022	11	<5	<1
1/19/2022	4	<5	6.2		1/19/2022	11	<5	2
1/20/2022	4	8.7	5.9		1/20/2022	11	6.6	1.9
1/21/2022	4	<5	4.7		1/21/2022	11	7.4	1.6
1/17/2022	5	<5	1.2		1/17/2022	12	<5	3.8
1/18/2022	5	<5	<1		1/18/2022	12	<5	2.2
1/19/2022	5	<5	2		1/19/2022	12	<5	6.2
1/20/2022	5	<5	2		1/20/2022	12	<5	6.1
1/21/2022	5	7.2	1.5		1/21/2022	12	8.4	4.8
1/17/2022	6	<5	3.3		1/17/2022	13	<5	3.6
1/18/2022	6	<5	3.1		1/18/2022	13	<5	2.4
1/19/2022	6	<5	6.7		1/19/2022	13	<5	5.9
1/20/2022	6	<5	6		1/20/2022	13	<5	6.2
1/21/2022	6	<5	5.2		1/21/2022	13	8.4	6
1/17/2022	7	<5	1.1		1/17/2022	14	5.1	4
1/18/2022	7	<5	<1		1/18/2022	14	<5	2.6
1/19/2022	7	<5	2.3		1/19/2022	14	<5	6.5
1/20/2022	7	<5	2		1/20/2022	14	<5	6.5
1/21/2022	7	<5	1.7		1/21/2022	14	<5	5.3

Summary of Daily Average Meteorological Data Parameters (Week 62)					
Date	**Wind Direction (°)**	**Wind Speed (mph)**	**Temperature (°F)**	**Humidity (%)**	**Barometric Pressure (inHg)**
01/17/2022	SSW	9.56	39.07	82.24	986.11
01/18/2022	WNW	6.57	33.32	52.48	1008.19
01/19/2022	SSW	3.73	39.99	58.18	1014.95
01/20/2022	NW	6.39	35.01	68.53	1017.23
01/21/2022	S	8.22	19.40	45.74	1028.64

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.