

Prepared By: Victor Chang

NYSDEC BCP Site No:	C224392	Date:	July 2, 2025
Project Name:	601-607 Union Street, Brooklyn, NY	Weather:	P. Cloudy, 72-82 °F
Applicant Name:	601 Union Street Owner LLC		

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Ben Neumann & Izzy Hettleman

Driller: Coastal Environmental Solutions – Brandon Sullivan & Jason Rosser

NYSDEC Representative: WSP – Chris Disclafani

Work Activities Performed:

- Coastal continued using a Geoprobe 6011DT direct-push drill rig to advance 6 soil borings: 25SB-1, 25SB-2, 25SB-3, 25SB-4, 25SB-5, and 25SB-6 to depths ranging between 12 and 15 feet below grade. Soil borings were advanced to facilitate collection of soil samples and for the installation of soil vapor points and groundwater monitoring wells. All work was conducted in accordance with the Remedial Investigation Work Plan (RIWP) dated February 21, 2025.
- Groundwater was encountered between approximately 12 and 13 feet below ground surface (bgs) during advancement of soil borings. Soil was retrieved continuously in 5-foot intervals and field screened with a photo ionization detector (PID) for presence of contamination, odor, and staining. No elevated PID readings, evidence of staining, or olfactory odors were observed in any of the soil samples. 25MW-1, 25MW-2, 25MW-3, 25MW-6, 25MW-7, 25MW-8; 25SB-1 through 6
- Coastal installed 3 soil vapor points at locations: 5SV-1, 25SV-3, and 25SV-4.
- Coastal installed 6 groundwater monitoring wells at locations: 25MW-1, 25MW-2, 25MW-3, 25MW-6, 25MW-7, and 25MW-8.
- Soil samples were collected from each of the borings and submitted for laboratory analysis for TCL VOCs, TCL SVOCs, TAL Metals, mercury, pesticides, herbicides, and PCBs, including requisite quality assurance/quality control (QA/QC) samples. All samples were immediately placed in a cooler with ice after labeling and transported to Pace Analytical Services of Westborough, Massachusetts under proper chain of custody procedures.

Community Air Monitoring Program

Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. The CAMP stations were relocated as needed based on the area of work. No CAMP exceedances were observed.

Problems Encountered

N/A

Planned Activities for the Next Day

Work will continue in accordance with the RIWP including the advancement of soil borings, installation of groundwater monitoring wells and soil vapor points, and the collection and submitting of soil and soil vapor samples for laboratory analysis. Collection of waste characterization samples to facilitate disposal facility approvals will begin.

Samples Collected:

The following samples were collected as per the Remedial Investigation Work Plan dated February 21, 2025:

	Soil Boring ID	Sample Depths (ft)	Vertical Representation	
		(0-2')	Shallowest (below slab)	
	25SB-1	(9-11')	Intermediate interval below fill Layer	
		(12-13')	Deepest interval above groundwater	
	25SB-2	(0-2')	Shallowest (below slab)	
		(12-13')	Deepest interval above groundwater	
	25SB-3	(0-2')	Shallowest (below slab)	
		(12-13')	Deepest interval above groundwater	
	25SB-4	(0-2')	Shallowest (below slab)	
		(4-7')	Intermediate interval below fill Layer	
		(12-13')	Deepest interval above groundwater	
	25SB-5	(0-2')	Shallowest (below slab)	
		(11-12')	Deepest interval above groundwater	
	25SB-6	(0-2')	Shallowest (below slab)	
		(7-9')	Intermediate interval below fill layer	
		(11-12')	Deepest interval above groundwater	

SITE PLAN / WORK AREAS

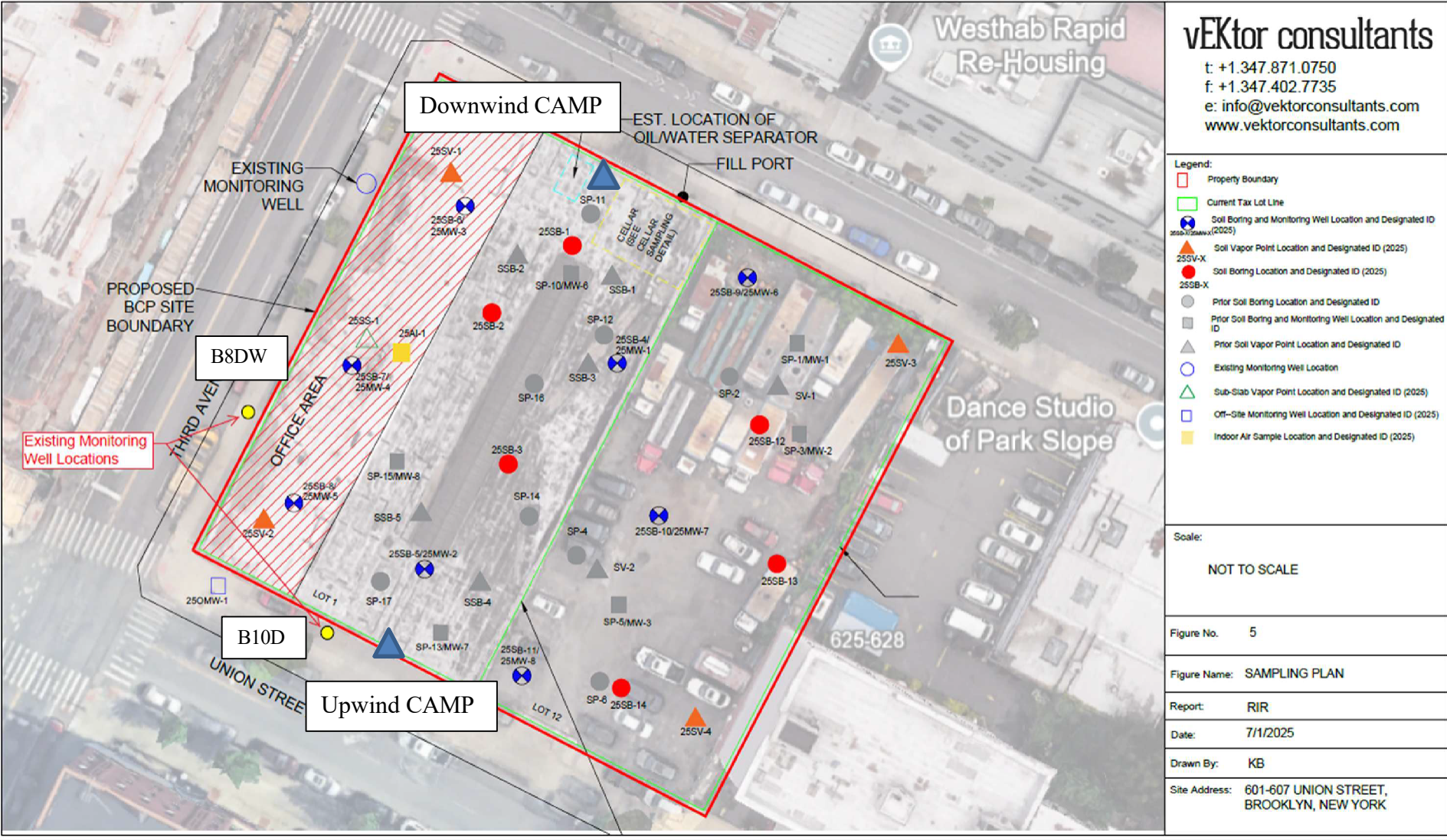


PHOTO LOG

Photo 1: Coastal Environmental Solutions (Coastal) mobilizing to the indoor central portion of the Site.

View facing northeast.



Photo 2: Installation of soil vapor point 25SV-1 and monitoring well 25MW-3.



Photo 3: View of soil sample collection at boring location 25SB-2.

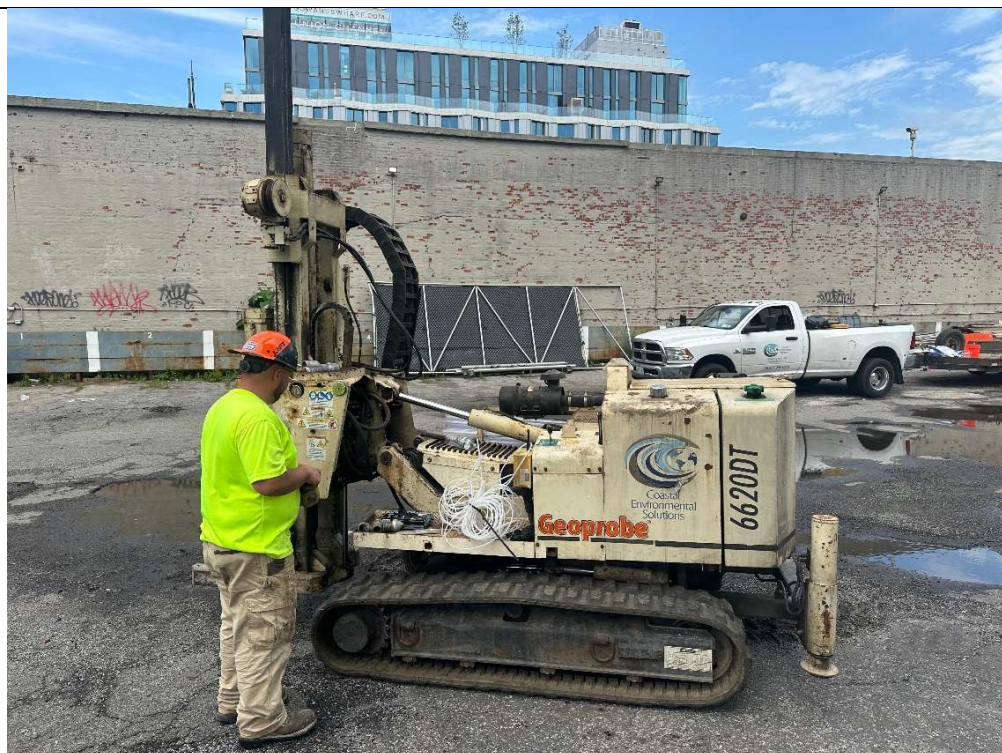


Photo 4:
Implementation of
Community Air
Monitoring Program
(CAMP) Station.

View facing west.

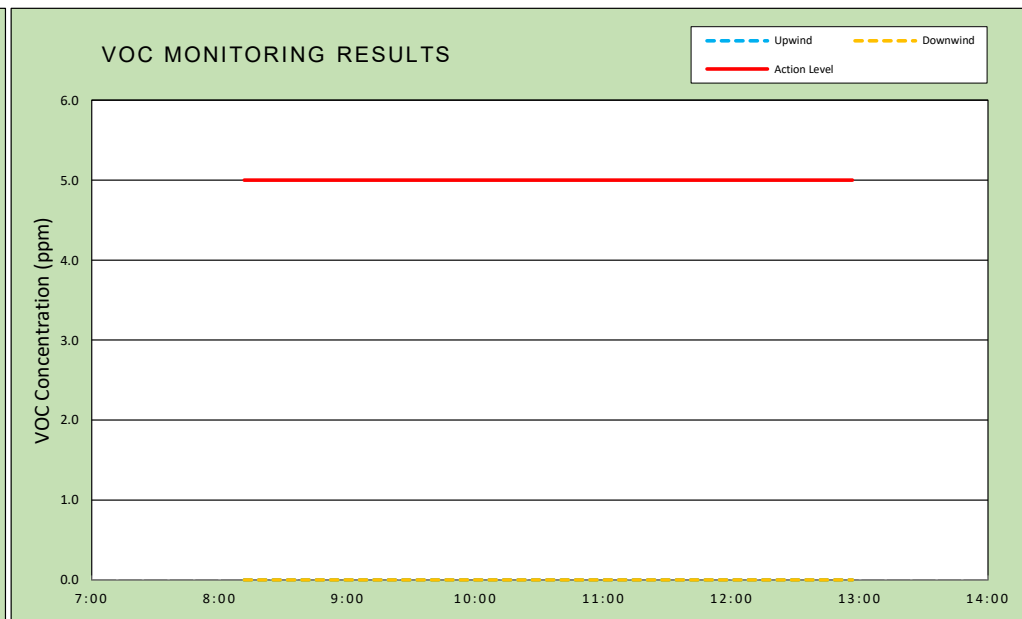
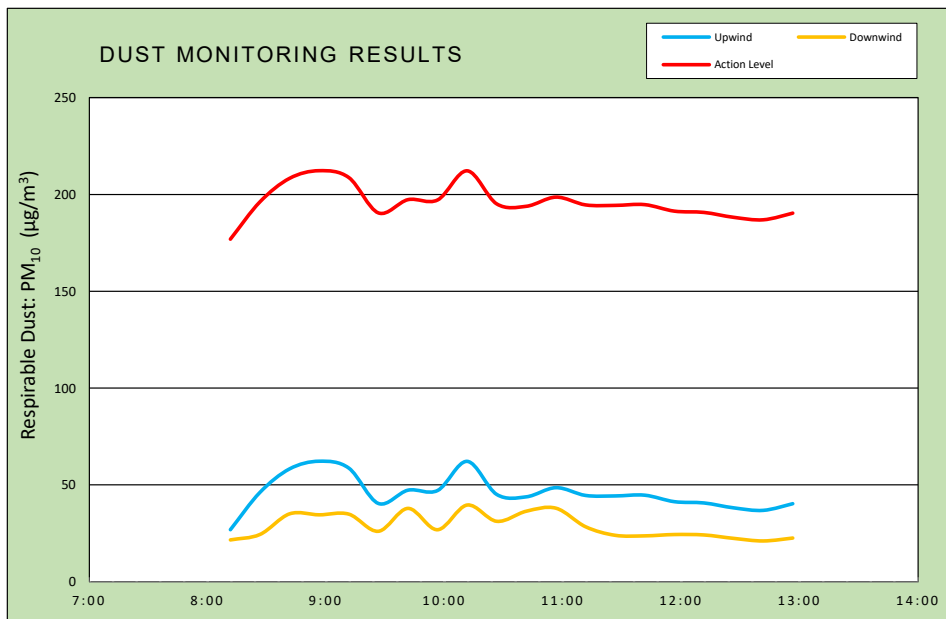


CAMP DATA

vEktor consultants 37 W. 37th St, 6th Floor - New York, NY	DAILY AIR MONITORING REPORT 601 Union Street Brooklyn, New York				07/02/2025	
					Rev. No. 0	Page 1 of 2
					Project Number:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
		VOC Action Level	5 ppm			

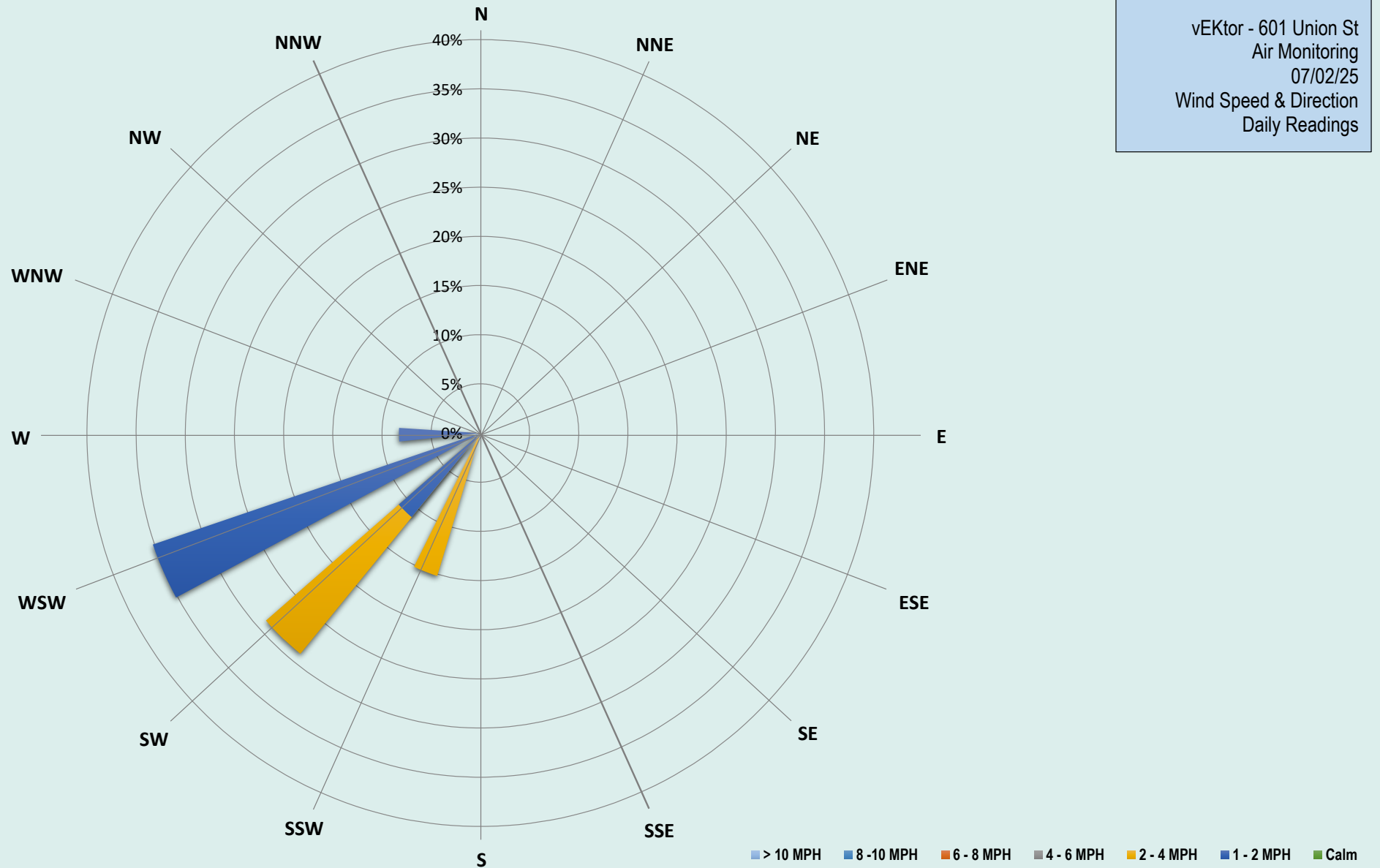
Weather Data Range for Work Day		Wind Direction	SW	Relative Humidity (%)	75.0 - 95.0	Daily Rain Total (in)	0.12	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	72.0 - 82.0	Wind Speed (MPH)	1.2 - 2.7	Barometer (inHg)	29.90 - 29.90	Avg. Dew Point Temp (°F)	71.7	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	46.1	62.3	8:57	0.0	0.0	8:12
Downwind	29.2	39.6	10:12	0.0	0.0	8:12



Air Monitoring Notes:

Weather Notes:



Wednesday, July 2, 2025				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				20
Start Time:				8:12
End Time:				12:57
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
8:12	26.9	8:12	21.6	-
8:27	46.2	8:27	24.5	-
8:42	58.3	8:42	35.1	-
8:57	62.3	8:57	34.6	-
9:12	58.7	9:12	34.9	-
9:27	40.5	9:27	26.1	-
9:42	47.3	9:42	37.9	-
9:57	47.1	9:57	26.9	-
10:12	62.2	10:12	39.6	-
10:27	45.1	10:27	31.2	-
10:42	43.9	10:42	36.5	-
10:57	48.6	10:57	38.0	-
11:12	44.6	11:12	28.4	-
11:27	44.3	11:27	24.0	-
11:42	44.7	11:42	23.7	-
11:57	41.4	11:57	24.4	-
12:12	40.7	12:12	24.2	-
12:27	38.2	12:27	22.4	-
12:42	36.9	12:42	21.1	-
12:57	40.3	12:57	22.6	-

Wednesday, July 2, 2025				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:12
End Time:				12:57
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:12	0.0	8:12	0.0	-
8:27	0.0	8:27	0.0	-
8:42	0.0	8:42	0.0	-
8:57	0.0	8:57	0.0	-
9:12	0.0	9:12	0.0	-
9:27	0.0	9:27	0.0	-
9:42	0.0	9:42	0.0	-
9:57	0.0	9:57	0.0	-
10:12	0.0	10:12	0.0	-
10:27	0.0	10:27	0.0	-
10:42	0.0	10:42	0.0	-
10:57	0.0	10:57	0.0	-
11:12	0.0	11:12	0.0	-
11:27	0.0	11:27	0.0	-
11:42	0.0	11:42	0.0	-
11:57	0.0	11:57	0.0	-
12:12	0.0	12:12	0.0	-
12:27	0.0	12:27	0.0	-
12:42	0.0	12:42	0.0	-
12:57	0.0	12:57	0.0	-