

## DAILY STATUS REPORT

Prepared By: Riley Farbstein

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50	X	50-70	X	70-85		>85	

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	11/19/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Riley Farbstein  <b>Visitors:</b> WSP – Chris Disclafani	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor <b>Time On-Site:</b> 07:00 – 13:30
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### Work Activities Performed:

- Five loads of #57 3/4" stone gravel backfill imported onto site and graded. Gravel was hosed with water during importation and grading to limit respirable dust exposure.

### Community Air Monitoring Program (CAMP)

An Upwind and Downwind CAMP stations were placed within the perimeters of the Site during work activities. The Upwind CAMP station was in the west of the Site and the Downwind CAMP station was in the east portion of the Site as the wind was consistently coming from the west.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm      Dust: 0.0157 mg/m<sup>3</sup>

Highest Levels:

PID: 0.0 ppm      Dust: 0.0263 mg/m<sup>3</sup>

- Upwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530210705, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601281.
- Downwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530221304, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N:592-926055.

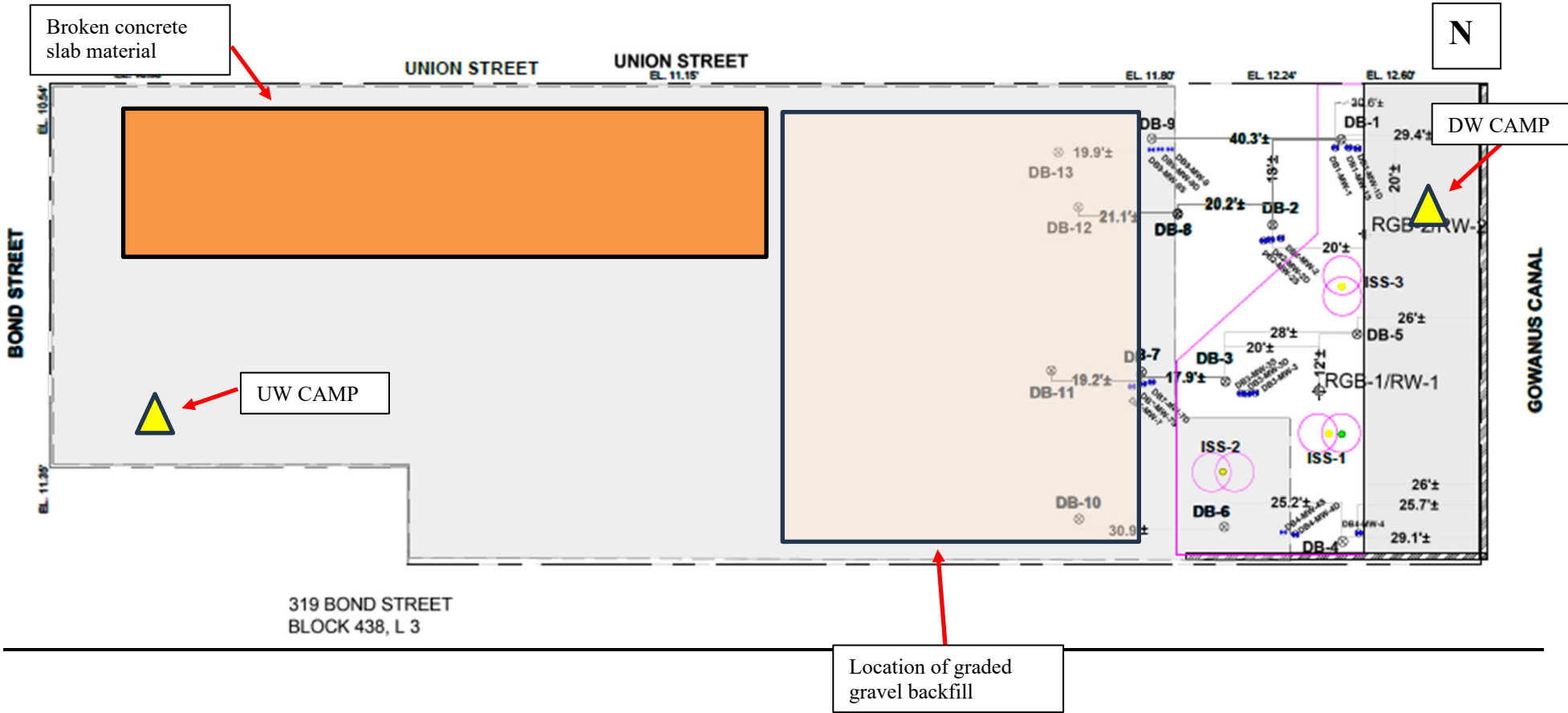
### Problems Encountered

- None.

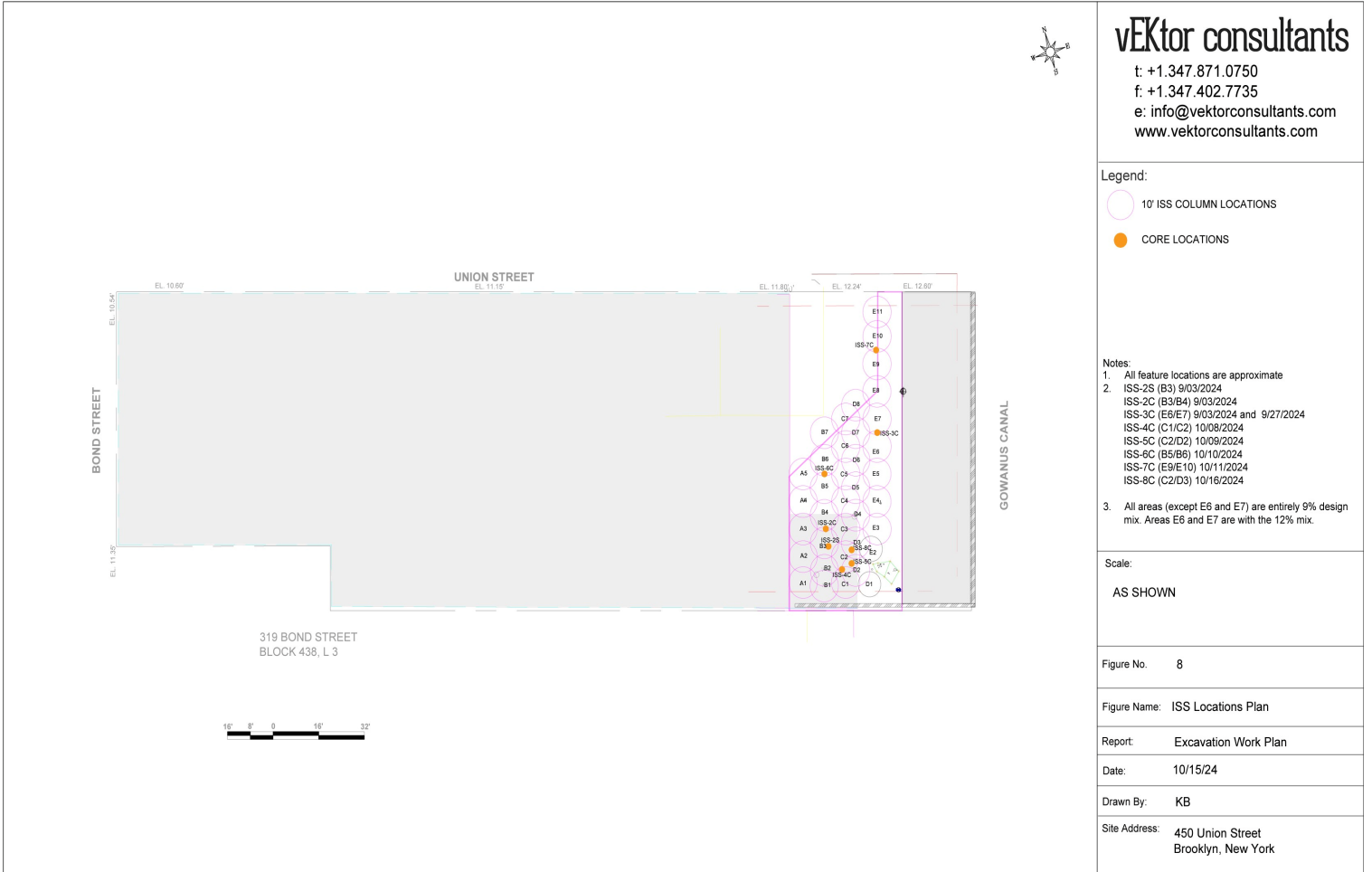
### Planned Activities for the Next Day

- None.

SITE PLAN WITH LOCATIONS



## ISS Location Plan



**SOIL AND C&D DISPOSAL QUANTITIES AND FACILITY DESTINATIONS**

<b>Facility # Name/ Location Type of Waste Solid Or Liquid</b>	<b>Fairless Landfill 1000 New Ford Mill Road Morrisville, PA Non-hazardous ISS Swell Soil</b>			
<b>(Trucks, Cu.Yds. Or Gallons)</b>	<b>Trucks</b>	<b>Cu. Yards</b>	<b>Trucks</b>	<b>Cu. Yards</b>
<b>Today</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>53</b>	<b>~1325</b>		

## Photo Log

Photo 1:  
One load of stone gravel backfill  
imported onto site, view facing  
northwest.



Photo 2:  
Upwind CAMP station, view facing  
north.





Photo 3:  
Grading of stone gravel backfill, view  
facing north.

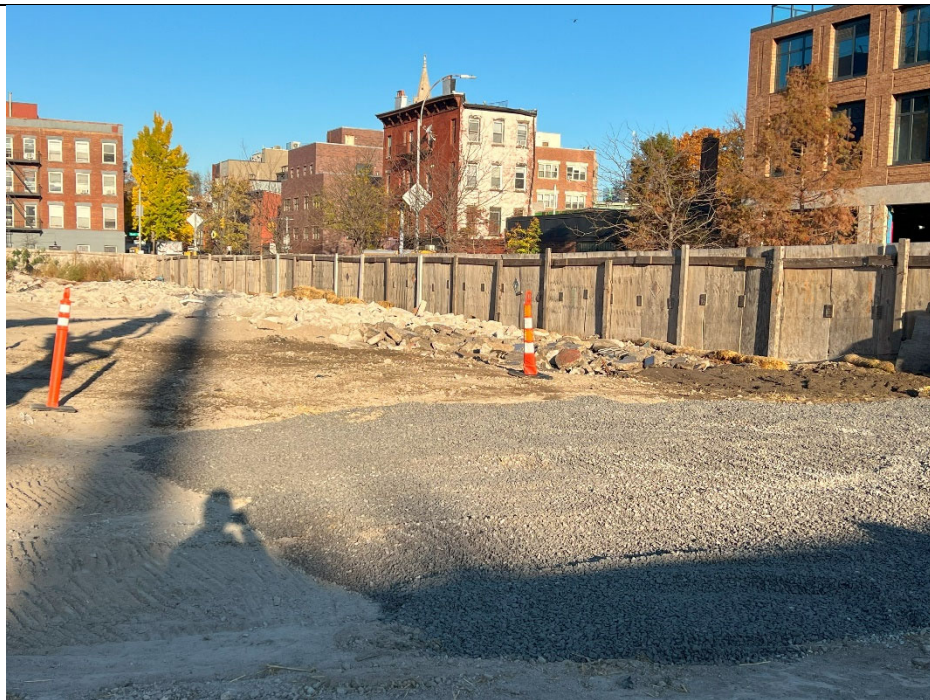


Photo 4:  
Graded stone gravel backfill, view  
facing south.



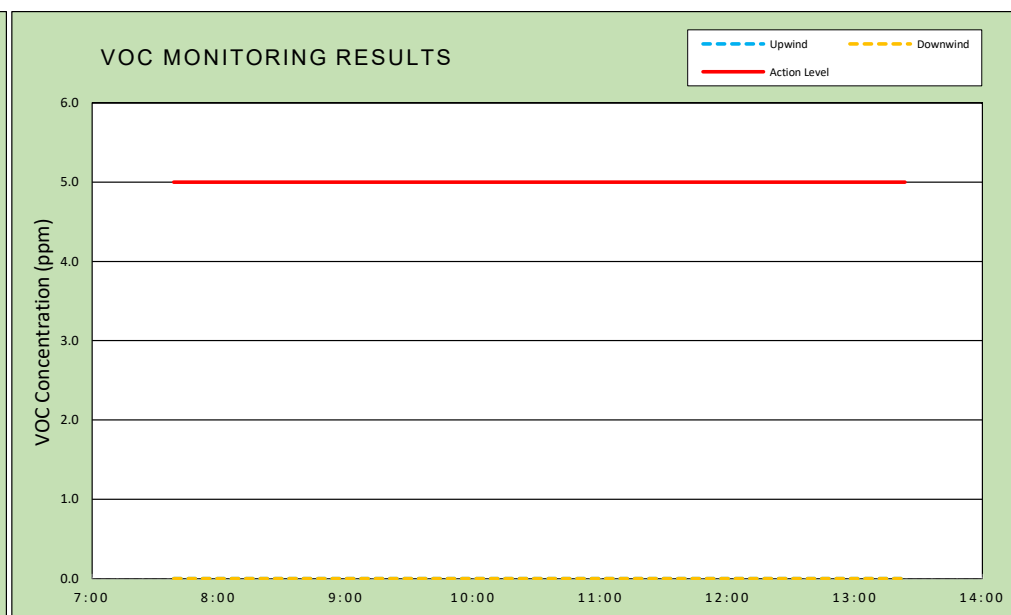
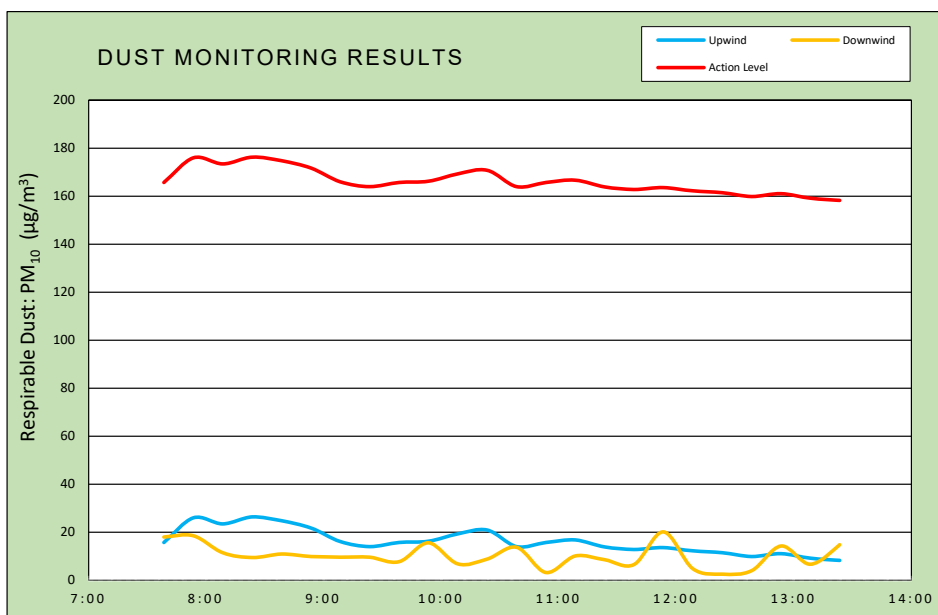
Photo 5:  
Grading of stone gravel backfill, view  
facing southeast.



<div>vEKtor consultants</div> <div>37 W. 37th St, 6th Floor - New York, NY</div>	<div>DAILY AIR MONITORING REPORT</div> <div>450 Union Street</div> <div>Brooklyn, New York</div>	11/18/2024	
		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m <sup>3</sup>
		VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	WNW, NW	Relative Humidity (%)	44.0 - 65.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	52.0 - 65.0	Wind Speed (MPH)	1.8 - 10.8	Barometer (inHg)	29.80 - 29.90	Avg. Dew Point Temp (°F)	42.8	

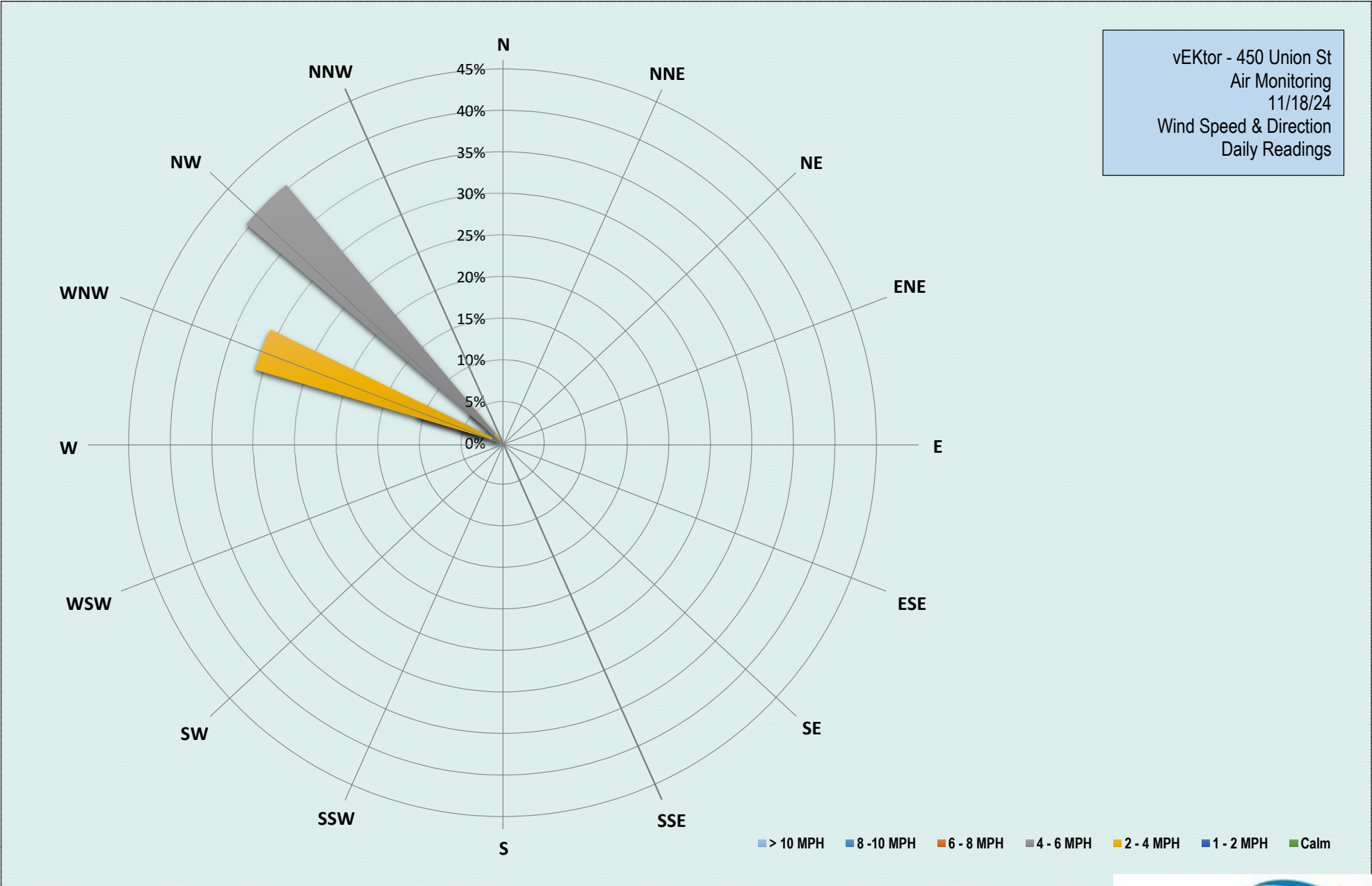
Station Location	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15-Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	16.1	26.3	8:24	0.0	0.0	7:39
Downwind	10.3	20.2	11:54	0.0	0.0	7:39



**Air Monitoring Notes:**

**Weather Notes:**





Monday, November 18, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				24
Start Time:				7:39
End Time:				13:24
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	15-Min Avg Concentration (ug/m <sup>3</sup> )	
7:39	15.7	7:39	18.0	-
7:54	26.0	7:54	18.5	-
8:09	23.5	8:09	11.4	-
8:24	26.3	8:24	9.4	-
8:39	24.7	8:39	10.9	-
8:54	21.8	8:54	9.9	-
9:09	16.1	9:09	9.6	-
9:24	14.0	9:24	9.5	-
9:39	15.7	9:39	7.7	-
9:54	16.2	9:54	15.5	-
10:09	19.3	10:09	6.8	-
10:24	20.9	10:24	8.8	-
10:39	14.0	10:39	13.7	-
10:54	15.7	10:54	3.2	-
11:09	16.7	11:09	10.1	-
11:24	13.9	11:24	8.5	-
11:39	12.8	11:39	6.5	-
11:54	13.6	11:54	20.2	-
12:09	12.2	12:09	4.7	-
12:24	11.5	12:24	2.6	-
12:39	9.9	12:39	3.9	-
12:54	11.1	12:54	14.3	-
13:09	9.1	13:09	6.6	-
13:24	8.2	13:24	14.7	-

Monday, November 18, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:39
End Time:				13:24
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:39	0.0	7:39	0.0	-
7:54	0.0	7:54	0.0	-
8:09	0.0	8:09	0.0	-
8:24	0.0	8:24	0.0	-
8:39	0.0	8:39	0.0	-
8:54	0.0	8:54	0.0	-
9:09	0.0	9:09	0.0	-
9:24	0.0	9:24	0.0	-
9:39	0.0	9:39	0.0	-
9:54	0.0	9:54	0.0	-
10:09	0.0	10:09	0.0	-
10:24	0.0	10:24	0.0	-
10:39	0.0	10:39	0.0	-
10:54	0.0	10:54	0.0	-
11:09	0.0	11:09	0.0	-
11:24	0.0	11:24	0.0	-
11:39	0.0	11:39	0.0	-
11:54	0.0	11:54	0.0	-
12:09	0.0	12:09	0.0	-
12:24	0.0	12:24	0.0	-
12:39	0.0	12:39	0.0	-
12:54	0.0	12:54	0.0	-
13:09	0.0	13:09	0.0	-
13:24	0.0	13:24	0.0	-