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DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

NYSDEC BCP Site No:	C224219	**Date:**	10/21/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas **Visitors:** WSP – Monica Pula	**Personnel On-Site:** Geo-Solutions Inc.- Subcontractor **Time On-Site:** 07:00 – 15:00

Work Activities Performed:

- GSI power washed equipment.
- Housekeeping included sweeping the site and cleaning equipment.
- Vektor and WSP oversaw GSI implement soil management practices for ISS spoils (covering of stockpiles with poly-sheeting) and documented site conditions upon the end of the shift.

Community Air Monitoring Program (CAMP)

An Upwind and Downwind CAMP stations were placed within the perimeters of the Site during drilling 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: 1.7 ppm Dust: 0.0615 mg/m^3

Highest Levels:
PID: 2.3 ppm Dust: 0.0796 mg/m^3

- 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.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.

Problems Encountered

- None.

Planned Activities for the Next Day

- None.

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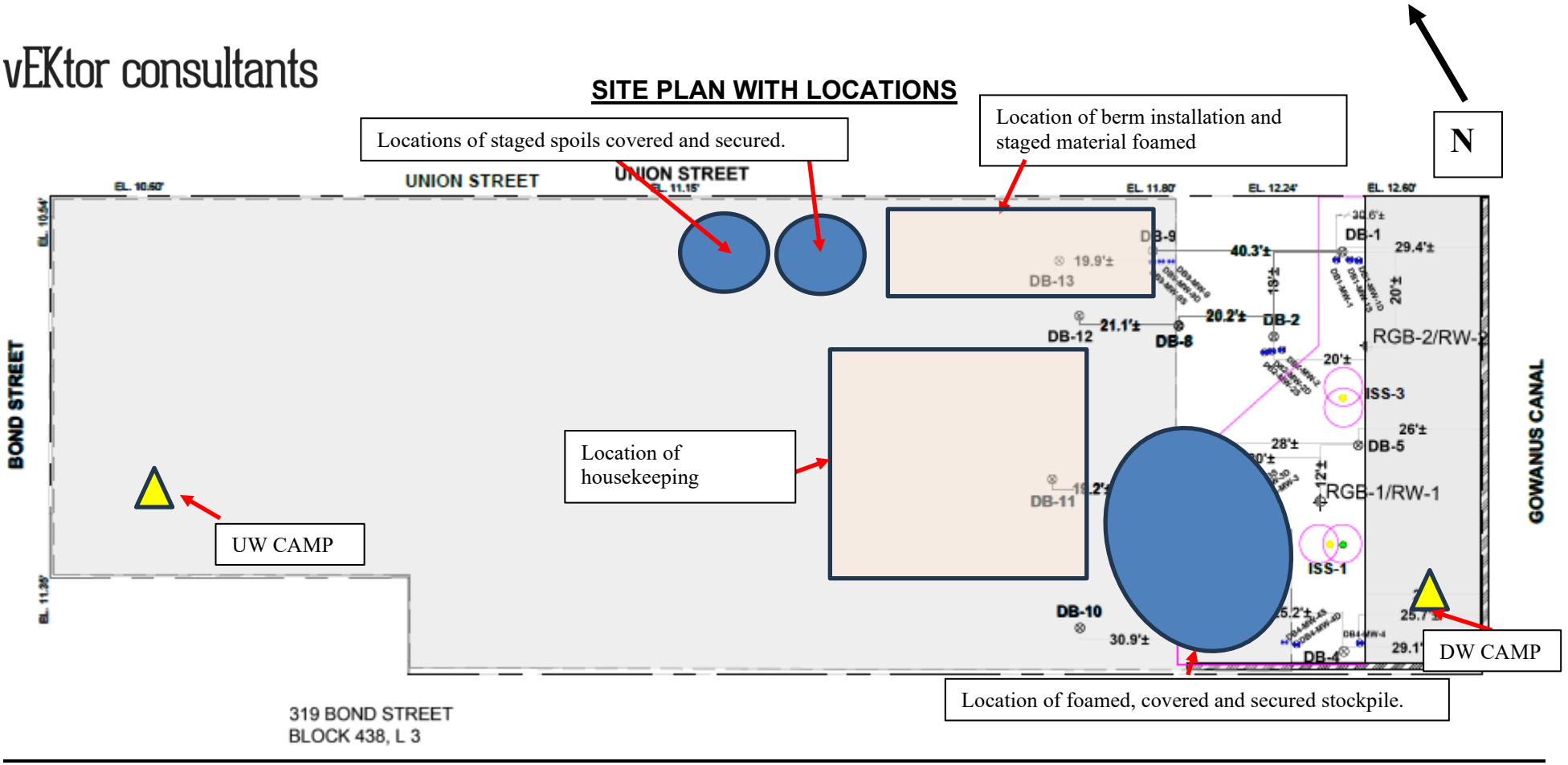
SITE PLAN WITH LOCATIONS



319 BOND STREET
BLOCK 438, L 3

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ISS Location Plan

vEKtor consultants
t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

- 10' ISS COLUMN LOCATIONS
- CORE LOCATIONS

Notes:

1. All feature locations are approximate
2. ISS-2S (B3) 9/03/2024
   ISS-2C (B3/B4) 9/03/2024
   ISS-3C (E6/E7) 9/03/2024 and 9/27/2024
   ISS-4C (C1/C2) 10/08/2024
   ISS-5C (C2/D2) 10/09/2024
   ISS-6C (B5/B6) 10/10/2024
   ISS-7C (E9/E10) 10/11/2024
   ISS-8C (C2/D3) 10/16/2024
3. All areas (except E6 and E7) are entirely 9% design mix. Areas E6 and E7 are with the 12% mix.

Scale:	AS SHOWN
Figure No.	8
Figure Name:	ISS Locations Plan
Report:	Excavation Work Plan
Date:	10/15/24
Drawn By:	KB
Site Address:	450 Union Street Brooklyn, New York

Photo Log

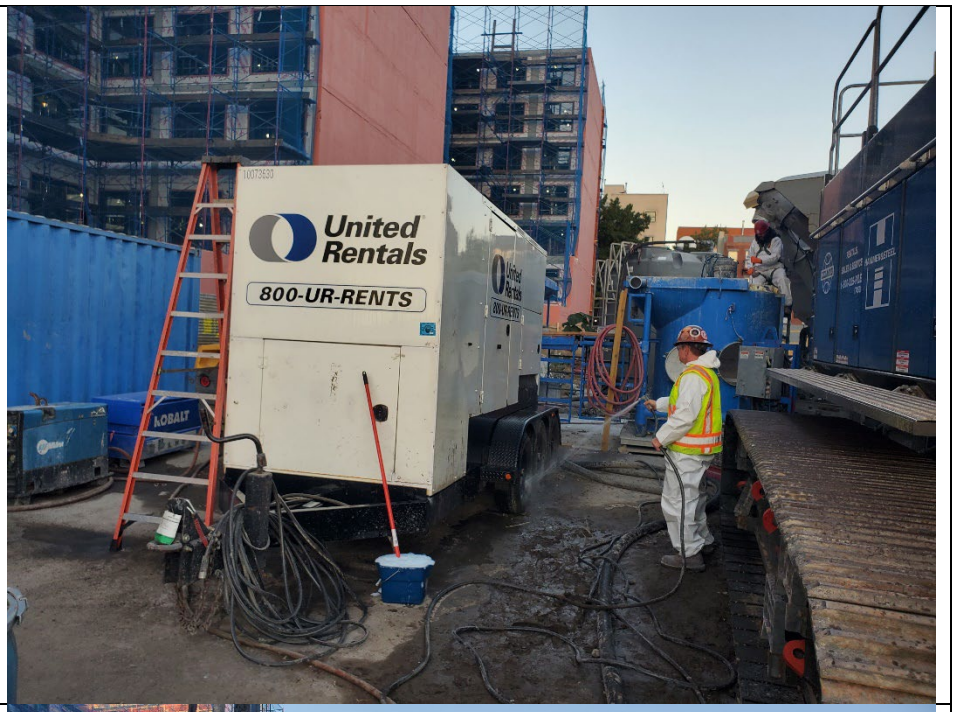
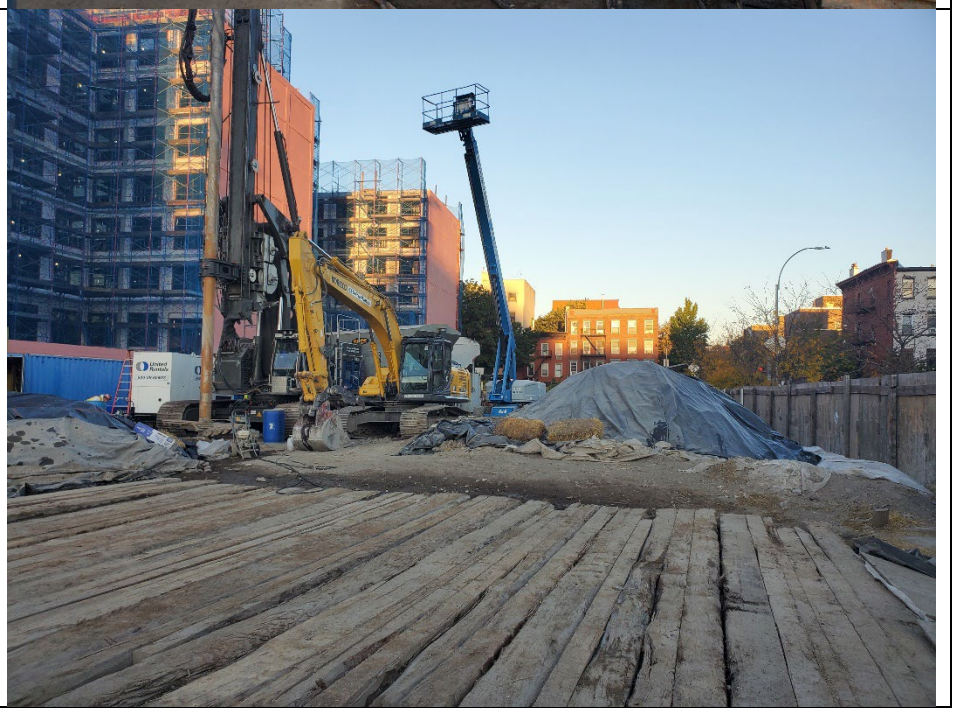
Photo 1: GSI washing equipment, facing west.	
Photo 2: General overview of the site, facing west.	

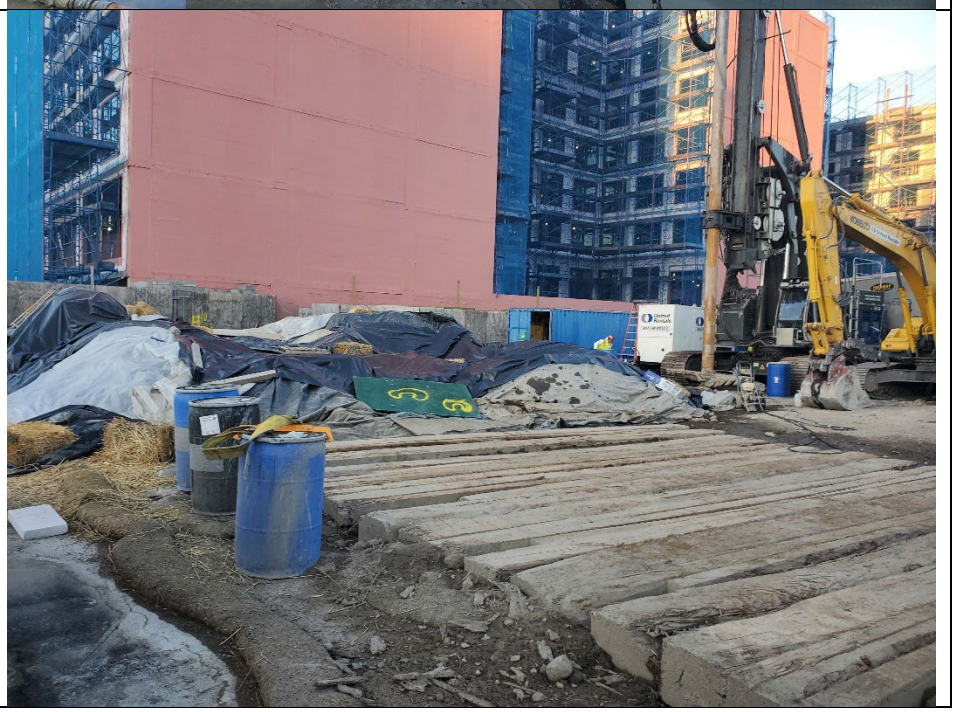
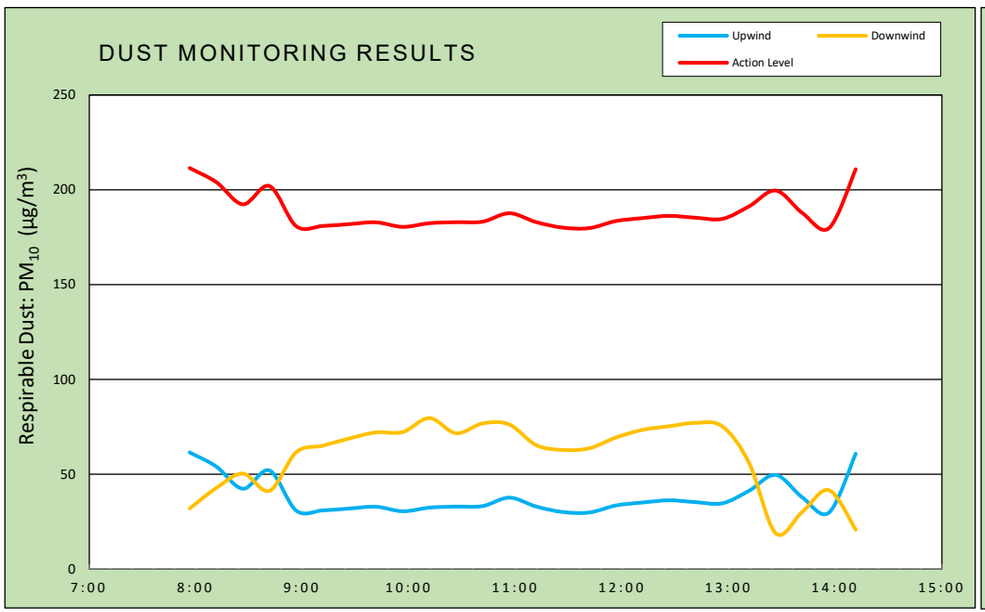
Photo 3: General overview of the site, facing southeast.	
Photo 4: Poly sheeting placed atop of ISS spoils and secured at the end of the day, facing south.	

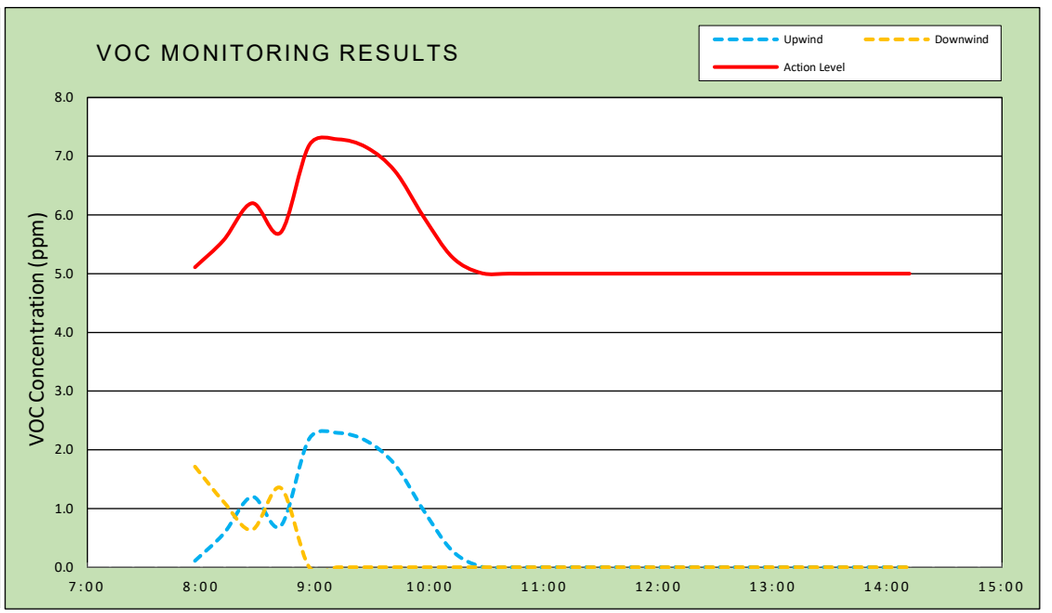
Photo 5: Poly sheeting placed on top of ISS spoils and secured at the end of the day, facing northeast.	

vEKtor consultants	**DAILY AIR MONITORING REPORT** **450 Union Street** **Brooklyn, New York**	**10/21/2024**	
37 W. 37th St, 6th Floor - New York, NY		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m^3
		VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	W	Relative Humidity (%)	30.0 - 73.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	54.0 - 80.0	Wind Speed (MPH)	1.1 - 3.8	Barometer (inHg)	30.20 - 30.30	Avg. Dew Point Temp (°F)	46.0	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	38.4	61.5	7:57	0.5	2.3	9:12
Downwind	58.6	79.6	10:12	0.2	1.7	8:57





Air Monitoring Notes:

Weather Notes:

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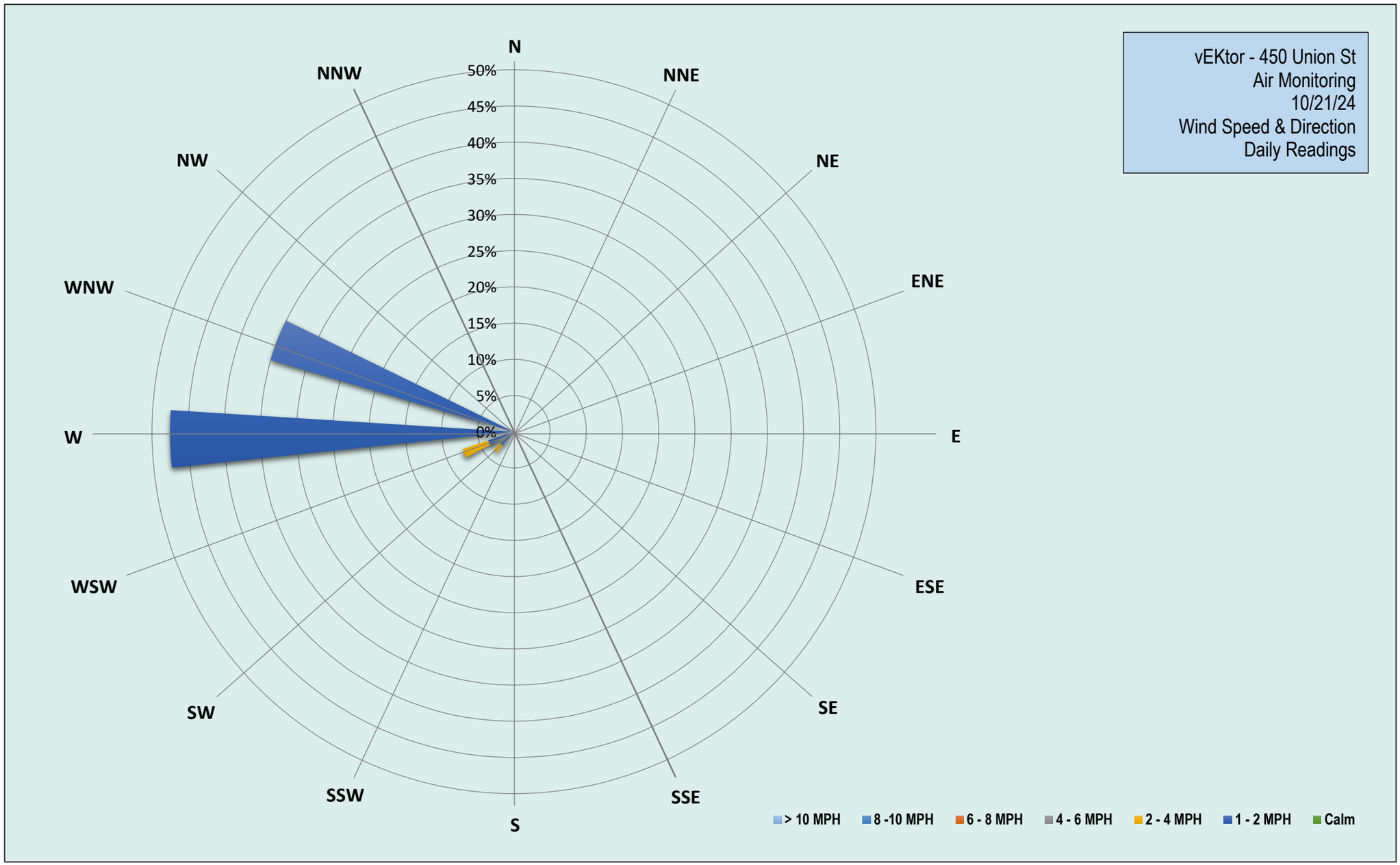
Wind Rose



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Monday, October 21, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				26
Start Time:				7:57
End Time:				14:12
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
7:57	61.5	7:57	31.9	-
8:12	54.0	8:12	42.7	-
8:27	42.3	8:27	50.3	-
8:42	51.9	8:42	41.3	-
8:57	30.8	8:57	61.6	-
9:12	30.9	9:12	65.0	-
9:27	31.9	9:27	68.9	-
9:42	32.8	9:42	72.1	-
9:57	30.4	9:57	72.2	-
10:12	32.4	10:12	79.6	-
10:27	32.9	10:27	71.6	-
10:42	33.2	10:42	76.8	-
10:57	37.6	10:57	76.2	-
11:12	33.0	11:12	65.4	-
11:27	30.1	11:27	62.8	-
11:42	29.8	11:42	63.7	-
11:57	33.5	11:57	69.3	-
12:12	35.1	12:12	73.4	-
12:27	36.2	12:27	75.3	-
12:42	35.3	12:42	77.1	-
12:57	34.7	12:57	75.1	-
13:12	41.3	13:12	55.9	-
13:27	49.6	13:27	18.8	-
13:42	37.7	13:42	30.2	-
13:57	29.8	13:57	41.5	-
14:12	60.8	14:12	20.7	-

Monday, October 21, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:57
End Time:				14:12
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:57	0.1	7:57	1.7	-
8:12	0.6	8:12	1.1	-
8:27	1.2	8:27	0.6	-
8:42	0.7	8:42	1.4	-
8:57	2.2	8:57	0.0	-
9:12	2.3	9:12	0.0	-
9:27	2.2	9:27	0.0	-
9:42	1.7	9:42	0.0	-
9:57	1.0	9:57	0.0	-
10:12	0.3	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	-
13:12	0.0	13:12	0.0	-
13:27	0.0	13:27	0.0	-
13:42	0.0	13:42	0.0	-
13:57	0.0	13:57	0.0	-
14:12	0.0	14:12	0.0	-