

## 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	

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	10/31/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas  <b>Visitors:</b> WSP – Chris Disclafani	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor  <b>Time On-Site:</b> 07:00 – 15:00
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### Work Activities Performed:

- Housekeeping included sweeping the site and cleaning equipment.
- Vektor and WSP oversaw GSI implement soil management practices for ISS spoils (foam deodorizing and covering of stockpiles with poly-sheeting) and documented site conditions upon the end of the shift.
- GSI exported 12 loads of non-hazardous soil to the Fairless Landfill in Morrisville, Pennsylvania

### 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: 1.6 ppm      Dust: 0.1043 mg/m<sup>3</sup>

Highest Levels:

PID: 2.2 ppm      Dust: 0.1355 mg/m<sup>3</sup>

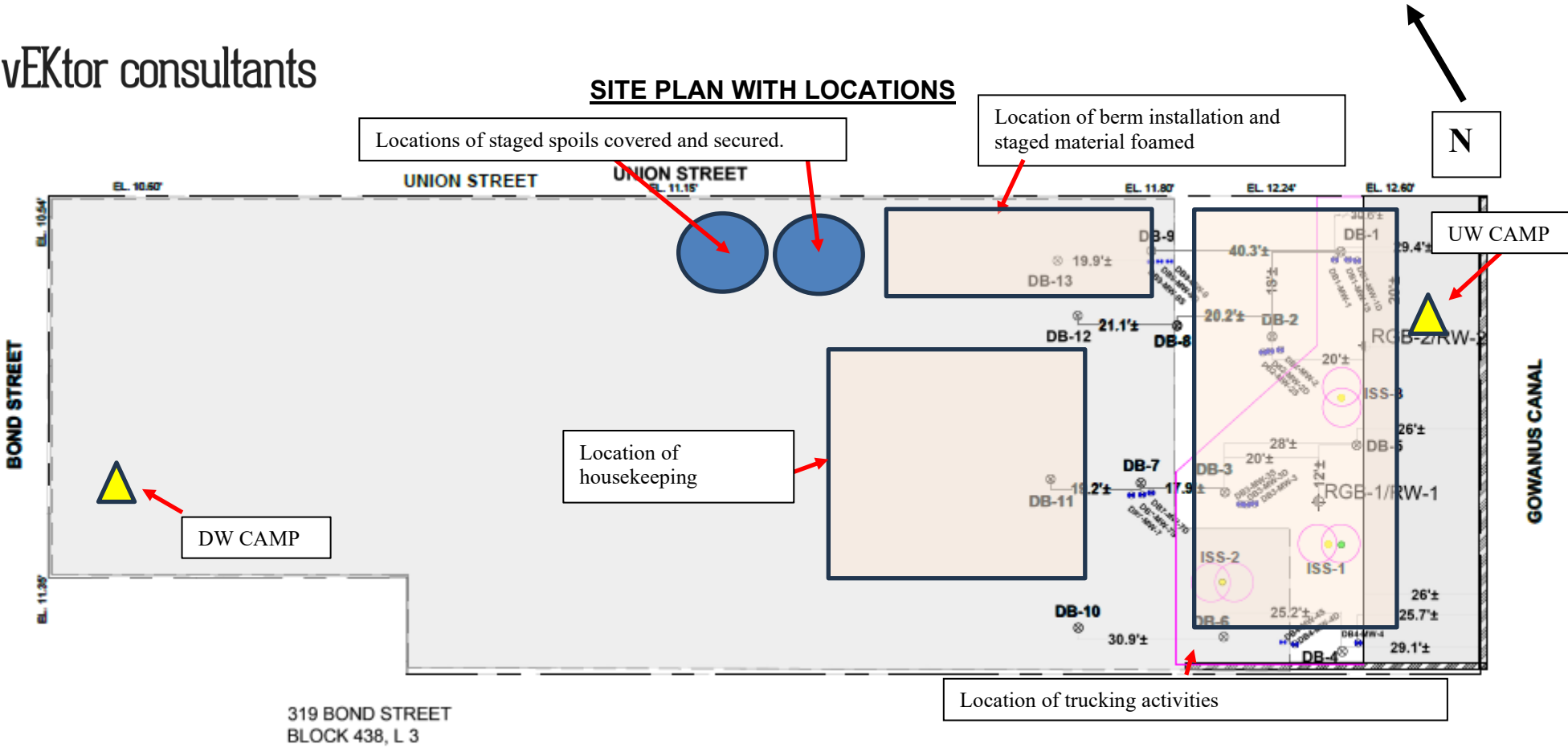
- Upwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530210705, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601281.
- Downwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack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

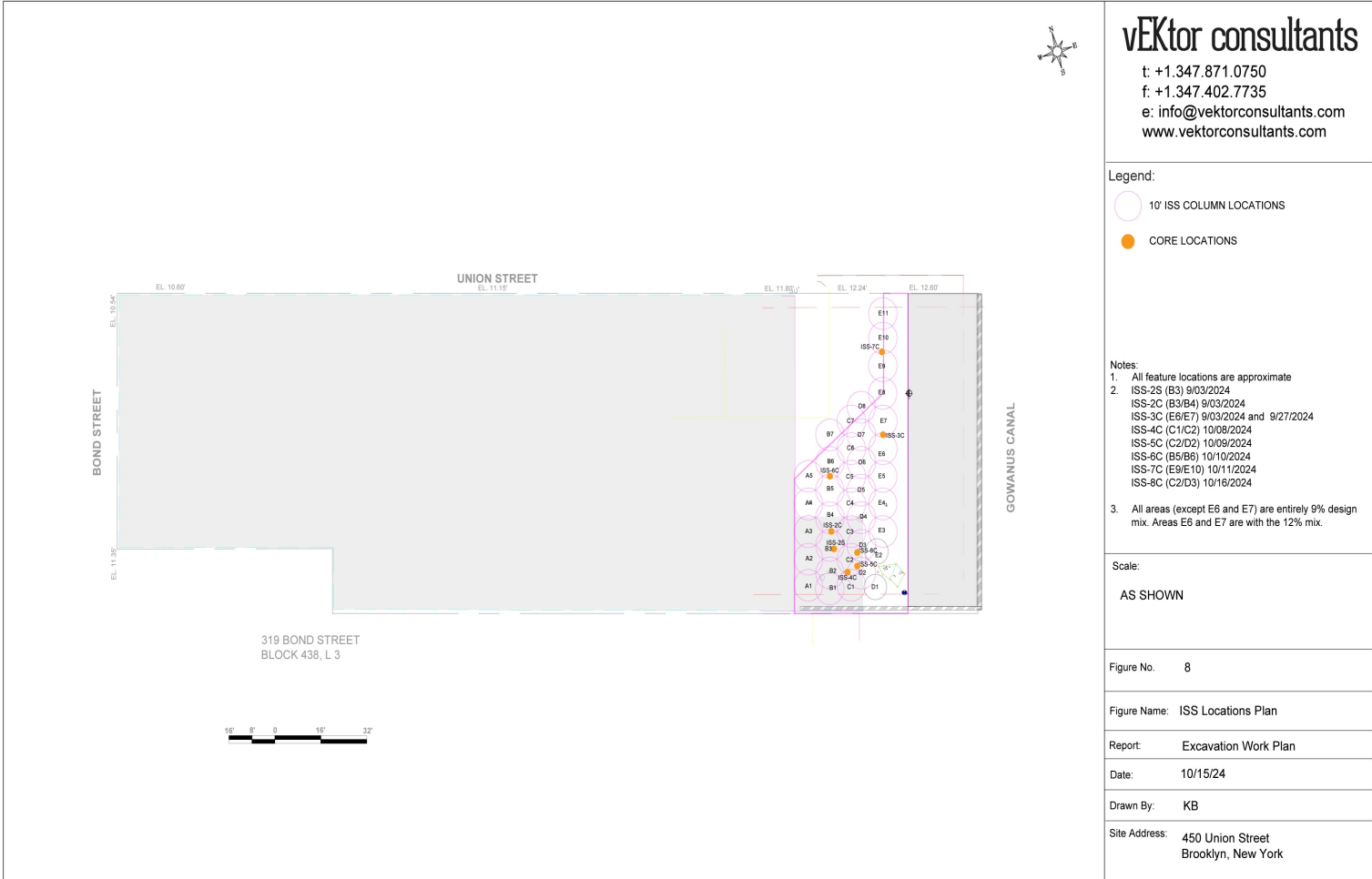
- None.

### Planned Activities for the Next Day

- Export of ISS Swell soil offsite to Fairless Landfill in Morrisville, Pennsylvania



## 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>12</b>	<b>~240</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>22</b>	<b>~440</b>		

## Photo Log

Photo 1:  
View of Site and Upwind CAMP  
station, facing east.



Photo 2:  
Loading of ISS swell material with  
foam suppressant, facing south.





Photo 3:  
View of loading out of soil for export,  
facing southwest.

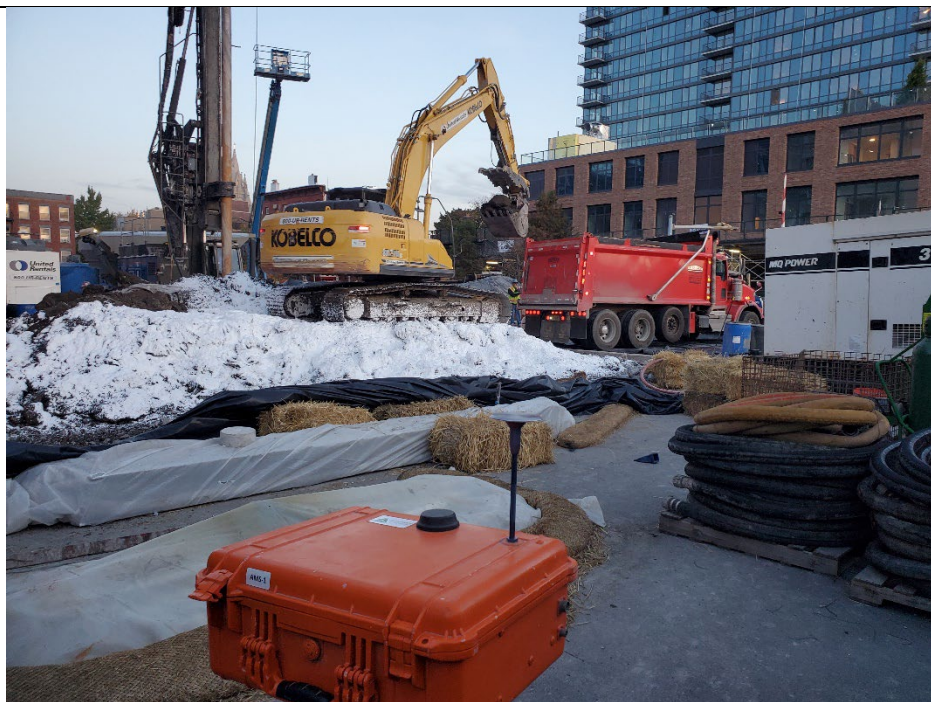


Photo 4:  
GSI dry cleaning trucks on top of  
poly-sheeting, facing west.

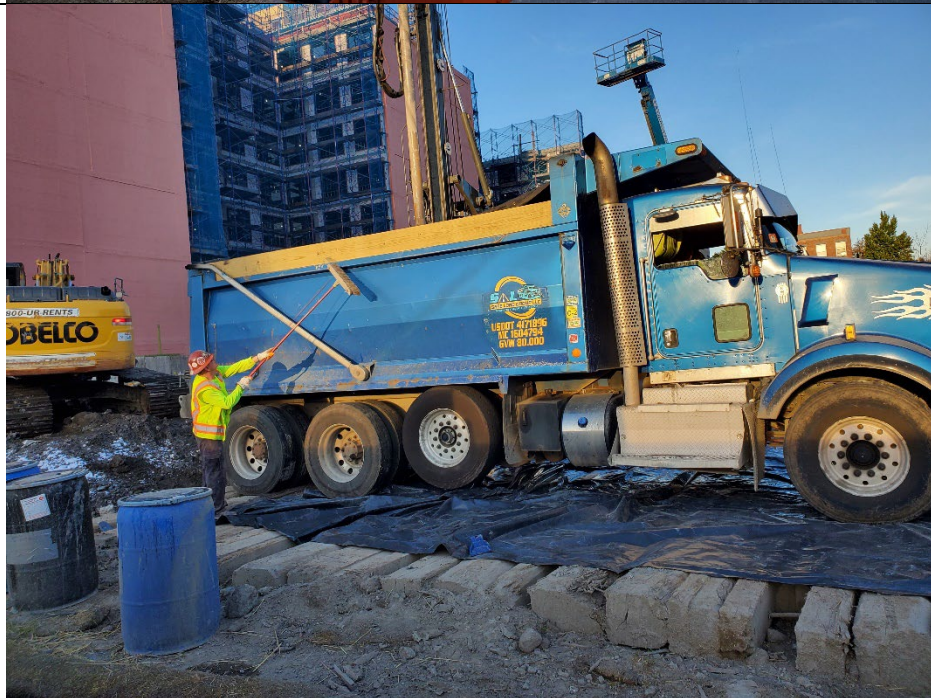


Photo 5:  
Poly sheeting placed atop of  
remaining ISS spoils and secured at  
the end of the day, facing west



### Trucking Log

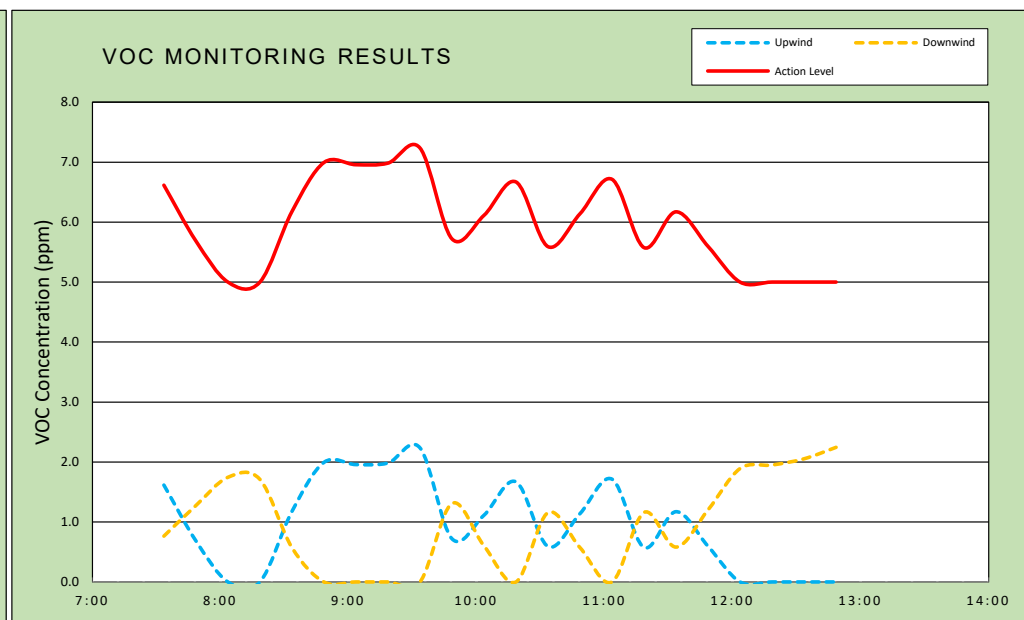
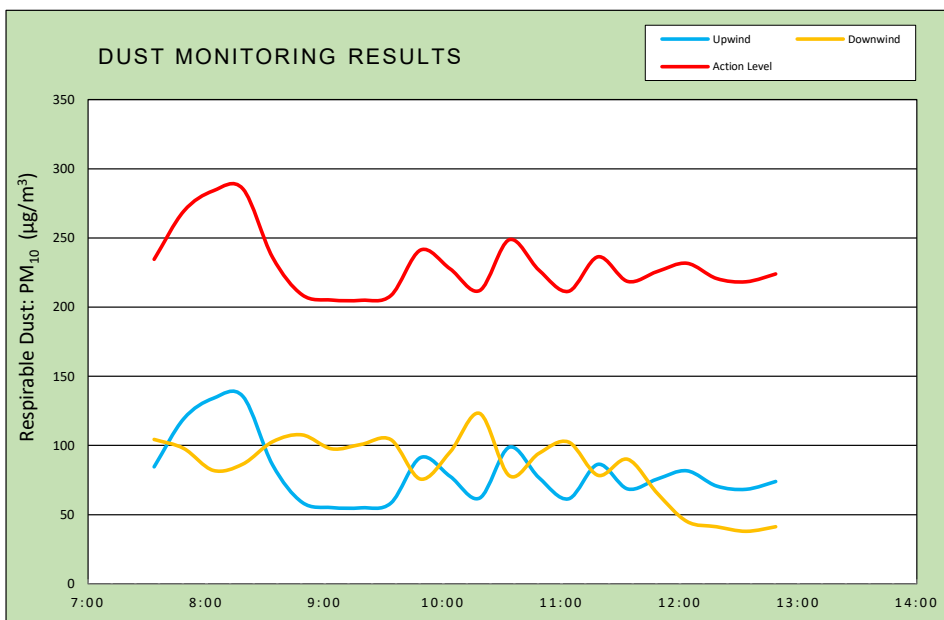
Date	Manifest Number	Truck Company	Truck Number	License Plate	Material	Facility	Volume (cubic yards)
10/31/2024	14166344	Cabrera Trucking LLC	3	AU692P	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166345	Cabrera Trucking LLC	1	AY869L	Non-Hazardous ISS Swell	Mount Materials, Fairless Hills, PA	25
10/31/2024	14166346	Cabrera Trucking LLC	777	AY856K	Non-Hazardous ISS Swell	Mount Materials, Fairless Hills, PA	25
10/31/2024	14166347	Cabrera Trucking LLC	13	AY495T	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166348	Safe Load Group LLC	1	AY607Y	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166349	Cabrera Trucking LLC	10	AY772L	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166350	L Martinez Trucking	8	AY297X	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166351	L Martinez Trucking	11	AY908B	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166352	Cabrera Trucking LLC	2	AY183C	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166353	Cabrera Trucking LLC	8	AU514L	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166354	Ivan Trucking	46	AX955P	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25
10/31/2024	14166355	Naranjo Transport	7	AY215L	Non-Hazardous ISS Swell	Fairless Landfill, Morrisville, PA	25



vEktor consultants	<b>DAILY AIR MONITORING REPORT</b> <b>450 Union Street</b> <b>Brooklyn, New York</b>					10/31/2024	
						Rev. No. 0	Page 1 of 2
						Project Number:	
						Dust Action Level	150 $\mu\text{g}/\text{m}^3$
37 W. 37th St, 6th Floor - New York, NY						VOC Action Level	5 ppm

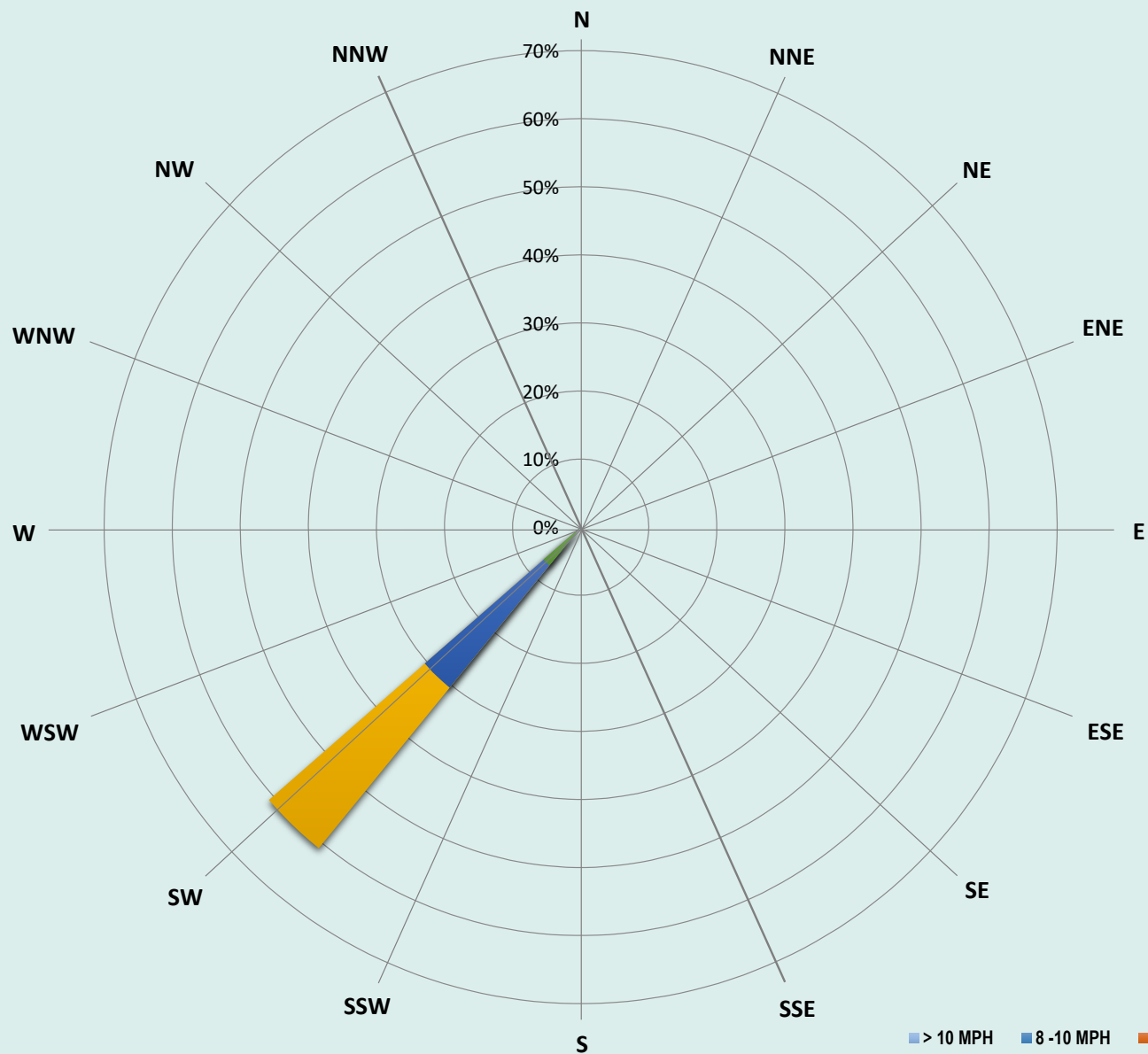
Weather Data Range for Work Day		Wind Direction	SW	Relative Humidity (%)	55.0 - 94.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	58.0 - 75.0	Wind Speed (MPH)	0.7 - 8.6	Barometer (inHg)	30.10 - 30.20	Avg. Dew Point Temp (°F)	58.9	

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	80.6	135.5	8:19	0.9	2.2	9:34
Downwind	82.4	123.1	10:19	1.0	2.2	8:49



**Air Monitoring Notes:**

**Weather Notes:**



vEKtor - 450 Union St  
Air Monitoring  
10/31/24  
Wind Speed & Direction  
Daily Readings

Thursday, October 31, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				22
Start Time:				7:34
End Time:				12:49
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> )	
7:34	84.5	7:34	104.3	-
7:49	119.3	7:49	97.8	-
8:04	134.1	8:04	81.9	-
8:19	135.5	8:19	86.6	-
8:34	86.0	8:34	102.7	-
8:49	58.9	8:49	107.6	-
9:04	55.1	9:04	97.6	-
9:19	54.9	9:19	100.8	-
9:34	58.4	9:34	104.2	-
9:49	91.2	9:49	75.7	-
10:04	77.7	10:04	95.3	-
10:19	62.0	10:19	123.1	-
10:34	98.7	10:34	78.1	-
10:49	76.7	10:49	94.3	-
11:04	61.4	11:04	102.5	-
11:19	86.4	11:19	78.4	-
11:34	68.6	11:34	90.0	-
11:49	75.7	11:49	65.4	-
12:04	81.7	12:04	45.1	-
12:19	70.7	12:19	41.2	-
12:34	68.3	12:34	37.9	-
12:49	74.0	12:49	41.3	-

Thursday, October 31, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:34
End Time:				12:49
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:34	1.6	7:34	0.8	-
7:49	0.7	7:49	1.3	-
8:04	0.0	8:04	1.7	-
8:19	0.0	8:19	1.7	-
8:34	1.2	8:34	0.6	-
8:49	2.0	8:49	0.0	-
9:04	2.0	9:04	0.0	-
9:19	2.0	9:19	0.0	-
9:34	2.2	9:34	0.0	-
9:49	0.7	9:49	1.3	-
10:04	1.1	10:04	0.6	-
10:19	1.7	10:19	0.0	-
10:34	0.6	10:34	1.2	-
10:49	1.1	10:49	0.6	-
11:04	1.7	11:04	0.0	-
11:19	0.6	11:19	1.2	-
11:34	1.2	11:34	0.6	-
11:49	0.6	11:49	1.2	-
12:04	0.0	12:04	1.9	-
12:19	0.0	12:19	1.9	-
12:34	0.0	12:34	2.1	-
12:49	0.0	12:49	2.2	-