

## DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	10/15/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

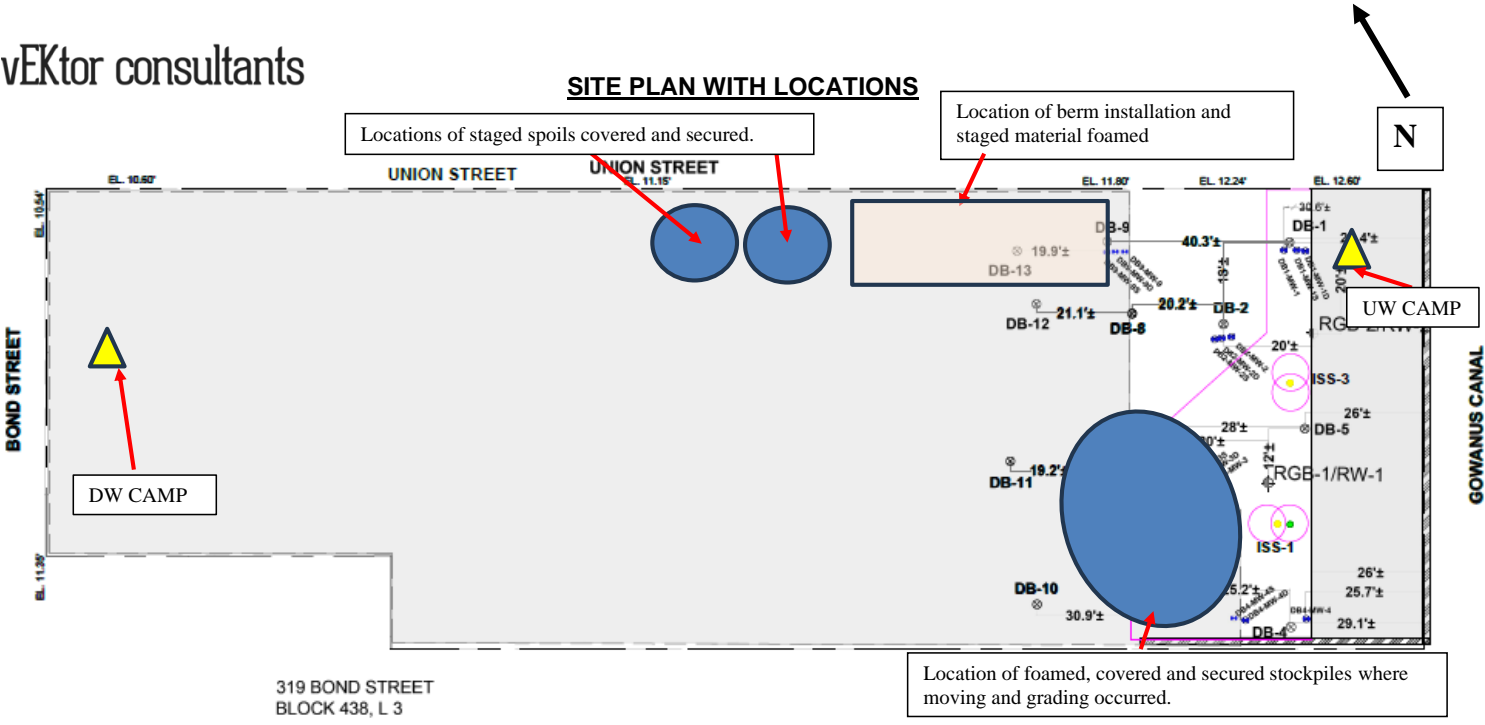
<b>Consultant:</b> Vektor Consultants – Dominick Basilone  <b>Visitors:</b> WSP – Monica Pula	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor  <b>Time On-Site:</b> 07:00 – 15:00
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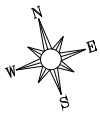
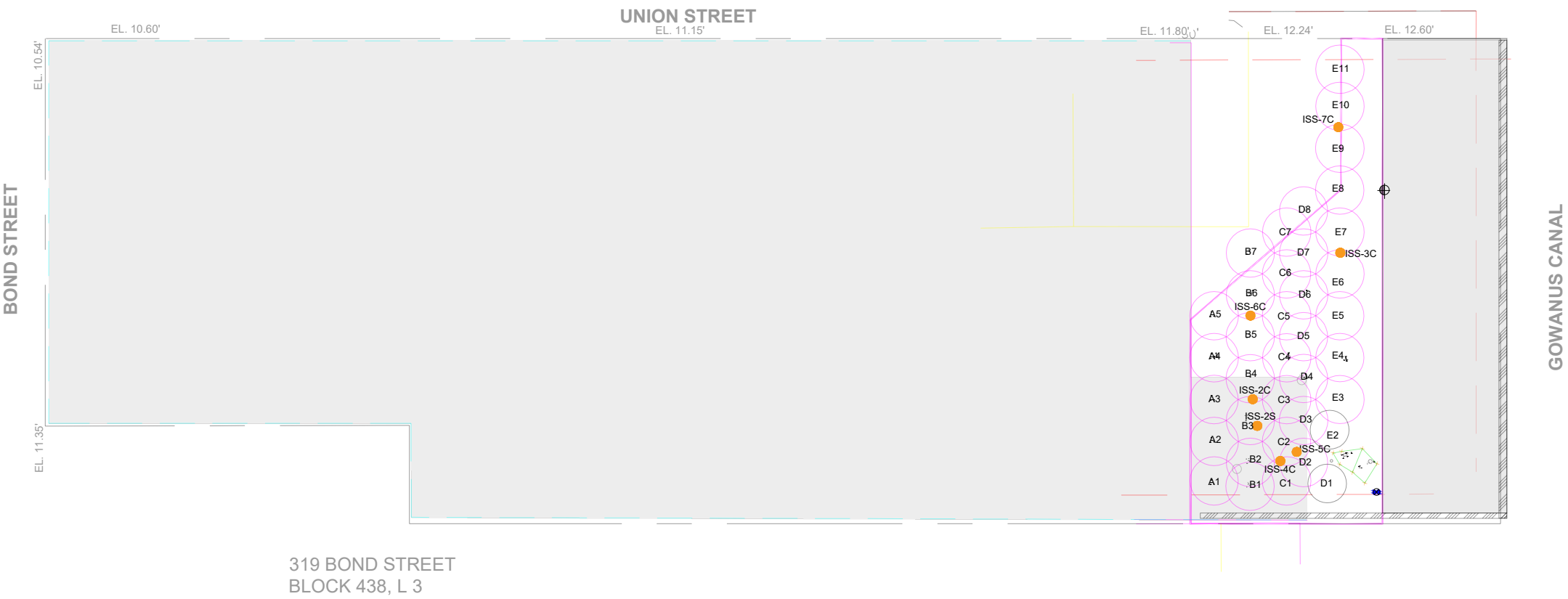
<b>Work Activities Performed:</b> <ul style="list-style-type: none"> <li>GSI filled cores ISS-4C, ISS-5C, ISS-6C, and ISS-7C with grout.</li> <li>GSI continued general housekeeping and shaping of ISS spoils on top of ISS area in preparation for coring at ISS-8C (overlap of columns C2 and D3). Housekeeping included sweeping the site and cleaning equipment.</li> <li>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.</li> </ul>
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<b>Community Air Monitoring Program (CAMP)</b>  An Upwind and Downwind CAMP stations were placed within the perimeters of the Site during drilling activities. The Upwind CAMP station was in the east of the Site and the Downwind CAMP station was in the west portion of the Site as the wind was consistently coming from the east.  Background Levels (Initial Readings at Start of Day): PID: 0.0 ppm      Dust: 0.0077 mg/m <sup>3</sup>  Highest Levels: PID: 0.4 ppm      Dust: 0.0777 mg/m <sup>3</sup>  <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.</li> </ul>
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<b>Problems Encountered</b> <ul style="list-style-type: none"> <li>None.</li> </ul>
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<b>Planned Activities for the Next Day</b> <ul style="list-style-type: none"> <li>None.</li> </ul>
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Legend:

- 10' ISS COLUMN LOCATIONS
- CORE LOCATIONS

Notes:

- All feature locations are approximate
- 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
- 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:  
View of GSI filling ISS-4C, facing  
Southwest.



Photo 2:  
Moving and grading stockpile while  
applying foam deodorizer





Photo 3:  
Exposed ISS Spoils in ISS area  
covered in foam deodorizer. View  
facing southwest



Photo 4:  
GSI filling ISS-5C with cement



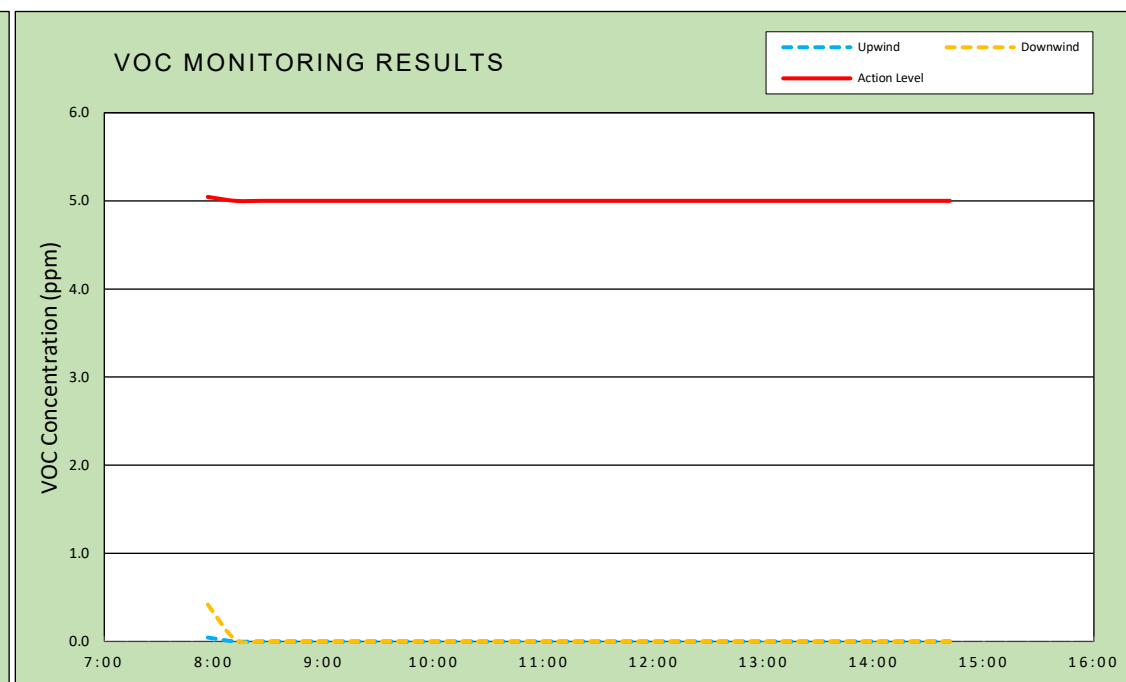
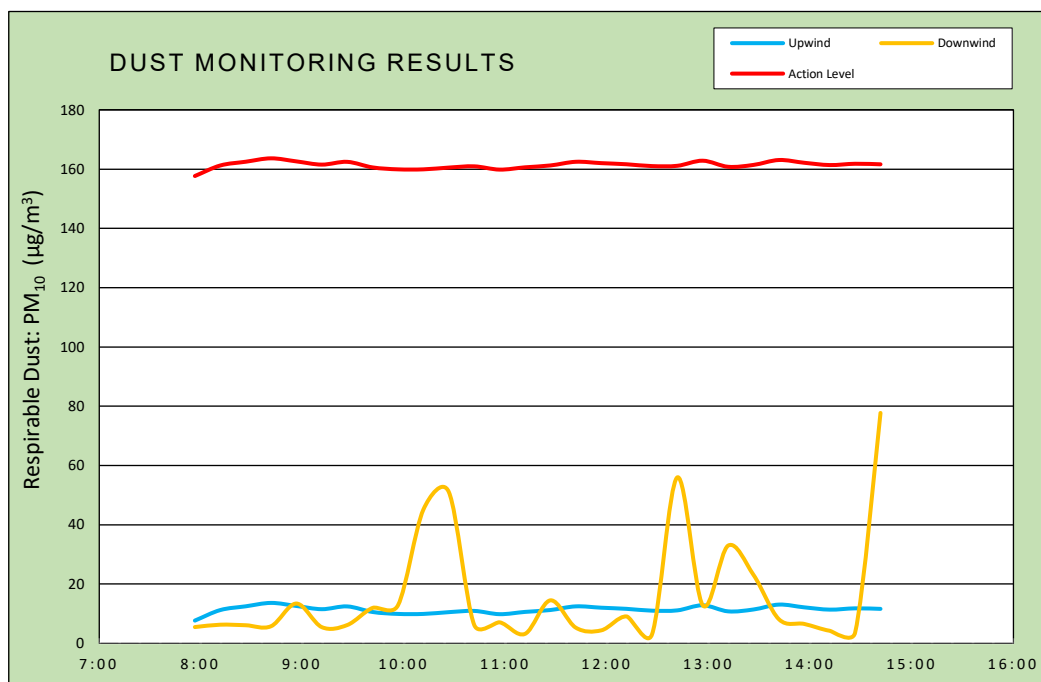
Photo 6:  
Poly sheeting placed atop of ISS  
spoils and secured at the end of the  
day, facing south.



vEktor consultants	<b>DAILY AIR MONITORING REPORT</b> <b>450 Union Street</b> <b>Brooklyn, New York</b>					10/15/2024	
						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	WNW	Relative Humidity (%)	35.0 - 74.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	45.0 - 58.0	Wind Speed (MPH)	3.0 - 10.8	Barometer (inHg)	29.90 - 29.90	Avg. Dew Point Temp (°F)	36.9	

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	11.4	13.6	8:42	0.0	0.0	7:57
Downwind	16.0	77.7	14:42	0.0	0.4	8:27

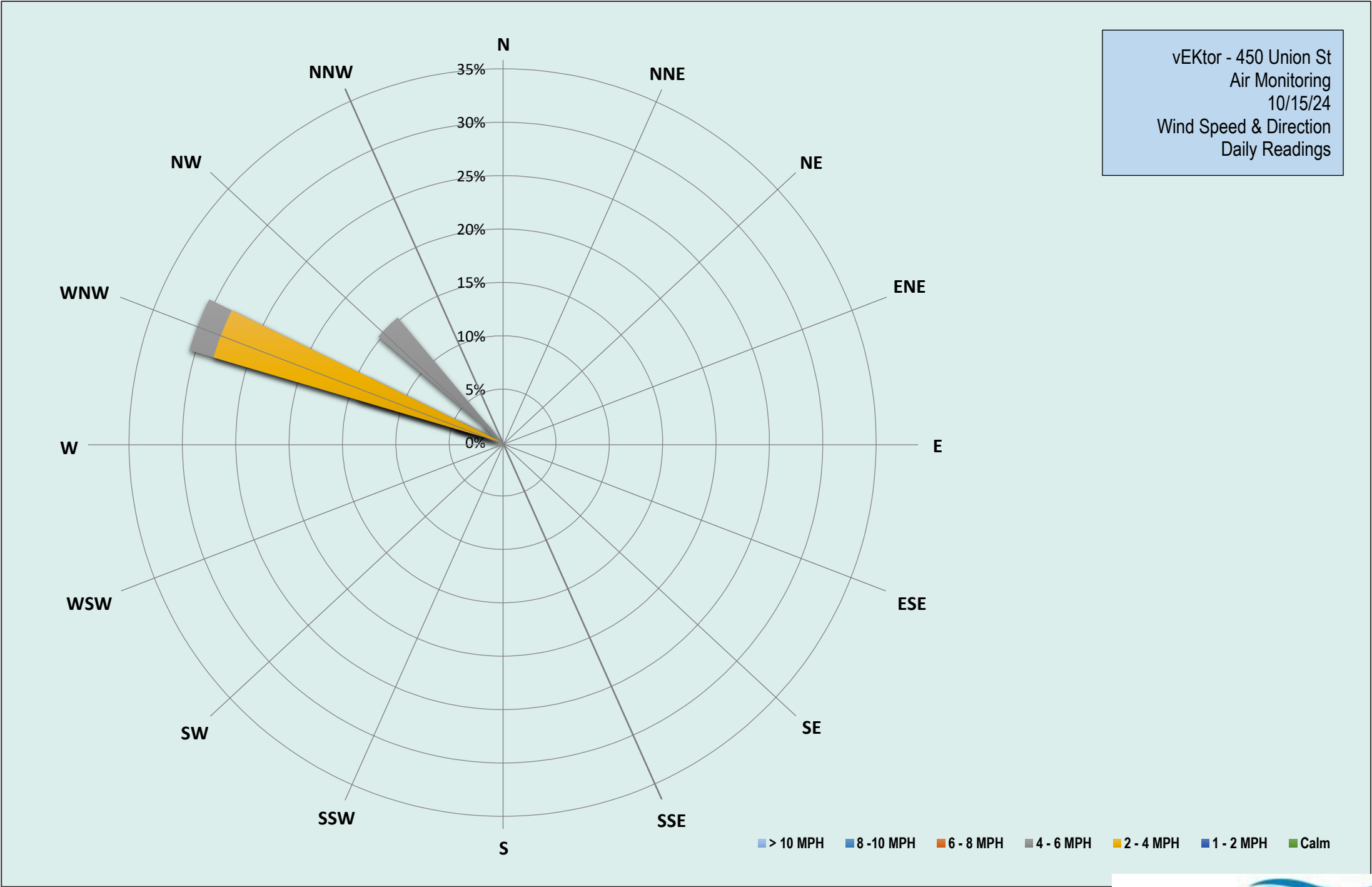


**Air Monitoring Notes:**

**Weather Notes:**



vEKtor - 450 Union St  
Air Monitoring  
10/15/24  
Wind Speed & Direction  
Daily Readings





Tuesday, October 15, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				28
Start Time:				7:57
End Time:				14:42
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> )	
7:57	7.7	7:57	5.5	-
8:12	11.2	8:12	6.3	-
8:27	12.5	8:27	6.1	-
8:42	13.6	8:42	5.8	-
8:57	12.6	8:57	13.4	-
9:12	11.5	9:12	5.5	-
9:27	12.5	9:27	6.2	-
9:42	10.6	9:42	12.0	-
9:57	9.9	9:57	12.9	-
10:12	9.9	10:12	45.2	-
10:27	10.5	10:27	51.1	-
10:42	10.9	10:42	6.2	-
10:57	9.8	10:57	7.1	-
11:12	10.6	11:12	3.2	-
11:27	11.2	11:27	14.5	-
11:42	12.5	11:42	5.3	-
11:57	12.0	11:57	4.4	-
12:12	11.6	12:12	9.1	-
12:27	11.0	12:27	3.0	-
12:42	11.1	12:42	56.0	-
12:57	12.8	12:57	12.8	-
13:12	10.8	13:12	33.0	-
13:27	11.4	13:27	23.1	-
13:42	13.1	13:42	8.1	-
13:57	12.1	13:57	6.5	-
14:12	11.4	14:12	4.2	-
14:27	11.8	14:27	3.6	-
14:42	11.6	14:42	77.7	-

Tuesday, October 15, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:57
End Time:				14:42
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:57	0.0	7:57	0.4	-
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	-
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	-
14:27	0.0	14:27	0.0	-
14:42	0.0	14:42	0.0	-

<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	10/15/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Tuesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	49
<b>Manager:</b>	Trae Deri	<b>Engineer:</b>	Srujan Prasad	<b>Shift Times:</b>	7:00-17:00

<b>Weather:</b>			
<b>Low:</b>	41	<b>Cloud Cover:</b>	Cloudy
<b>High:</b>	59	<b>Precipitation:</b>	0"
		<b>Wind:</b>	15-20MPH
		<b>Direction:</b>	SE
<b>Description of Work Activities:</b>			
<ul style="list-style-type: none"> <li>- 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel.</li> <li>- 0800 to 1300, GSI filled all the core holes with grout.</li> <li>- 0800 to 1500, GSI performed general maintenance and house keeping.</li>   <li>- 1500, All GSI personnel offsite.</li> </ul>			
<b>Conversation with Client/Inspector:</b>			
<b>Production Delays:</b>			
<b>Safety Topics:</b>			
Discussed: Top Five Reasons to Work Safely Today.			

Rick McKay  
 Foreman/Superintendent

10/15/24  
 Date

<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	10/15/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Tuesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	49
<b>Manager:</b>	Trae Deri	<b>Engineer:</b>	Srujan Prasad	<b>Shift Times:</b>	7:00-17:00
<b>Production:</b>			<b>Completion:</b>		
<b>Today:</b> 0.00 CY 0 Columns			<b>100% Columns</b>		
<b>To-Date:</b> 3,250.07 CY 37 Columns					
<b>Materials Received:</b>					
<b>Material</b>	<b>Unit</b>	<b>Today</b>	<b>Total</b>	<b>Notes</b>	
Slag- Grade 120	Ton	0	367		
Portland Cement - Type 1L	Ton	0	166		
Disposal Trucks	N/A	0	18		
<b>Hours</b>	<b>Equipment</b>	<b>Task</b>	<b>Hours</b>	<b>Employees On Site</b>	<b>Trade</b>
8.0	Offroad Forklift	Material Handling		Trae Deri	PM
8.0	185 Air Compressor	ISS Mixing	8.5	Rick McKay	SUPT
8.0	Conex box(1)	Storage	8.5	Srujan Prasad	ENG
8.0	300kw Generator	Batch Plant		Eric Shannon	DRILL
8.0	Lo-pro silo(2)	Cement Storage	8.0	Miguel Maldonado	LAB
8.0	Flash mixers (2)	Batch Plant	8.0	Daniel Santos	BPO
8.0	Moyno pump(2)	Batch Plant	8.0	Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	8.0	Steven Reda	LAB
8.0	Manlift(1)	Maintenance		Louis Passannante	OP
8.0	Kobelco 210 Excavator	ISS Mixing		Christopher Ramdial	OILER
8.0	250kw Generator	Batch Plant			
<b>88</b>	<b>TOTAL DAY HOURS</b>		<b>49</b>	<b>TOTAL DAY HOURS</b>	

**LEGEND:**

**SUPT**- Superintendent, **PM**- Project Manager, **ENG** - Engineer, **SSHC** - Health & Safety Coordinator, **LAB** - Laborer, **OP** - Operator,  
**BPO** - Batch plant Operator, **OILER** - Oiler, **DRILLER** - Rig Operator

*Rick McKay*

Foreman/Supervisor

10/15/24

Date