

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		>85	

NYSDEC BCP Site No:	C224219	Date:	10/11/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: WSP – Monica Pula NYSDEC – Meghan Medwid	Personnel On-Site: Geo-Solutions Inc.- Subcontractor Craig Geotechnical Drilling Co. Inc.- Subcontractor Time On-Site: 07:00 – 15:00
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Work Activities Performed:

- Craig drilled one confirmation core for visual inspection for the overlapped area between columns E9 and E10 (ISS-7C) with a NQ2 barrel. ISS-7C was drilled down to 40 feet bgs, with sample cores missing from the 0-9 foot interval. Free product was observed within the sand and grout mix at the 19-40 foot intervals. GSI and Craig cleaned the drill rig tracks in the decontamination area prior to demobilization.
- 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 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: 0.2 ppm Dust: 0.0453 mg/m³

Highest Levels:

PID: 0.2 ppm Dust: 0.0637 mg/m³

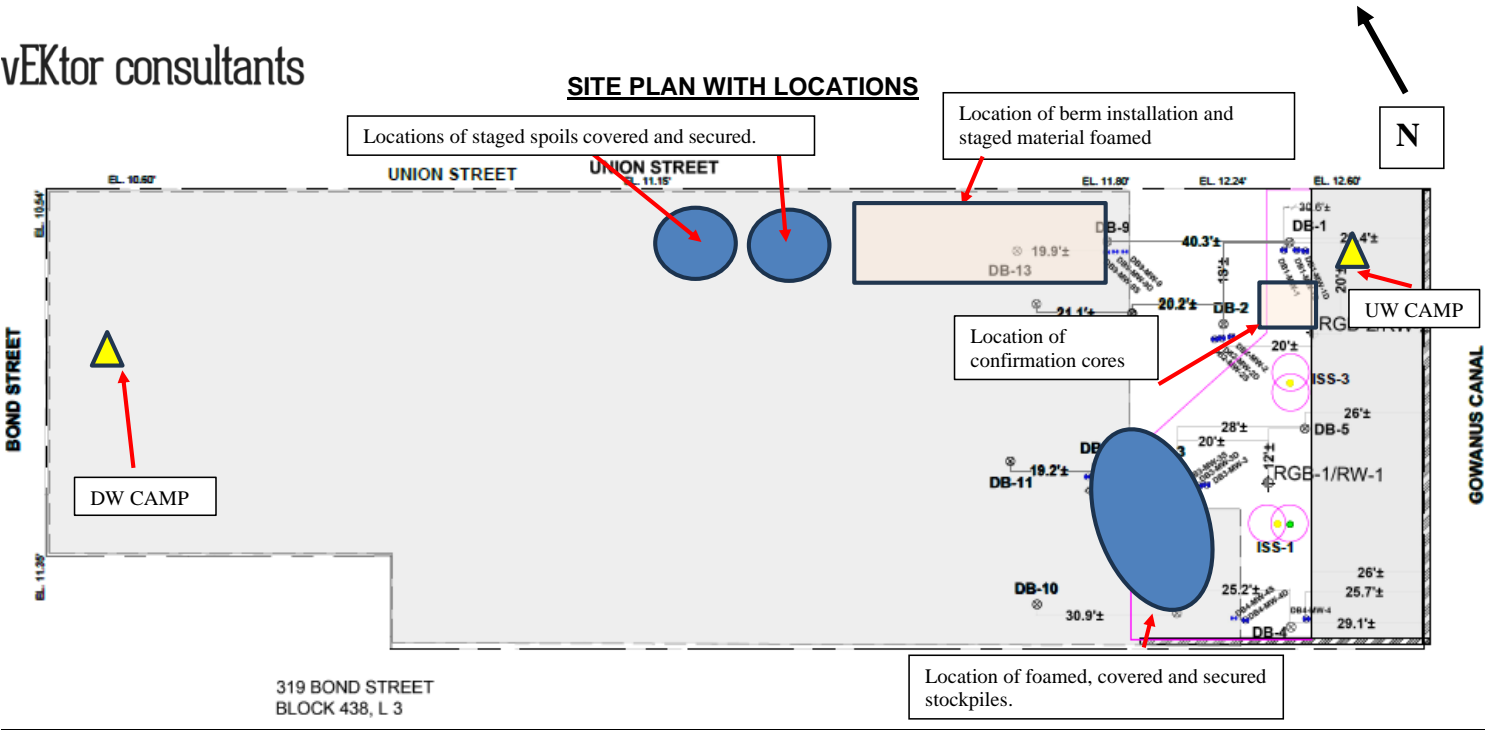
- Upwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530210705, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601281.
- Downwind CAMP was implemented during ISS activities. CAMP equipment consisted of a DustTrack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

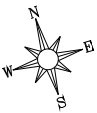
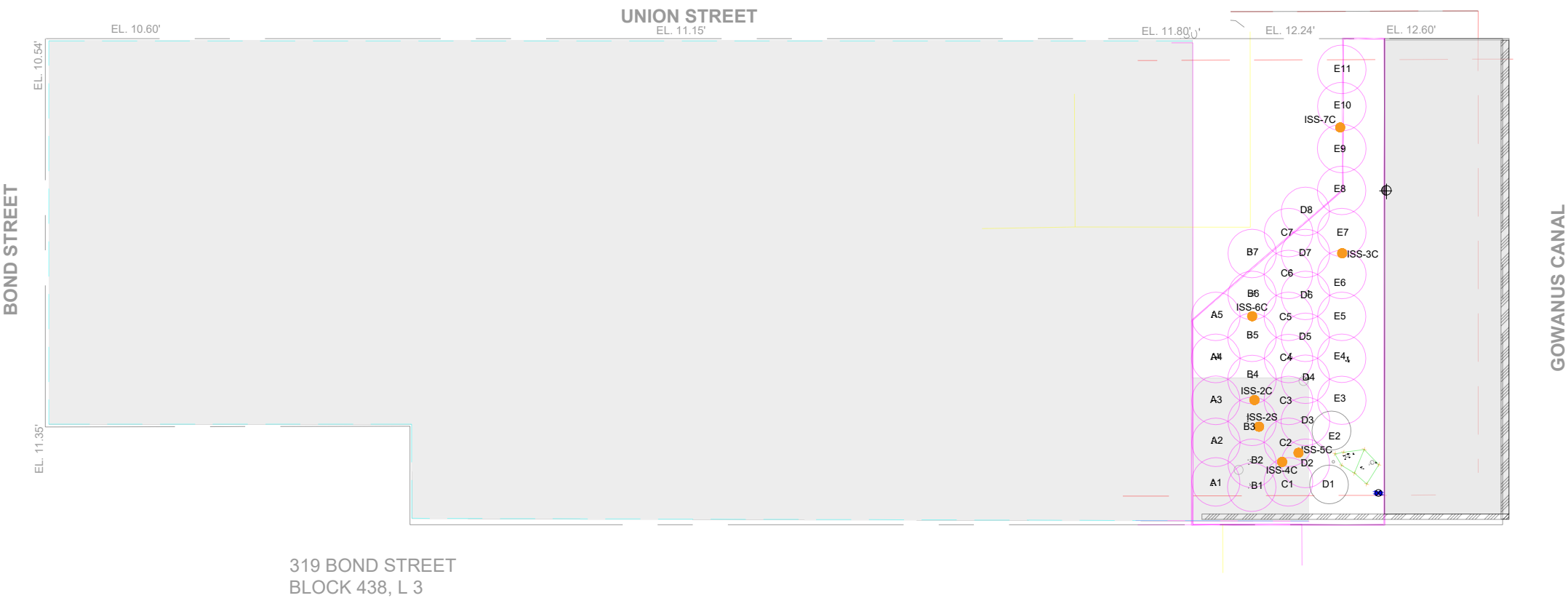
Problems Encountered

- None.

Planned Activities for the Next Day

- None.





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- 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 Craig drilling ISS-7C, facing
west.



Photo 2:
ISS-7C sample core from the 34-37
foot interval.

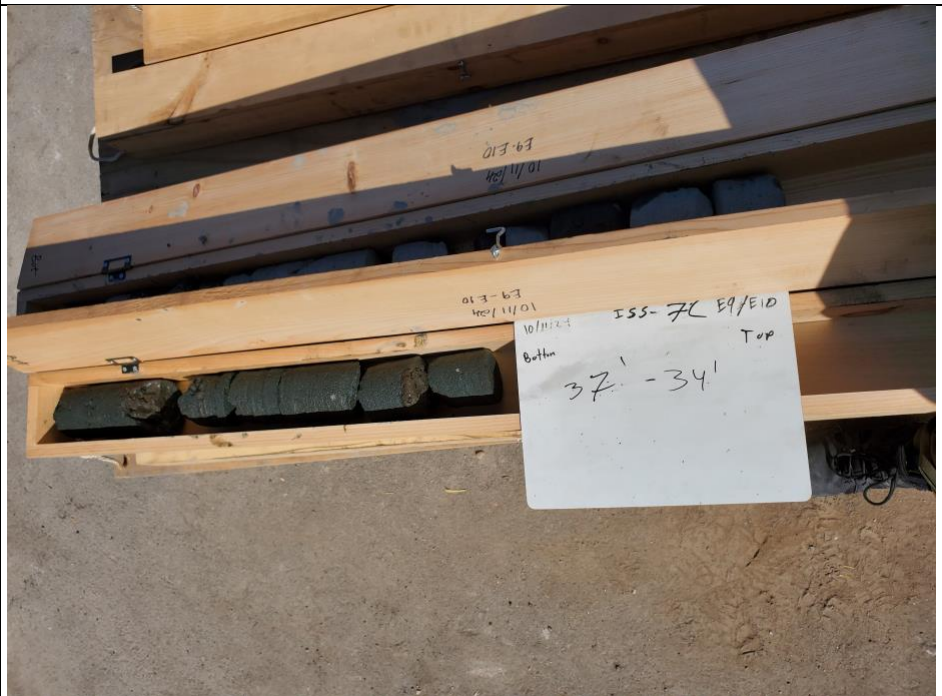


Photo 3:
ISS-7C sample core from the 37-40
foot interval.

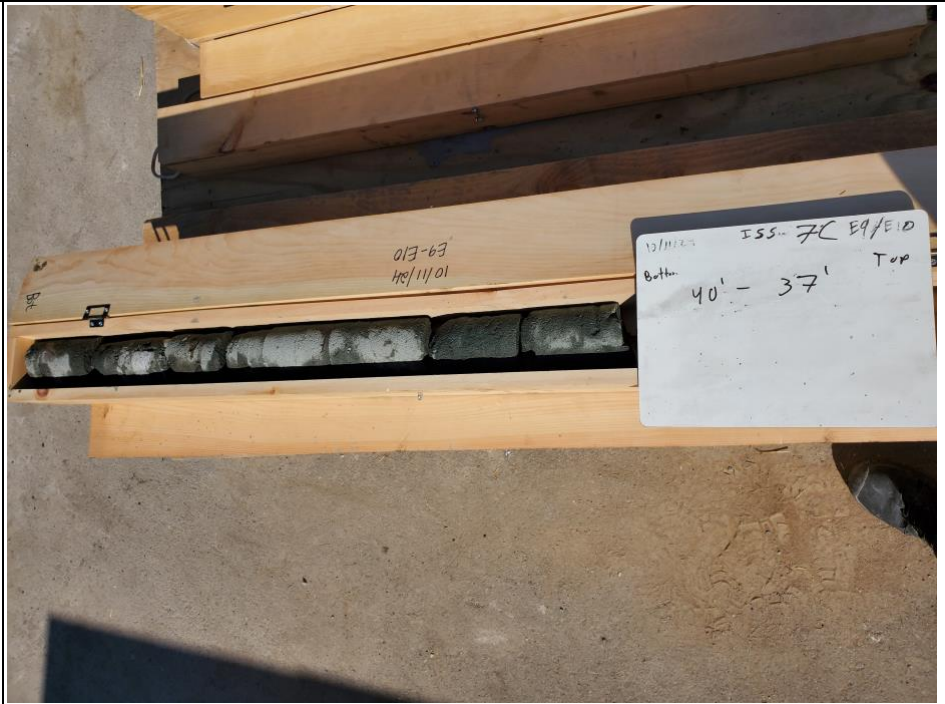


Photo 4:
GSI cleaning the tracks for the drill rig
on top of poly sheeting, view facing
north.

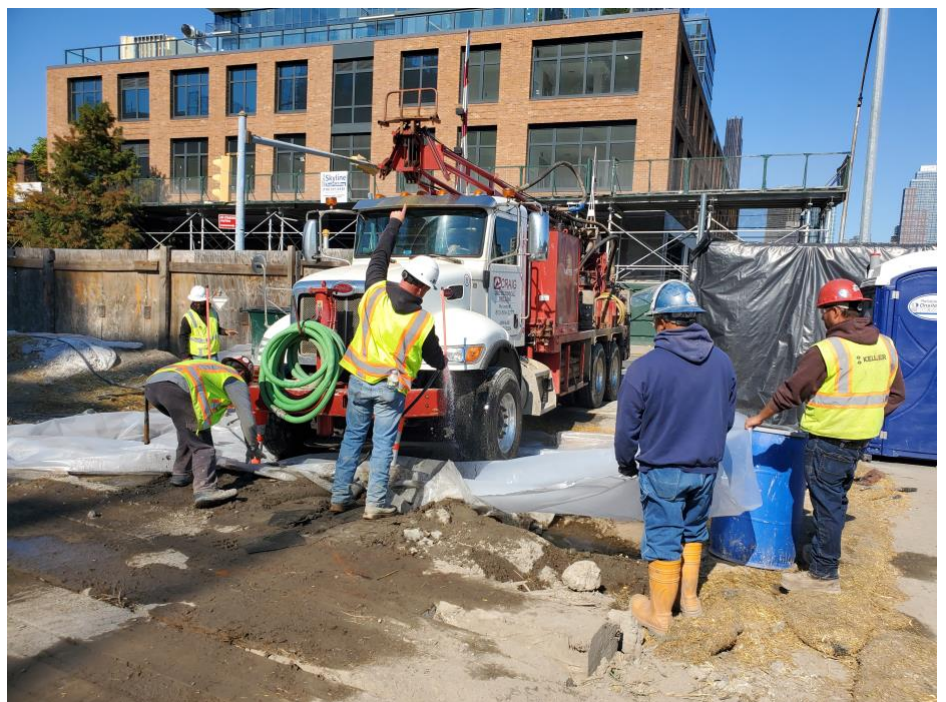


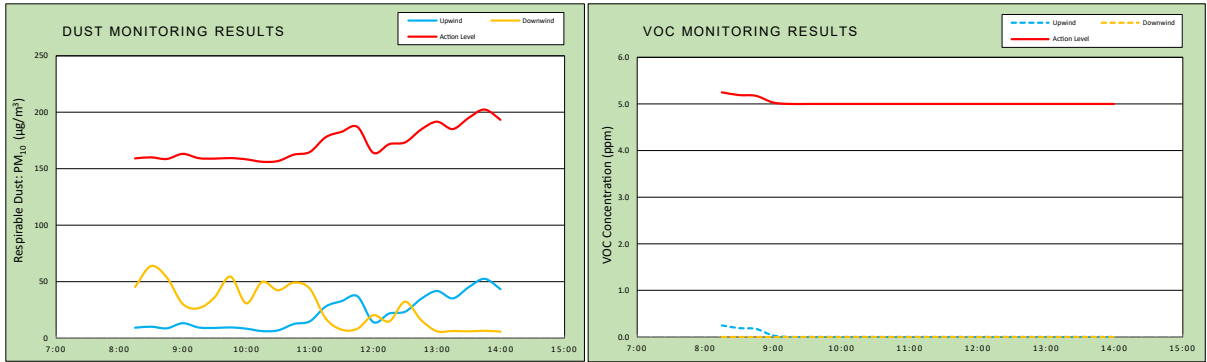
Photo 5:
Poly sheeting placed atop of ISS
spoils and secured at the end of the
day, facing south.



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



vEktor consultants		DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York				10/11/2024	
						Rev. No. 0	Page 1 of 2
37 W. 37th St, 6th Floor - New York, NY		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	W	Relative Humidity (%)	39.0 - 80.0	Daily Rain Total (in)	0.00
Temperature (°F)	49.0 - 68.0	Wind Speed (MPH)	1.3 - 4.6	Barometer (inHg)	30.10 - 30.10	Avg. Dew Point Temp (°F)	43.7
Readings in the summary table and graphs below are the reported downwind concentrations.							
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	23.3	52.4	13:45	0.0	0.2	8:15	
Downwind	27.3	63.7	8:30	0.0	0.0	8:15	



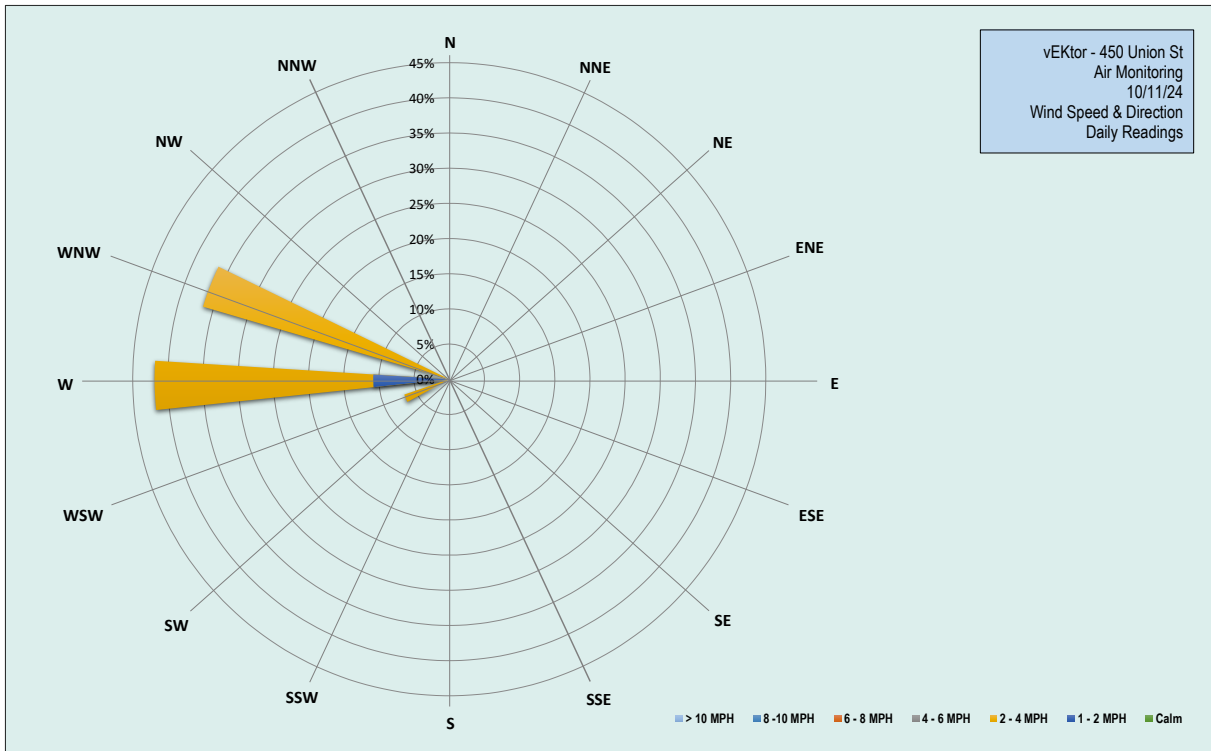
Air Monitoring Notes:

Weather Notes:

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Wind Rose

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Friday, October 11, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				24
Start Time:				8:15
End Time:				14:00
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
8:15	9.1	8:15	45.3	-
8:30	10.1	8:30	63.7	-
8:45	8.6	8:45	53.6	-
9:00	13.2	9:00	30.3	-
9:15	9.4	9:15	26.5	-
9:30	8.9	9:30	36.0	-
9:45	9.4	9:45	54.5	-
10:00	8.3	10:00	30.7	-
10:15	6.2	10:15	49.7	-
10:30	6.8	10:30	42.3	-
10:45	12.5	10:45	49.2	-
11:00	14.8	11:00	43.7	-
11:15	27.9	11:15	17.4	-
11:30	32.7	11:30	7.4	-
11:45	37.0	11:45	8.3	-
12:00	14.1	12:00	20.3	-
12:15	21.8	12:15	14.7	-
12:30	23.3	12:30	32.2	-
12:45	34.7	12:45	16.0	-
13:00	41.7	13:00	6.0	-
13:15	35.1	13:15	6.3	-
13:30	45.1	13:30	5.9	-
13:45	52.4	13:45	6.5	-
14:00	43.3	14:00	5.7	-

Friday, October 11, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:15
End Time:				14:00
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:15	0.2	8:15	0.0	-
8:30	0.2	8:30	0.0	-
8:45	0.2	8:45	0.0	-
9:00	0.0	9:00	0.0	-
9:15	0.0	9:15	0.0	-
9:30	0.0	9:30	0.0	-
9:45	0.0	9:45	0.0	-
10:00	0.0	10:00	0.0	-
10:15	0.0	10:15	0.0	-
10:30	0.0	10:30	0.0	-
10:45	0.0	10:45	0.0	-
11:00	0.0	11:00	0.0	-
11:15	0.0	11:15	0.0	-
11:30	0.0	11:30	0.0	-
11:45	0.0	11:45	0.0	-
12:00	0.0	12:00	0.0	-
12:15	0.0	12:15	0.0	-
12:30	0.0	12:30	0.0	-
12:45	0.0	12:45	0.0	-
13:00	0.0	13:00	0.0	-
13:15	0.0	13:15	0.0	-
13:30	0.0	13:30	0.0	-
13:45	0.0	13:45	0.0	-
14:00	0.0	14:00	0.0	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	10/11/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Friday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	48
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:		
Low: 43	Cloud Cover: Cloudy	Wind: 15-20MPH
High: 57	Precipitation: 0"	Direction: SE
Description of Work Activities:		
<ul style="list-style-type: none"> - 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel. - 0800 to 1300, Craig geotechnical core drilling was on site and began drilling column E9/E10 using PQ barrel down to 40ft bgs. GSI collected core samples at every 5' intervals. - 0800 to 1500, GSI performed general maintenance and house keeping. - 1330 to 1500, GSI foamed all the stockpiled swell materials and also covered them by using poly-lined. - 1500, All GSI personnel offsite. 		
Conversation with Client/Inspector:		
Production Delays:		
Safety Topics:		
Discussed: Housekeeping in the Construction Industry Safety Talk.		

Rick McKay
 Foreman/Superintendent

10/11/24
 Date

Project:	450 Union Remediation	Project No.:	24-071	Date:	10/11/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Friday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	48
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00
Production:			Completion:		
Today:	0.00 CY	0 Columns	100% Columns		
To-Date:	3,250.07 CY	37 Columns			
Materials Received:					
Material	Unit	Today	Total	Notes	
Slag- Grade 120	Ton	0	367		
Portland Cement - Type 1L	Ton	0	166		
Disposal Trucks	N/A	0	18		
Hours	Equipment	Task	Hours	Employees On Site	Trade
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	8.5	Angelo Toscano	PM
88	TOTAL DAY HOURS		58	TOTAL DAY HOURS	

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/Superintendent

10/11/24

Date