

## DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	8/30/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor
<b>Visitors:</b> WSP – Monica Puna	

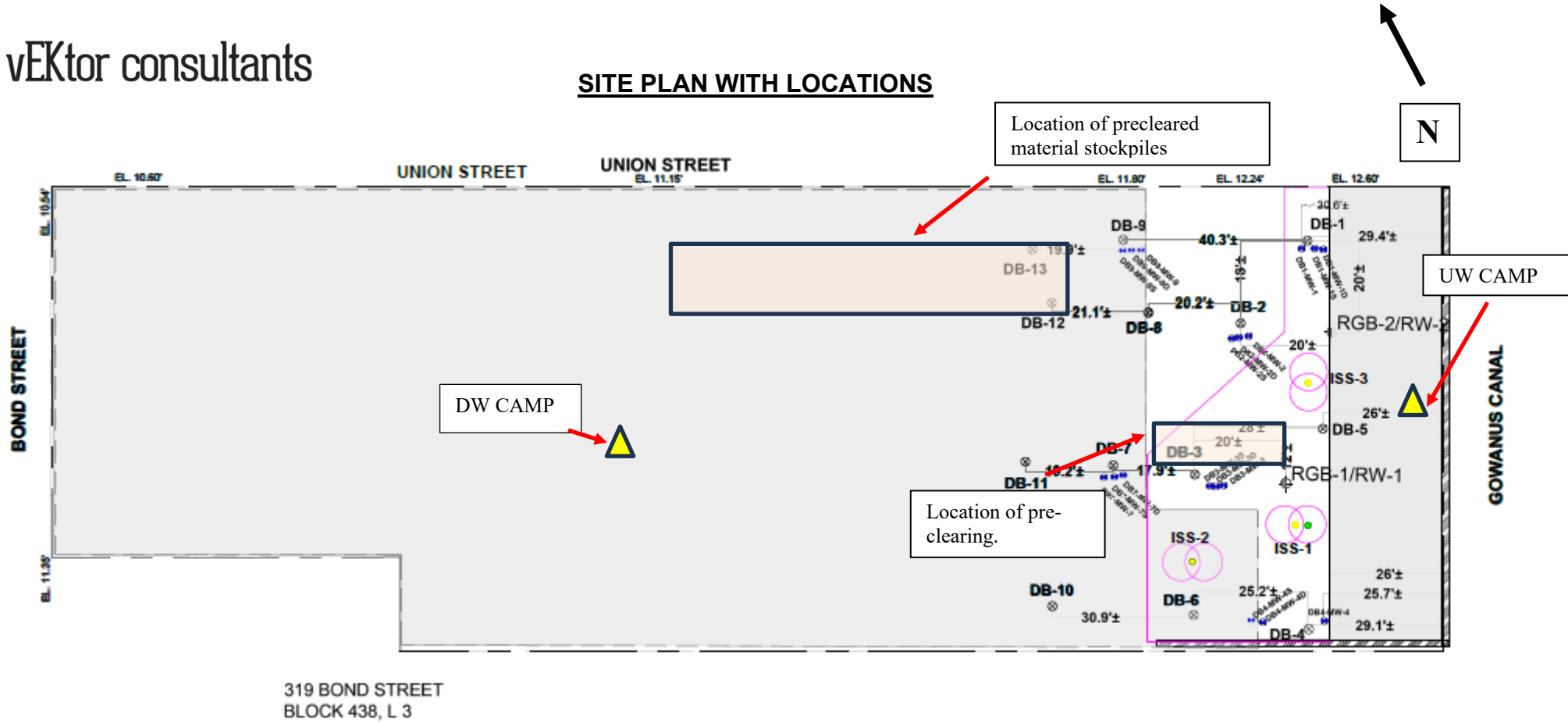
<p><b>Work Activities Performed:</b></p> <ul style="list-style-type: none"> <li>GSI continued pre-clearing ISS locations and preparing the Site for confirmation coring for ISS pilot test locations.</li> </ul>
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<p><b>Community Air Monitoring Program (CAMP)</b></p> <p>An Upwind and Downwind CAMP stations were placed within the perimeters of the Site during drilling activities. The Upwind CAMP station was in the northwest portion of the Site and the Downwind CAMP station was in the southeast portion of the Site as the wind was consistently coming from the east.</p> <p>Background Levels (Initial Readings at Start of Day): PID: 0.0 ppm    Dust: 0.009 mg/m<sup>3</sup></p> <p>Highest Levels: PID: 0.0 ppm    Dust: 0.0258 mg/m<sup>3</sup></p> <ul style="list-style-type: none"> <li>Upwind CAMP was implemented during C&amp;D restaging. 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 C&amp;D restaging. 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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<p><b>Problems Encountered</b></p> <p>None.</p>
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<p><b>Planned Activities for the Next Day</b></p> <p>Continued removal of the obstructions within the entire treatment area as per the NYSDEC approval of the Addendum Letter to the Pilot Test Work Plan for ISS. Continued decommissioning of all groundwater monitoring wells and recovery wells within the work areas via NYSDEC's CP-43 Well Decommissioning Policy. Setup of Site for confirmation coring for next week.</p>
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SITE PLAN WITH LOCATIONS



319 BOND STREET  
BLOCK 438, L 3

## Photo Log

Photo 1:  
View of GSI pre-clearing ISS location,  
view facing south.



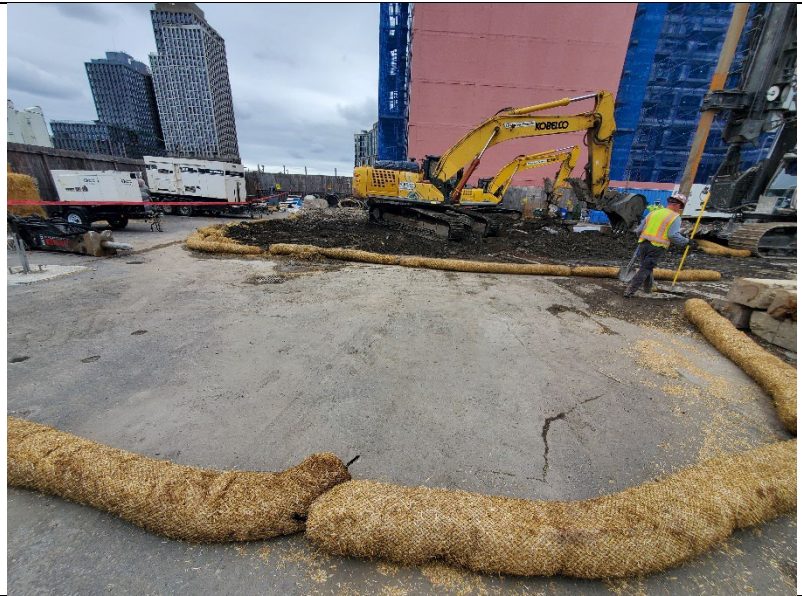
Photo 2:  
View of GSI pre-clearing ISS location,  
view facing southwest.



Photo 3:  
Staged well casings and tremies from  
well decommissioning work are  
restaged, facing east.



Photo 4:  
View of GSI conducting  
housekeeping of site, view facing  
south.



vEktor consultants

# DAILY AIR MONITORING REPORT

## 450 Union Street Brooklyn, New York

08/30/2024

Rev. No. 0

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Project Number:

Dust Action Level

150  $\mu\text{g}/\text{m}^3$

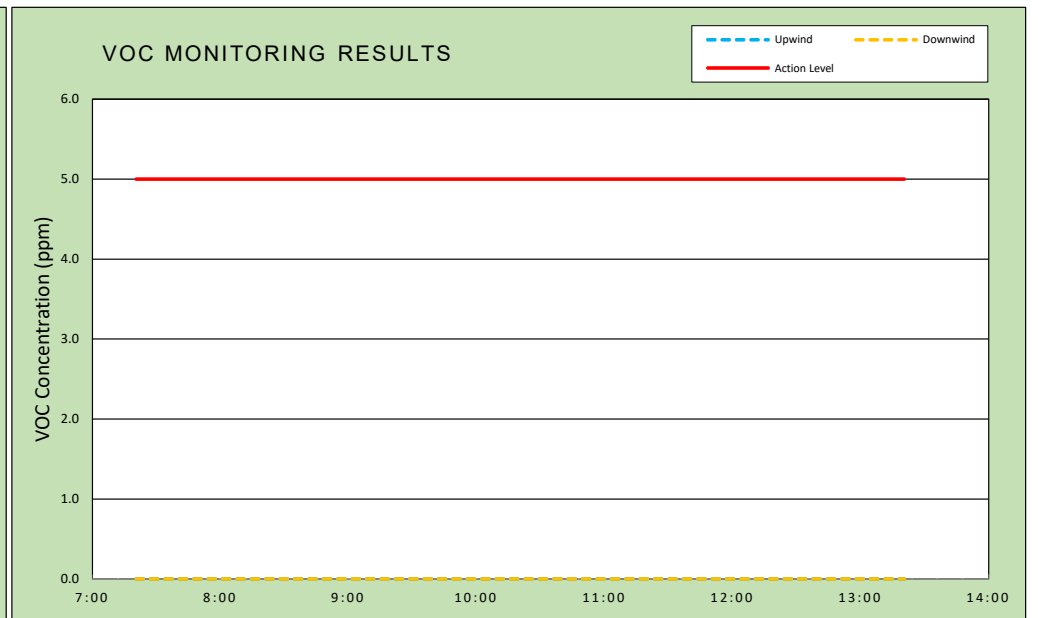
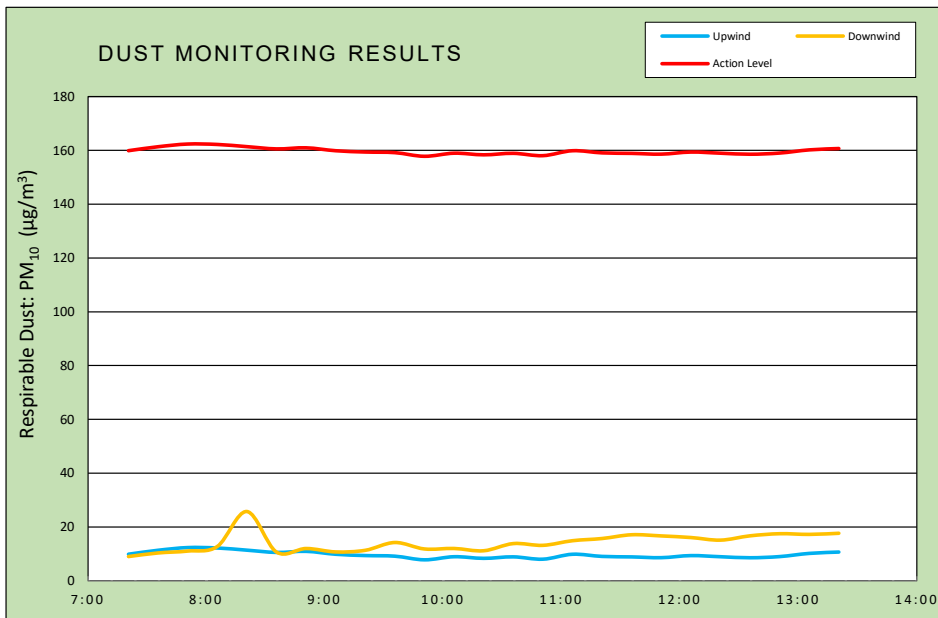
VOC Action Level

5 ppm

37 W. 37th St, 6th Floor - New York, NY

Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	66.0 - 92.0	Daily Rain Total (in)	0.10	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	63.0 - 73.0	Wind Speed (MPH)	2.9 - 8.5	Barometer (inHg)	30.30 - 30.30	Avg. Dew Point Temp (°F)	61.3	

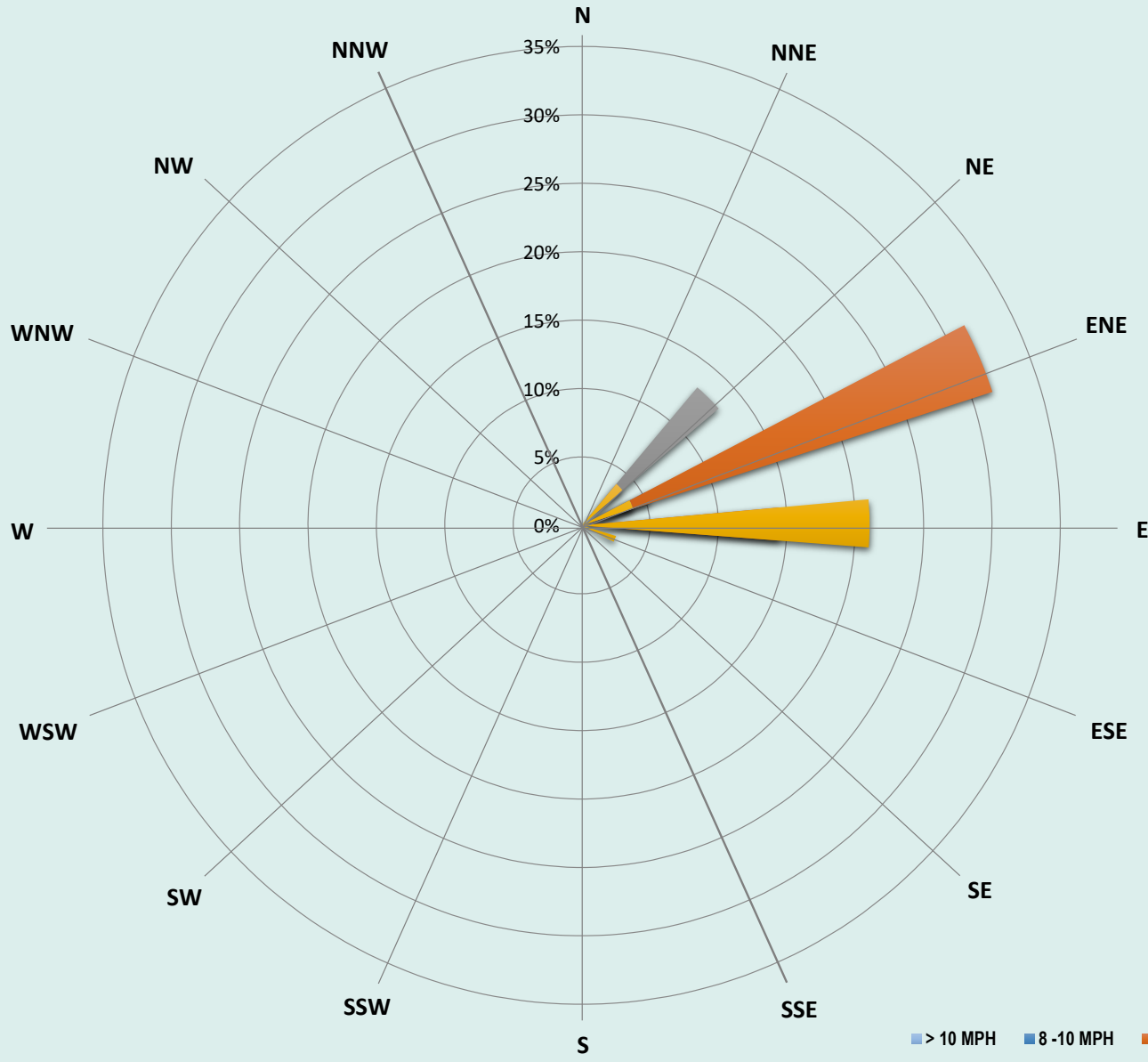
Station Location	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15-Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	9.7	12.4	7:51	0.0	0.0	7:21
Downwind	14.2	25.8	8:21	0.0	0.0	7:21



**Air Monitoring Notes:**

**Weather Notes:**

vEKtor - 450 Union St  
Air Monitoring  
08/30/24  
Wind Speed & Direction  
Daily Readings



Friday, August 30, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				25
Start Time:				7:21
End Time:				13:21
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration ( $\mu\text{g}/\text{m}^3$ )	Time	15-Min Avg Concentration ( $\mu\text{g}/\text{m}^3$ )	
7:21	9.9	7:21	9.0	-
7:36	11.4	7:36	10.4	-
7:51	12.4	7:51	11.1	-
8:06	12.2	8:06	12.8	-
8:21	11.4	8:21	25.8	-
8:36	10.6	8:36	10.7	-
8:51	11.0	8:51	12.0	-
9:06	9.9	9:06	10.7	-
9:21	9.4	9:21	11.3	-
9:36	9.2	9:36	14.2	-
9:51	7.8	9:51	11.8	-
10:06	9.0	10:06	12.0	-
10:21	8.4	10:21	11.2	-
10:36	8.9	10:36	13.8	-
10:51	8.0	10:51	13.2	-
11:06	9.9	11:06	14.9	-
11:21	9.1	11:21	15.7	-
11:36	8.9	11:36	17.1	-
11:51	8.6	11:51	16.7	-
12:06	9.4	12:06	16.1	-
12:21	9.0	12:21	15.1	-
12:36	8.6	12:36	16.7	-
12:51	9.0	12:51	17.5	-
13:06	10.2	13:06	17.3	-
13:21	10.7	13:21	17.7	-

Friday, August 30, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:21
End Time:				13:21
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:21	0.0	7:21	0.0	-
7:36	0.0	7:36	0.0	-
7:51	0.0	7:51	0.0	-
8:06	0.0	8:06	0.0	-
8:21	0.0	8:21	0.0	-
8:36	0.0	8:36	0.0	-
8:51	0.0	8:51	0.0	-
9:06	0.0	9:06	0.0	-
9:21	0.0	9:21	0.0	-
9:36	0.0	9:36	0.0	-
9:51	0.0	9:51	0.0	-
10:06	0.0	10:06	0.0	-
10:21	0.0	10:21	0.0	-
10:36	0.0	10:36	0.0	-
10:51	0.0	10:51	0.0	-
11:06	0.0	11:06	0.0	-
11:21	0.0	11:21	0.0	-
11:36	0.0	11:36	0.0	-
11:51	0.0	11:51	0.0	-
12:06	0.0	12:06	0.0	-
12:21	0.0	12:21	0.0	-
12:36	0.0	12:36	0.0	-
12:51	0.0	12:51	0.0	-
13:06	0.0	13:06	0.0	-
13:21	0.0	13:21	0.0	-



<b>Project:</b> 450 Union Remediation	<b>Project No.:</b> 24-071	<b>Date:</b> 08/30/24
<b>Client:</b> 2201 Union LLC	<b>Location:</b> Brooklyn, NY	<b>Day of Week:</b> Friday
<b>Owner:</b> 2201 Union LLC	<b>Superintendent:</b> Rick McKay	<b>Days on Site:</b> 19
<b>Manager:</b> Trae Deri	<b>Engineer:</b> Srujan Prasad	<b>Shift Times:</b> 7:00-17:00

<b>Weather:</b>		
<b>Low:</b> 68	<b>Cloud Cover:</b> Sunny	<b>Wind:</b> 5-10MPH
<b>High:</b> 84	<b>Precipitation:</b> 0"	<b>Direction:</b> ESE

**Description of Work Activities:**

- 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel.
- 0800 to 1400, GSI beginning pre-excavation and concrete/debris removal operations in the Northwest portion of the jobsite using 300 Kobelco excavator, clearing big pieces of concrete rocks and steel plates. GSI was successful in removing the obstruction.
- 0800 to 1430, GSI moved the excavated concrete material towards the West of the jobsite using Kobelco excavator and casted on a poly-lined and stockpile.
- 1430 to 1500, Kobelco excavator managed ISS spoils, fueled equipment and performed general maintenance.
- 1500, All GSI personnel offsite.

**Conversation with Client/Inspector:**

**Production Delays:**

GSI continued pre-excavation and concrete/debris removal operations in the Northwest portion of the jobsite using 300 Kobelco excavator, clearing big pieces of concrete rocks and steel plates. GSI was successful in removing the obstruction.

**Safety Topics:**

Discussed: Hydration: The Importance of water.

Rick McKay  
 Foreman/Superintendent

08/30/24  
 Date

<b>Project:</b> 450 Union Remediation	<b>Project No.:</b> 24-071	<b>Date:</b> 08/30/24			
<b>Client:</b> 2201 Union LLC	<b>Location:</b> Brooklyn, NY	<b>Day of Week:</b> Friday			
<b>Owner:</b> 2201 Union LLC	<b>Superintendent:</b> Rick McKay	<b>Days on Site:</b> 19			
<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>9% Columns</b>				
<b>To-Date:</b> 455.65 CY 4 Columns	<b>10.36% CY</b>				
<b>Materials Received:</b>					
<b>Material</b>	<b>Unit</b>	<b>Today</b>	<b>Total</b>	<b>Notes</b>	
Slag- Grade 120	Ton	0	76		
Portland Cement - Type 1L	Ton	0	25		
<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	8.0	Trae Deri	PM
8.0	185 Air Compressor	ISS Mixing		Rick McKay	SUPT
8.0	Conex box(1)	Storage	8.0	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		Daniel Oliveira	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			
8.0	Kobelco 210 Excavaor	ISS Mixing			
8.0	250kw Generator	Batch Plant			
8.0	Kobelco 300 Excavator				
<b>96</b>	<b>TOTAL DAY HOURS</b>		<b>40</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 Opeartor

*Rick McKay*

Foreman/Superintendent

08/30/24

Date

<b>Project:</b> 450 Union Remediation	<b>Project No.:</b> 24-071	<b>Date:</b> 08/30/24
<b>Client:</b> 2201 Union LLC	<b>Location:</b> Brooklyn, NY	<b>Day of Week:</b> Friday
<b>Owner:</b> 2201 Union LLC	<b>Superintendent:</b> Rick Mckay	<b>Days on Site:</b> 19
<b>Manager:</b> Trae Deri	<b>Engineer:</b> Srujan Prasad	<b>Shift Times:</b> 7:00-17:00

**IN-SITU SOIL STABILIZATION - AUGER MIXING  
SAMPLE TESTING RESULTS**

Project Specifications:	
Perm:	≤ 1x10 <sup>-6</sup>
UCS:	> 50 psi

Lab Results	
UCS	Permeability

Date	Time	Sample ID	Depth (bgs)	Number of cylinders casted		7 Day	7 Day	
			(ft.)	3x6s	2x4s	(psi)	(cm/s)	
8/19/24	11:42 AM	E6	18	8	8	243.3		
8/19/24	2:10 PM	E7	22	8	8	203.3		
8/23/24	11:10 AM	B3	25	8	8			
8/23/24	12:56 PM	B4	35	8	8			

**Comments:**

*Rick Mckay*  
 \_\_\_\_\_  
 Foreman/Superintendent

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 Client QC Manager