

DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

NYSDEC BCP Site No:	C224219	Date:	9/12/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: WSP – Aaron Schmidt	Personnel On-Site: Geo-Solutions Inc.- Subcontractor
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Work Activities Performed:

- GSI exported 7 truckloads of concrete and debris (C&D) from the site to Republic Environmental Systems in Hatfield, PA, for disposal. The C&D stockpile was completely removed upon completion of trucking activities.
- GSI chopped concrete debris with the hammer attachment and utilized fresh water to suppress dust, as needed.
- GSI installed a new berm on the north portion of the site for future water management, lining the bottom with poly-sheeting.

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 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 northeast.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm Dust: 0.0864 mg/m³

Highest Levels:

PID: 0.0 ppm Dust: 0.114 mg/m³

- Upwind CAMP was implemented during C&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.
- Downwind CAMP was implemented during C&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.
- Dust exceedances from both upwind and downwind CAMPS from 8:17 to 8:32 (max. 114.0 mg/m³) due to the loading of C&D. GSI applied dust suppression with water and readings normalized after.
- No other 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

Continued decommissioning of all groundwater monitoring wells and recovery wells within the work areas via NYSDEC's CP-43 Well Decommissioning Policy. Continued site preparation work in anticipation of full-scale ISS operations (upon NYSDEC approval of the RSO Work Plan)

SITE PLAN WITH LOCATIONS

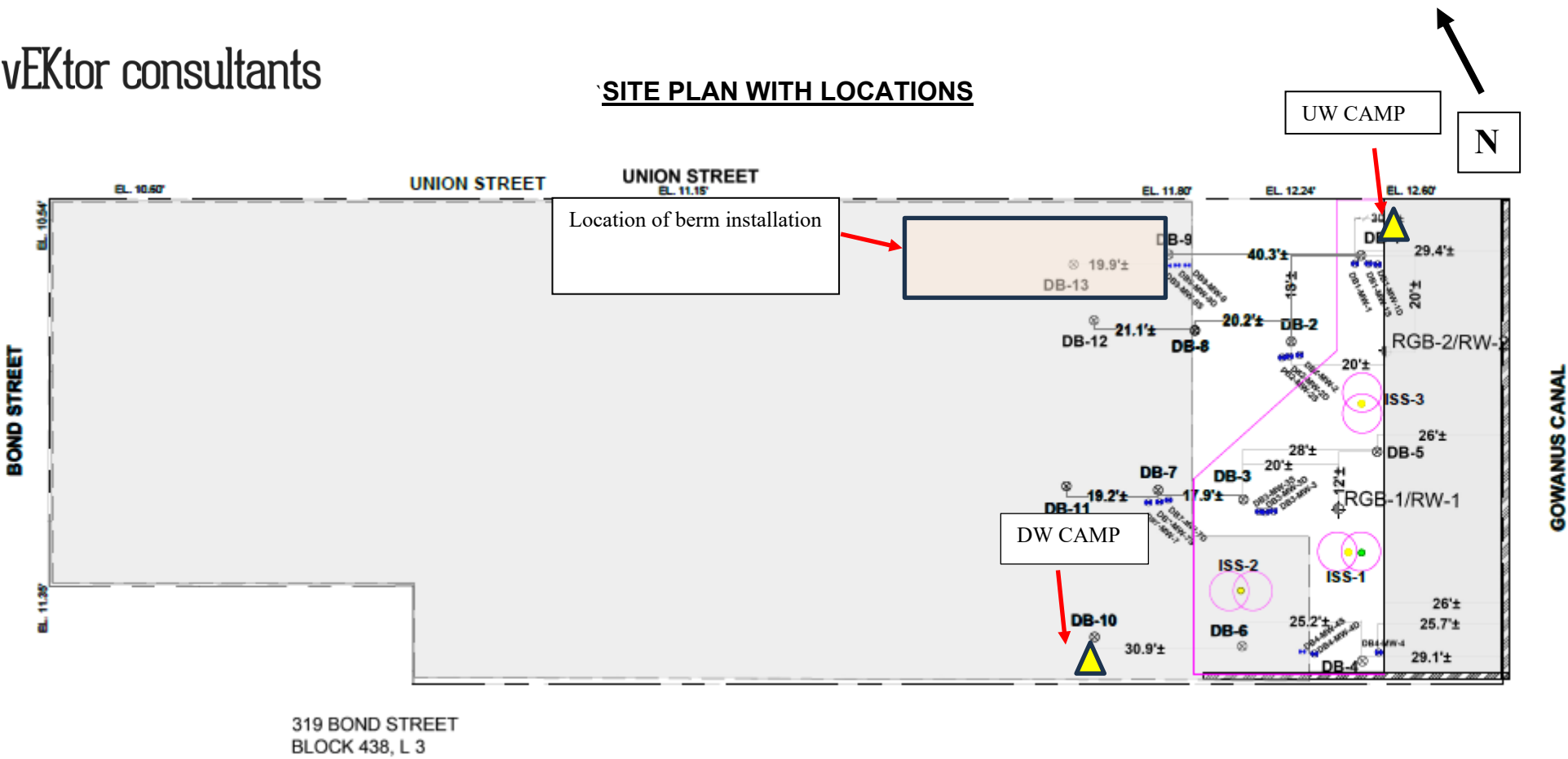


Photo Log

Photo 1:
View of GSI loading truck with C&D,
facing west.



Photo 2:
View of GSI installing berm, facing
west.



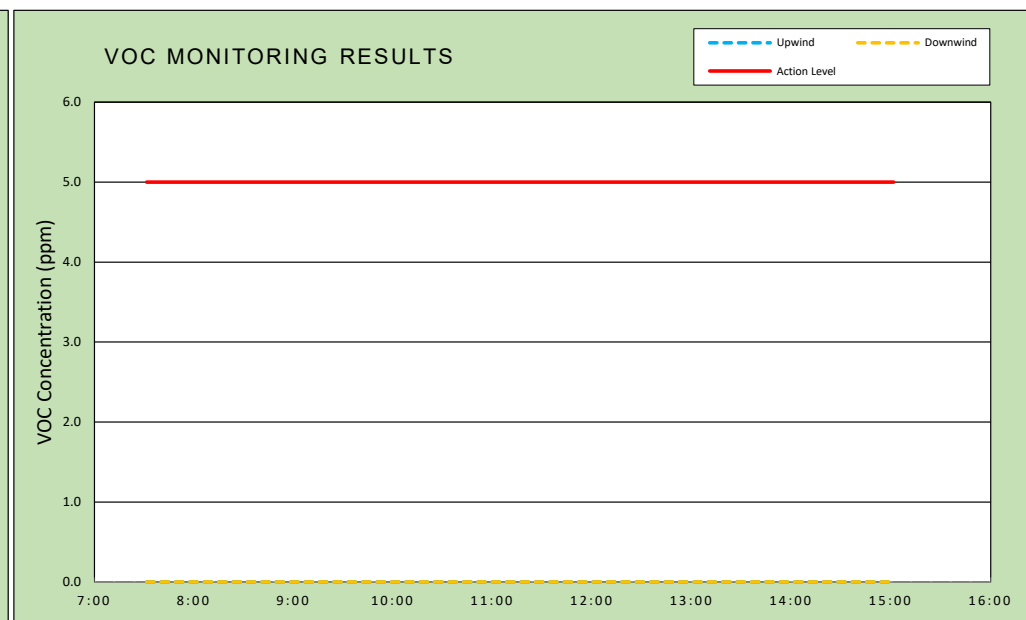
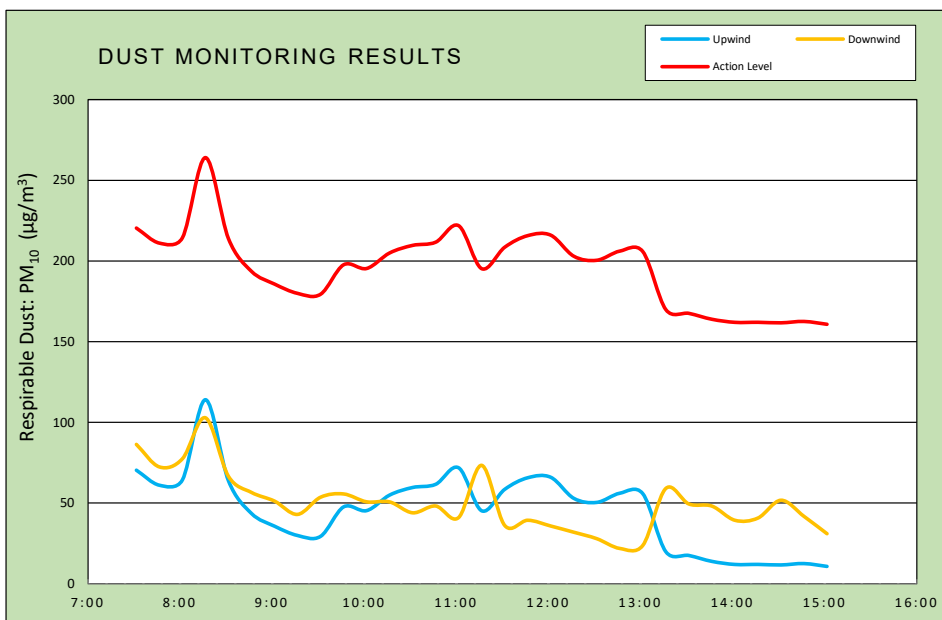
Photo 3:
View of GSI installing berm, facing
west.



vEktor consultants	DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York					09/12/2024	
						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

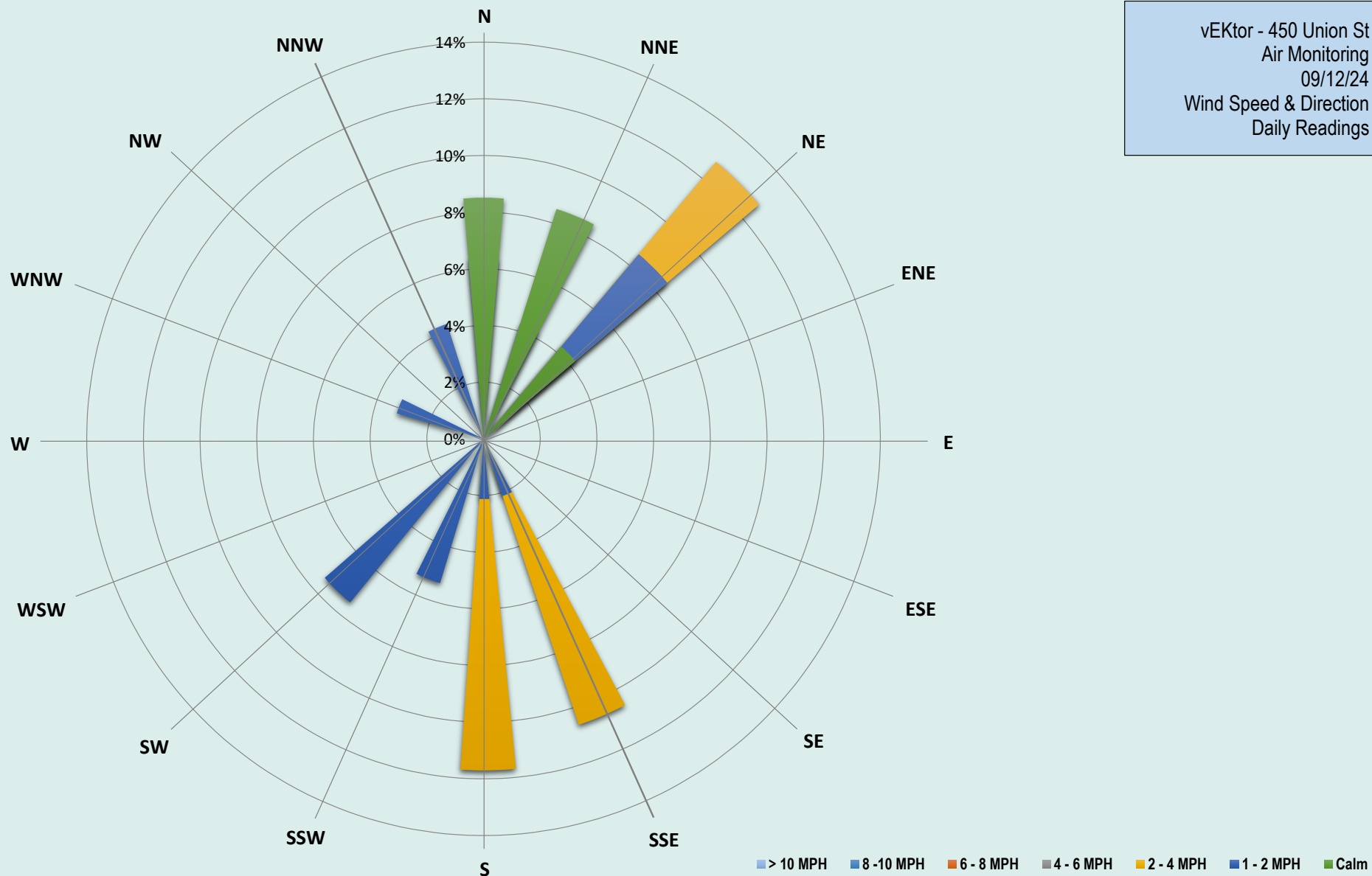
Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	43.0 - 91.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	62.0 - 82.0	Wind Speed (MPH)	0.5 - 3.5	Barometer (inHg)	30.30 - 30.30	Avg. Dew Point Temp (°F)	62.3	

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	45.6	114.0	8:17	0.0	0.0	7:32
Downwind	49.8	102.9	8:17	0.0	0.0	7:32



Air Monitoring Notes:

Weather Notes:



Thursday, September 12, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				31
Start Time:				7:32
End Time:				15:02
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
7:32	70.4	7:32	86.4	-
7:47	61.1	7:47	72.4	-
8:02	64.4	8:02	77.5	-
8:17	114.0	8:17	102.9	-
8:32	63.8	8:32	66.6	-
8:47	43.6	8:47	56.6	-
9:02	35.7	9:02	51.2	-
9:17	29.9	9:17	43.0	-
9:32	29.4	9:32	53.6	-
9:47	47.6	9:47	55.7	-
10:02	45.3	10:02	50.8	-
10:17	55.0	10:17	50.7	-
10:32	59.7	10:32	44.0	-
10:47	61.6	10:47	48.2	-
11:02	71.9	11:02	41.1	-
11:17	45.2	11:17	73.4	-
11:32	58.5	11:32	36.2	-
11:47	65.7	11:47	39.4	-
12:02	66.0	12:02	35.8	-
12:17	53.0	12:17	32.0	-
12:32	50.4	12:32	27.9	-
12:47	56.1	12:47	21.9	-
13:02	55.8	13:02	23.8	-
13:17	19.9	13:17	59.1	-
13:32	17.6	13:32	49.5	-
13:47	13.9	13:47	48.2	-
14:02	12.0	14:02	39.4	-
14:17	12.0	14:17	40.7	-
14:32	11.7	14:32	51.8	-
14:47	12.5	14:47	41.8	-
15:02	10.8	15:02	31.0	-

Thursday, September 12, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:32
End Time:				15:02
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:32	0.0	7:32	0.0	-
7:47	0.0	7:47	0.0	-
8:02	0.0	8:02	0.0	-
8:17	0.0	8:17	0.0	-
8:32	0.0	8:32	0.0	-
8:47	0.0	8:47	0.0	-
9:02	0.0	9:02	0.0	-
9:17	0.0	9:17	0.0	-
9:32	0.0	9:32	0.0	-
9:47	0.0	9:47	0.0	-
10:02	0.0	10:02	0.0	-
10:17	0.0	10:17	0.0	-
10:32	0.0	10:32	0.0	-
10:47	0.0	10:47	0.0	-
11:02	0.0	11:02	0.0	-
11:17	0.0	11:17	0.0	-
11:32	0.0	11:32	0.0	-
11:47	0.0	11:47	0.0	-
12:02	0.0	12:02	0.0	-
12:17	0.0	12:17	0.0	-
12:32	0.0	12:32	0.0	-
12:47	0.0	12:47	0.0	-
13:02	0.0	13:02	0.0	-
13:17	0.0	13:17	0.0	-
13:32	0.0	13:32	0.0	-
13:47	0.0	13:47	0.0	-
14:02	0.0	14:02	0.0	-
14:17	0.0	14:17	0.0	-
14:32	0.0	14:32	0.0	-
14:47	0.0	14:47	0.0	-
15:02	0.0	15:02	0.0	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	09/12/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Thursday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	27
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:			
Low: 62	Cloud Cover: Sunny	Wind: 5-10MPH	
High: 75	Precipitation: 0"	Direction: SSE	
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. - 0730 to 1000, Uriel Trucking was on site to load the obstructed concrete materials. - 0730 to 1000, GSI started loading concrete chunks and steel plates using Kobelco 210 excavator. - 1100 to 1300, GSI started excavation and casted poly-lined for the swell pond towards the Northwest portion of the jobsite using Kobelco 300 excavator. - 1100 to 1400, GSI started cleaning the batch plant, fixing the scales, cleaning the auger and general maintenance. - 1500 to 1600, GSI received 1 delivery of PC. - 1430 to 1500, Kobelco excavator managed ISS spoils, fueled equipment and performed general maintenance. - 1600, All GSI personnel offsite. 			
Conversation with Client/Inspector:			
Production Delays:			
Safety Topics:			
Discussed: Hand Safety and Injury Prevention Safety Talk.			

Rick McKay
 Foreman/Superintendent

09/12/24
 Date

Project:	450 Union Remediation	Project No.:	24-071	Date:	09/12/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Thursday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	27
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00
Production:			Completion:		
Today:	0.00 CY	0 Columns	9% Columns		
To-Date:	455.65 CY	4 Columns	10.36% CY		
Materials Received:					
Material	Unit	Today	Total	Notes	
Slag- Grade 120	Ton	0	76		
Portland Cement - Type 1L	Ton	20	45		
Disposal Trucks	N/A	7	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	9.0	Rick McKay	SUPT
8.0	Conex box(1)	Storage	9.0	Srujan Prasad	ENG
8.0	300kw Generator	Batch Plant	8.5	Eric Shannon	DRILL
8.0	Lo-pro silo(2)	Cement Storage	9.0	Miguel Maldonado	LAB
8.0	Flash mixers (2)	Batch Plant	8.0	William Braun	BPO
8.0	Moyno pump(2)	Batch Plant		Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	8.0	Steven Reda	LAB
8.0	Manlift(1)	Maintenance	8.0	James Acovelli	OP
8.0	Kobelco 210 Excavaor	ISS Mixing	8.0	Louis Passannante	BPO
8.0	250kw Generator	Batch Plant	8.0	Christhopher Ramdial	OILER
8.0	Kobelco 300 Excavator				
96	TOTAL DAY HOURS		76	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 Opeartor

Rick McKay

Foreman/Superintendent

09/12/24

Date



IN-SITU SOIL STABILIZATION - AUGER MIXING PC DELIVERY INVOICE TRACKING

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