

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		>85	

NYSDEC BCP Site No:	C224219	Date:	10/08/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: WSP – Aaron Schmidt NYSDEC – Meghan Medwid and Tracy Garland	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 two confirmation cores for visual inspection for the overlapped area between columns C1 and C2 (ISS-4C) and between columns C2 and D2 (ISS-5C). ISS-4C was drilled down to 20 feet bgs due to lack of recovery from debris obstructing sample extraction. Drilling was offset to ISS-5C which was drilled down to 22 feet bgs due to the same issue encountered at ISS-4C. Craig will attempt ISS-5C tomorrow with an NQ2 barrel.
- GSI continued general housekeeping and shaping of ISS spoils on top of the ISS area in preparation for coring at ISS-5C. 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.

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 northeast 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: 0.0 ppm Dust: 0.0174 mg/m³

Highest Levels:

PID: 0.0 ppm Dust: 0.0559 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

- ISS 9% coring at overlap locations B5-B6, and E9-E10.

SITE PLAN WITH LOCATIONS

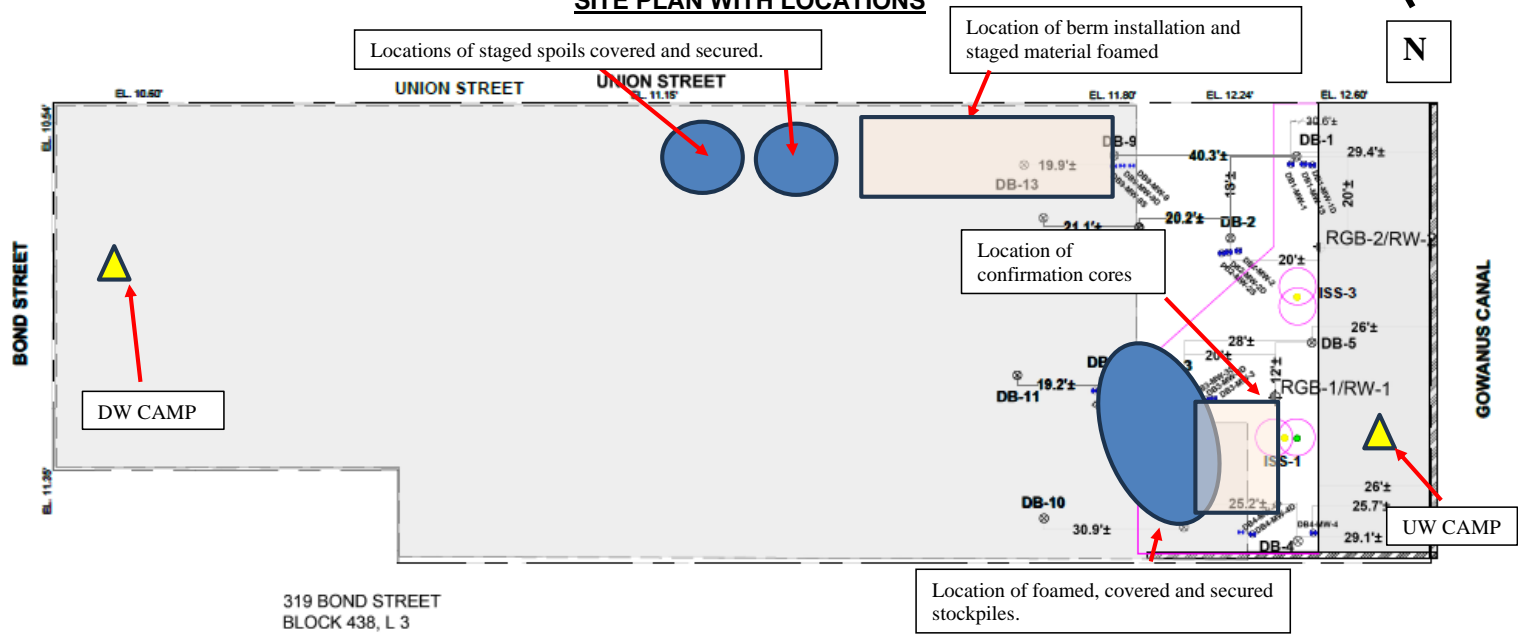


Photo Log

Photo 1:
View of Craig drilling ISS-4C,
facing east.



Photo 2:
View of ISS-5C 20-22 ft bgs interval
sample via split spoon.

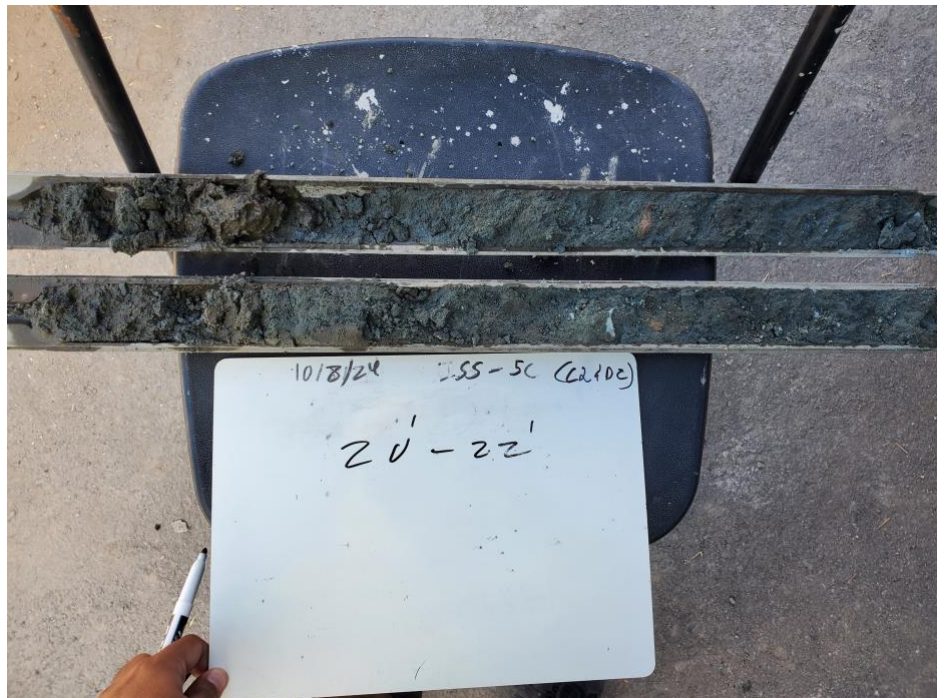


Photo 3:
GSI applying foam while reshaping
ISS stockpile, facing south.



Photo 4:
Poly sheeting placed atop ISS spoils
and secured after reshaping, facing
southwest.



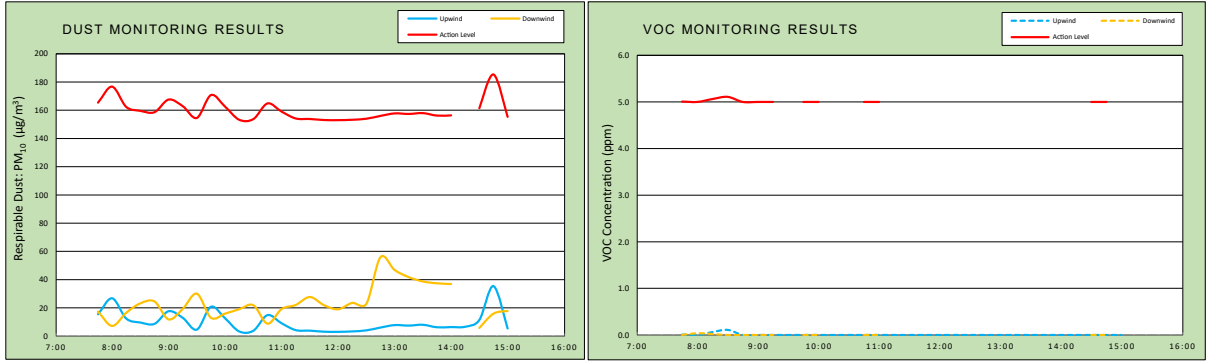
Photo 5:
Poly sheeting placed on top of berm
with ISS material and secured at the
end of the day, facing west.



Photo 6:
Poly sheeting on top of the north
stockpile secured at the end of the
day, facing west.

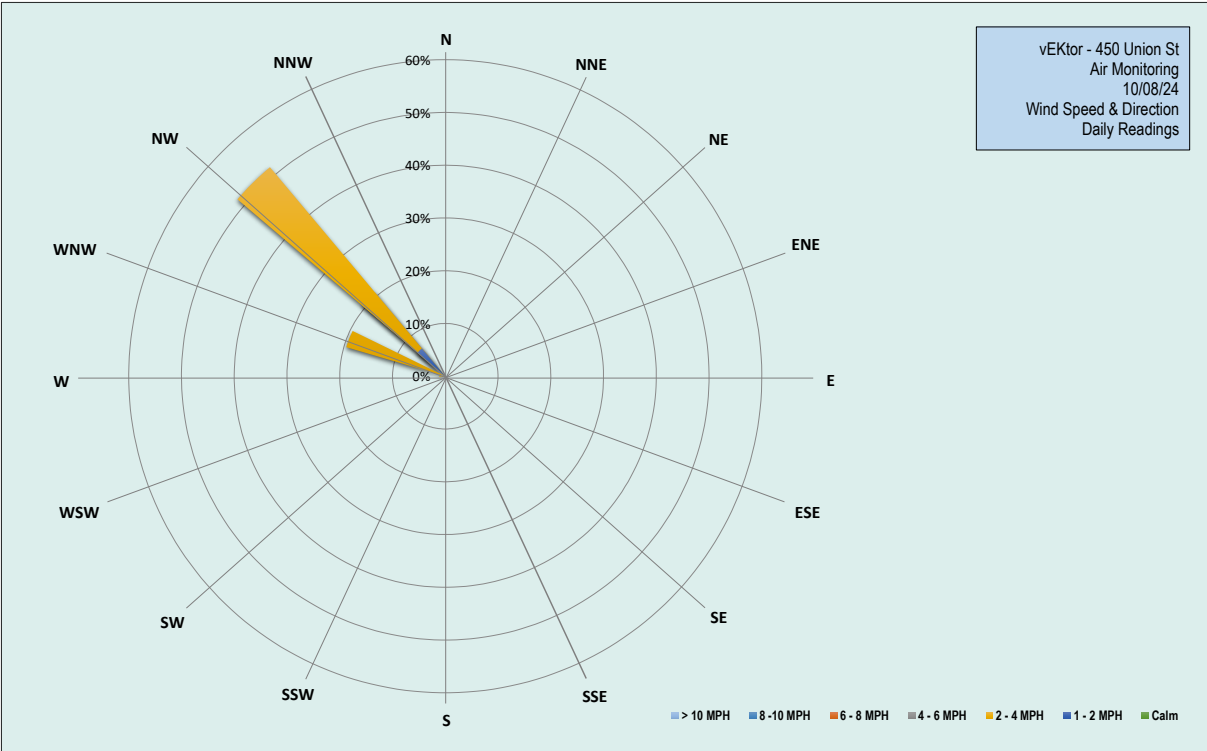


vEktor consultants		DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York				10/08/2024	
						Rev. No. 0	Page 1 of 2
37 W. 37th St, 6th Floor - New York, NY		Project Number:					
		Dust Action Level				150 µg/m ³	
		VOC Action Level				5 ppm	
Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	36.0 - 76.0	Daily Rain Total (in)	0.00
Temperature (°F)	54.0 - 71.0	Wind Speed (MPH)	1.8 - 6.0	Barometer (inHg)	29.90 - 30.00	Avg. Dew Point Temp (°F)	45.6
Readings in the summary table and graphs below are the reported downwind concentrations.							
Station Location	Daily Avg. Dust Concentration (µg/m ³)	Max 15-Min Dust Concentration (µg/m ³)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading	
Upwind	9.8	35.4	14:45	0.0	0.1	8:30	
Downwind	24.0	55.9	12:45	0.0	0.0	8:30	



Air Monitoring Notes:

Weather Notes:



Tuesday, October 8, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				30
Start Time:				7:45
End Time:				15:00
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
7:45	15.4	7:45	17.4	-
8:00	26.7	8:00	7.2	-
8:15	12.4	8:15	16.5	-
8:30	9.6	8:30	23.2	-
8:45	8.6	8:45	24.5	-
9:00	17.6	9:00	11.8	-
9:15	12.9	9:15	19.3	-
9:30	4.6	9:30	30.0	-
9:45	20.8	9:45	12.9	-
10:00	12.5	10:00	15.9	-
10:15	3.3	10:15	19.0	-
10:30	3.8	10:30	21.9	-
10:45	14.8	10:45	8.8	-
11:00	9.0	11:00	19.1	-
11:15	4.2	11:15	22.0	-
11:30	3.8	11:30	27.7	-
11:45	3.1	11:45	21.9	-
12:00	3.0	12:00	19.0	-
12:15	3.3	12:15	23.5	-
12:30	4.0	12:30	22.8	-
12:45	6.0	12:45	55.9	-
13:00	7.8	13:00	46.8	-
13:15	7.4	13:15	41.8	-
13:30	8.0	13:30	38.7	-
13:45	6.2	13:45	37.4	-
14:00	6.4	14:00	36.9	-
14:15	6.6	14:15	-	-
14:30	11.4	14:30	5.8	-
14:45	35.4	14:45	15.9	-
15:00	5.3	15:00	17.7	-

Tuesday, October 8, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:45
End Time:				15:00
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:45	0.0	7:45	0.0	-
8:00	0.0	8:00	0.0	-
8:15	0.1	8:15	0.0	-
8:30	0.1	8:30	0.0	-
8:45	0.0	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	-	-
9:45	0.0	9:45	0.0	-
10:00	0.0	10:00	0.0	-
10:15	0.0	10:15	-	-
10:30	0.0	10:30	-	-
10:45	0.0	10:45	0.0	-
11:00	0.0	11:00	0.0	-
11:15	0.0	11:15	-	-
11:30	0.0	11:30	-	-
11:45	0.0	11:45	-	-
12:00	0.0	12:00	-	-
12:15	0.0	12:15	-	-
12:30	0.0	12:30	-	-
12:45	0.0	12:45	-	-
13:00	0.0	13:00	-	-
13:15	0.0	13:15	-	-
13:30	0.0	13:30	-	-
13:45	0.0	13:45	-	-
14:00	0.0	14:00	-	-
14:15	0.0	14:15	-	-
14:30	0.0	14:30	0.0	-
14:45	0.0	14:45	0.0	-
15:00	0.0	15:00	-	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	10/08/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Tuesday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	45
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:			
Low:	54	Cloud Cover:	Cloudy
High:	69	Precipitation:	0"
		Wind:	5-10MPH
		Direction:	WNW
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 1100, Craig geotechnical core drilling was on site and began drilling column C1/C2. PQ barrel could not extract material between 10' and 20' below ground surface. GSI offset the core drilling location to an adjacent column C2/D2. - 1100 to 1400, GSI started coring column C2/D2. PQ barrel could not extract material between 10' and 20' below ground surface. GSI will relocate to an adjacent column and attempt the core drilling with NQ2 barrel during the next shift. - 1000 to 1300, GSI cleaned the batch plant and pressure washed the equipment's. - 0800 to 1500, GSI performed general maintenance and house keeping. - 1200 to 1300, 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: Four Focus Items for Work Area Inspections.			

Rick McKay
 Foreman/Superintendent

10/08/24
 Date

Project:	450 Union Remediation	Project No.:	24-071	Date:	10/08/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Tuesday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	45
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

10/08/24

Date