

## 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	

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	10/09/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas  <b>Visitors:</b> WSP – Monica Pula NYSDEC – Meghan Medwid and Tracy Garland	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor Craig Geotechnical Drilling Co. Inc.- Subcontractor <b>Time On-Site:</b> 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 C2 and D2 (ISS-5C) with a NQ2 barrel. ISS-5C was drilled down to 40 feet bgs, with sample cores missing from the 15-19 foot interval and poor recovery from the 5-15 and 26-40 foot bgs interval. Craig will continue drilling at the location between columns B5 and B6 (ISS-6C) tomorrow.
- GSI continued general housekeeping and shaping of ISS spoils on top of the ISS area in preparation for coring at ISS-6C. 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 northwest 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: 0.0297 mg/m<sup>3</sup>

Highest Levels:

PID: 345.4 ppm      Dust: 0.0577 mg/m<sup>3</sup>

- 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.
- Multiple VOC exceedances were recorded at the Upwind CAMP from 9:00 to 9:15 AM (Max. 345.4 ppm) and from 11:00 to 11:15 AM (Max. 284.4 ppm). There were also data gaps from the Upwind PID from 9:15 to 9:45 AM, 11:15 AM to 12 PM, and from 2:15 to 2:30 PM. The exceedances and data gaps were due to mechanical issues with the Upwind PID. After multiple troubleshooting attempts the PID was swapped at the end of the day. The elevated readings were not due to intrusive work.
- No other VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.

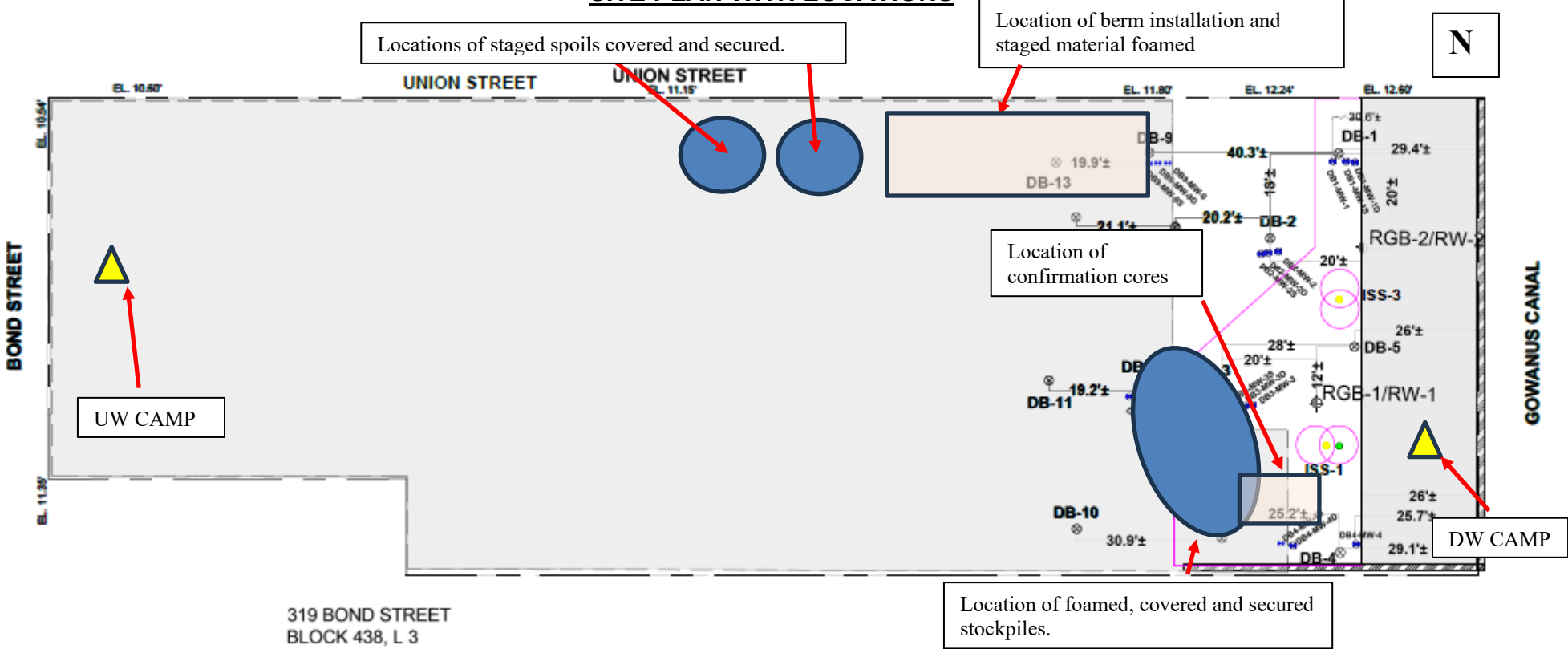
### Problems Encountered

- None.

### Planned Activities for the Next Day

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

**SITE PLAN WITH LOCATIONS**



## Photo Log

Photo 1:  
View of Craig drilling ISS-5C, facing east.



Photo 2:  
View of GSI applying foam on ISS spoils being reshaped in preparation to drill ISS-6C, facing northwest.





Photo 3:  
Area marked out for ISS-6, facing  
south.



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





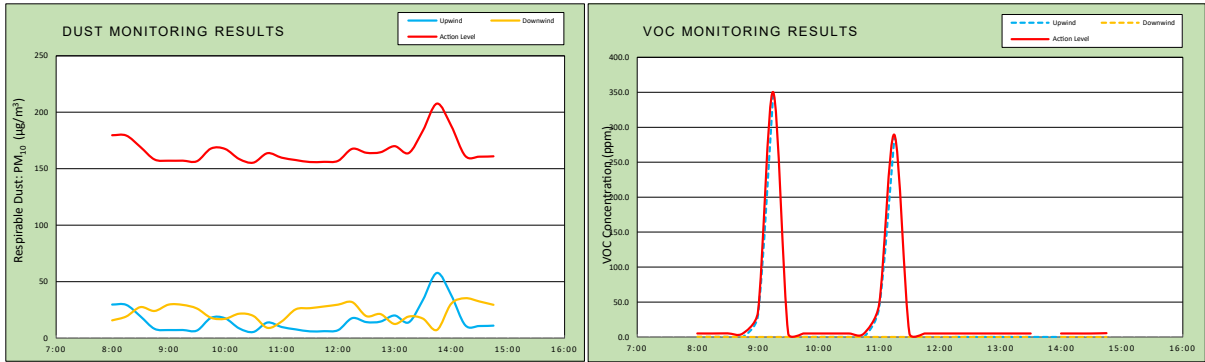
Photo 5:  
Poly sheeting placed on top of berm  
with ISS material and secured at the  
end of the day, facing west.



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

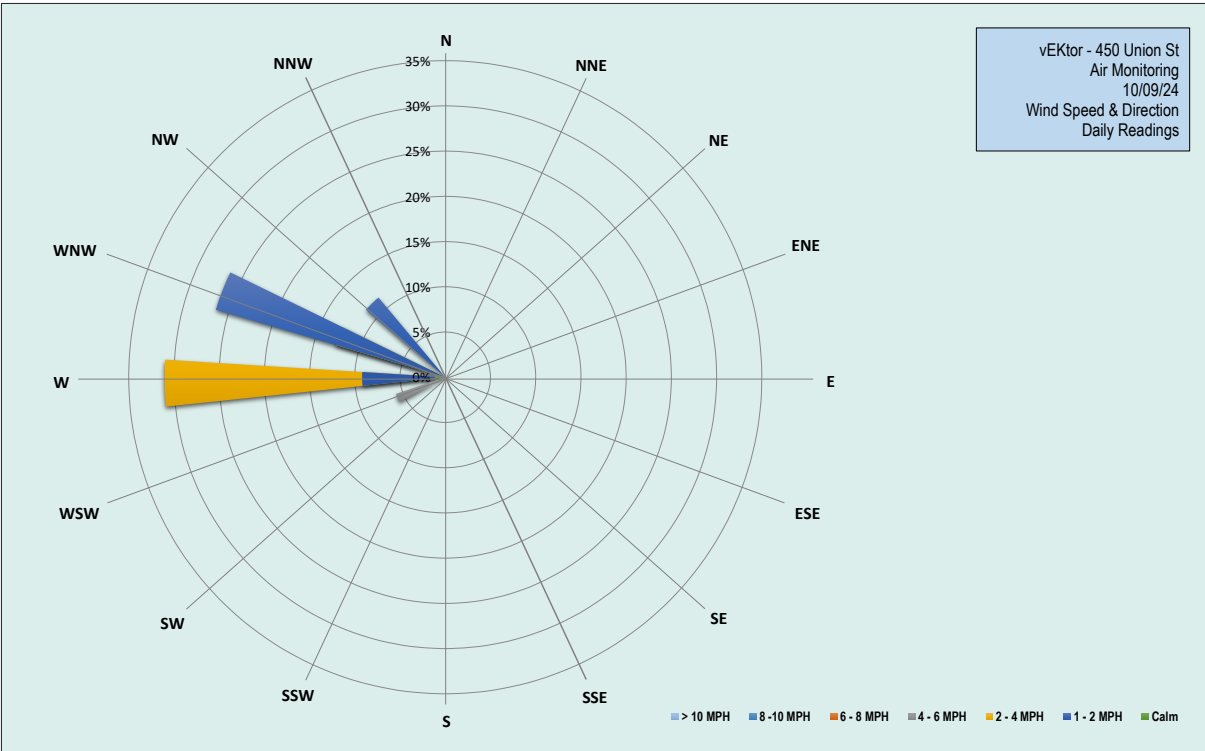


vEktor consultants		<b>DAILY AIR MONITORING REPORT</b> <b>450 Union Street</b> <b>Brooklyn, New York</b>				10/09/2024	
						Rev. No. 0	Page 1 of 2
37 W. 37th St, 6th Floor - New York, NY		Project Number:					
		Dust Action Level				150 µg/m <sup>3</sup>	
		VOC Action Level				5 ppm	
Weather Data Range for Work Day		Wind Direction	W	Relative Humidity (%)	37.0 - 73.0	Daily Rain Total (in)	0.00
Temperature (°F)	57.0 - 71.0	Wind Speed (MPH)	0.7 - 5.9	Barometer (inHg)	29.90 - 30.00	Avg. Dew Point Temp (°F)	44.7
Readings in the summary table and graphs below are the reported downwind concentrations.							
Station Location	Daily Avg. Dust Concentration (µg/m <sup>3</sup> )	Max 15-Min Dust Concentration (µg/m <sup>3</sup> )	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading	
Upwind	16.0	57.7	13:45	28.5	345.4	9:15	
Downwind	23.0	35.3	14:15	0.0	0.3	8:45	



Air Monitoring Notes:

Weather Notes:



Wednesday, October 9, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				28
Start Time:				8:00
End Time:				14:45
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> )	
8:00	29.7	8:00	15.7	-
8:15	29.4	8:15	19.1	-
8:30	19.3	8:30	27.4	-
8:45	8.2	8:45	24.0	-
9:00	7.1	9:00	29.6	-
9:15	7.1	9:15	29.4	-
9:30	6.6	9:30	26.2	-
9:45	17.9	9:45	18.0	-
10:00	17.5	10:00	17.1	-
10:15	8.6	10:15	21.6	-
10:30	5.4	10:30	19.6	-
10:45	13.8	10:45	9.0	-
11:00	9.8	11:00	14.6	-
11:15	7.7	11:15	25.5	-
11:30	5.9	11:30	26.5	-
11:45	6.1	11:45	28.0	-
12:00	7.0	12:00	29.6	-
12:15	17.6	12:15	31.8	-
12:30	14.1	12:30	19.4	-
12:45	14.6	12:45	21.2	-
13:00	20.0	13:00	12.5	-
13:15	13.9	13:15	19.1	-
13:30	33.7	13:30	17.2	-
13:45	57.7	13:45	7.2	-
14:00	38.2	14:00	30.3	-
14:15	11.4	14:15	35.3	-
14:30	10.7	14:30	32.4	-
14:45	11.0	14:45	29.4	-

Wednesday, October 9, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:00
End Time:				14:45
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:00	0.0	8:00	0.3	-
8:15	0.0	8:15	0.2	-
8:30	0.2	8:30	0.2	-
8:45	0.0	8:45	0.0	-
9:00	30.2	9:00	0.0	-
9:15	345.4	9:15	0.0	-
9:30	-	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	42.0	11:00	0.0	-
11:15	284.4	11:15	0.0	-
11:30	-	11:30	0.0	-
11:45	-	11:45	0.0	-
12:00	-	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	-	-
14:00	0.0	14:00	0.0	-
14:15	-	14:15	0.0	-
14:30	-	14:30	0.0	-
14:45	0.5	14:45	0.0	-



<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	10/09/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Wednesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	46
<b>Manager:</b>	Trae Deri	<b>Engineer:</b>	Srujan Prasad	<b>Shift Times:</b>	7:00-17:00

<b>Weather:</b>			
<b>Low:</b>	69	<b>Cloud Cover:</b>	Cloudy
<b>High:</b>	86	<b>Precipitation:</b>	0"
<b>Wind:</b>	5-10MPH	<b>Direction:</b>	WSW
<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 1000, Craig geotechnical core drilling was on site and began drilling location to an adjacent column C2/D2 using NQ2 barrel down to 40ft bgs. NQ2 barrel could not extract material between 10' and 20' below ground surface.</li> <li>- 1000 to 1200, Core drilling attempted split spoon method to extract materials between 10' and 20' below ground surface. GSI collected the samples at every 2' intervals, which was feasible.</li> <li>- 1200 to 1330, GSI continued coring column C2/D2 upon 20' up to 40' using NQ2 barrel. GSI collected the samples at every 5' intervals, which was feasible.</li> <li>- 1330 to 1430, GSI cut down the stockpile swell material towards the southwest portion of the jobsite using 210 Kobelco excavator in order to create room for core drilling of B5-B6 tomorrow.</li> <li>- 1000 to 1200, GSI cleaned the batch plant and pressure washed the equipment's.</li> <li>- 0800 to 1500, GSI performed general maintenance and house keeping.</li> <li>- 1330 to 1500, GSI foamed all the stockpiled swell materials and also covered them by using poly-lined.</li> <li>- 1500, All GSI personnel offsite.</li> </ul>			
<b>Conversation with Client/Inspector:</b>			
<b>Production Delays:</b>			
<b>Safety Topics:</b>			
Discussed: Communication Tools and Safety.			

*Rick McKay*  
 Foreman/Superintendent

10/09/24  
 Date

<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	10/09/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Wednesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	46
<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	8.5	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
<b>88</b>	<b>TOTAL DAY HOURS</b>		<b>66</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/Superintendent

10/09/24

Date