

## DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	8/14/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas  <b>Visitors:</b> WSP – Monica Pula	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor
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### Work Activities Performed:

- GSI continued mobilizing and preparing equipment in the eastern and central portions of the Site.
- General grading activity in the north central portion of the Site.

### 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 northeast portion of the Site as the wind was consistently coming from the southwest.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm      Dust: 0.0833 mg/m<sup>3</sup>

Highest Levels:

PID: 0.0 ppm      Dust: 0.0833 mg/m<sup>3</sup>

- 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.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP station.

### Problems Encountered

None.

### Planned Activities for the Next Day

Continued preparation and setup work for ISS pilot testing.

Drilling and mixing at ISS-2

SITE PLAN WITH LOCATIONS

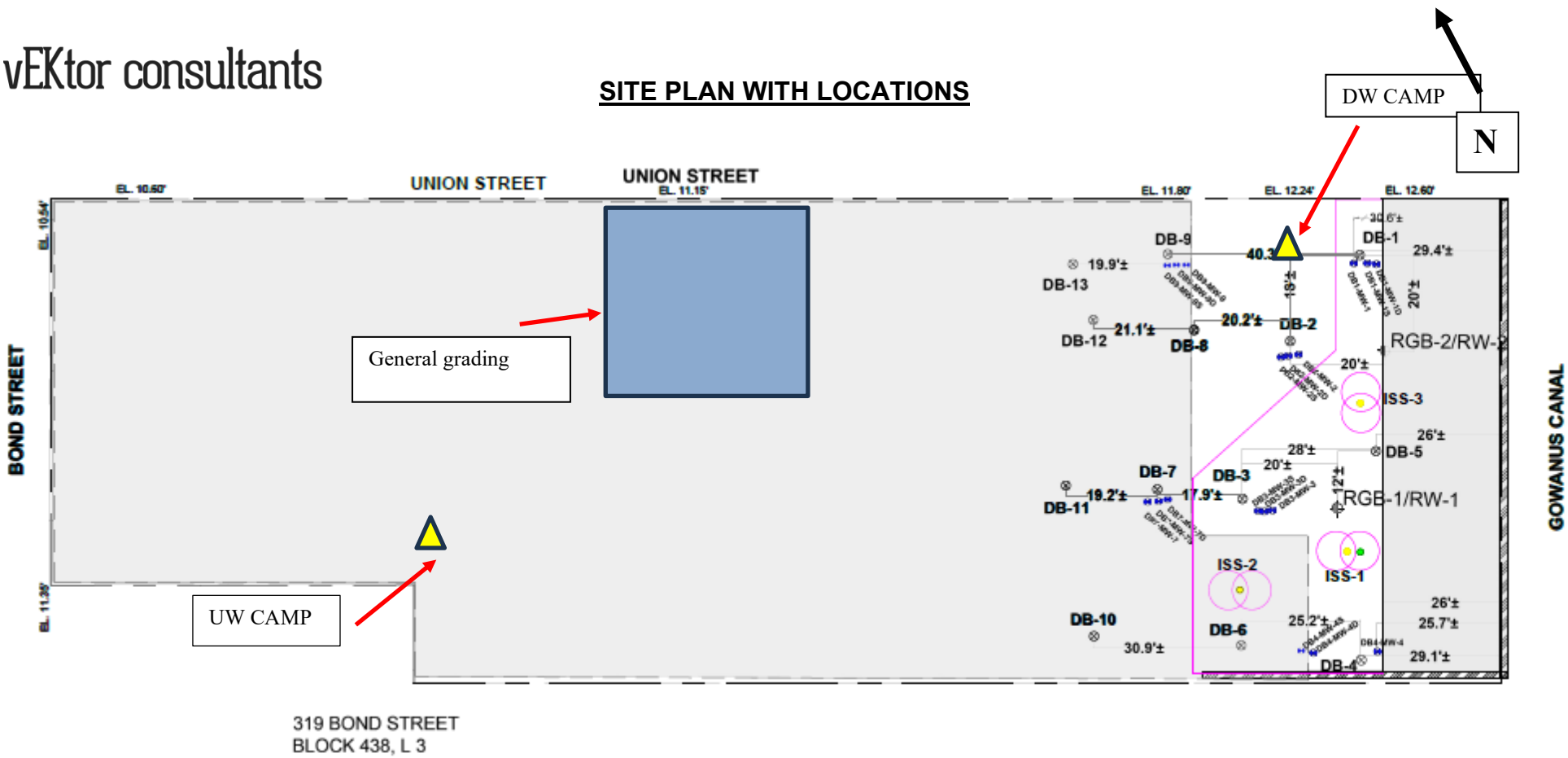


Photo Log

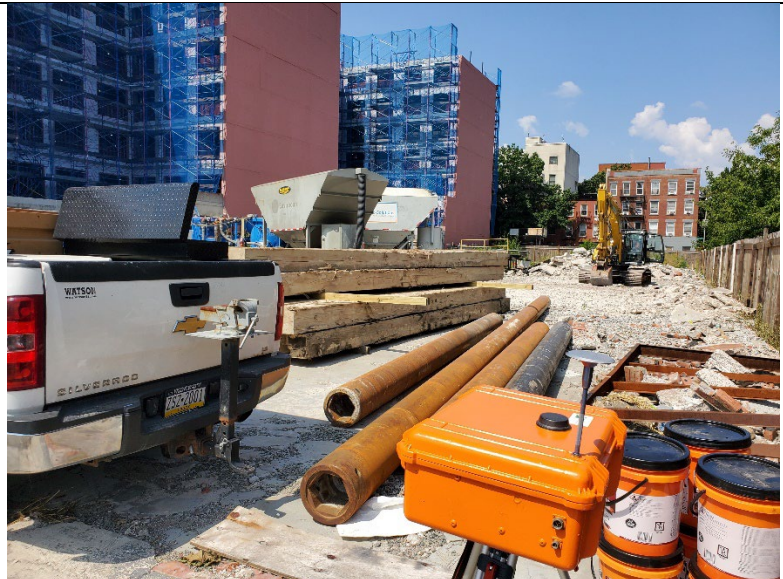
Photo 1:  
View of upwind CAMP station, facing east.



Photo 2:  
View of minor C&D restaging for ISS equipment setup, facing north.



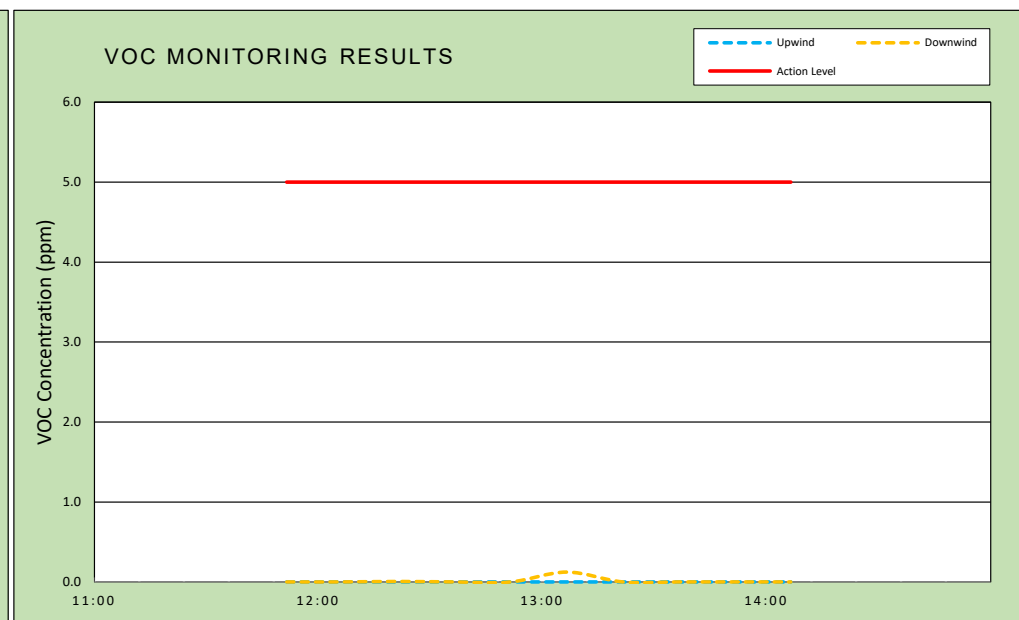
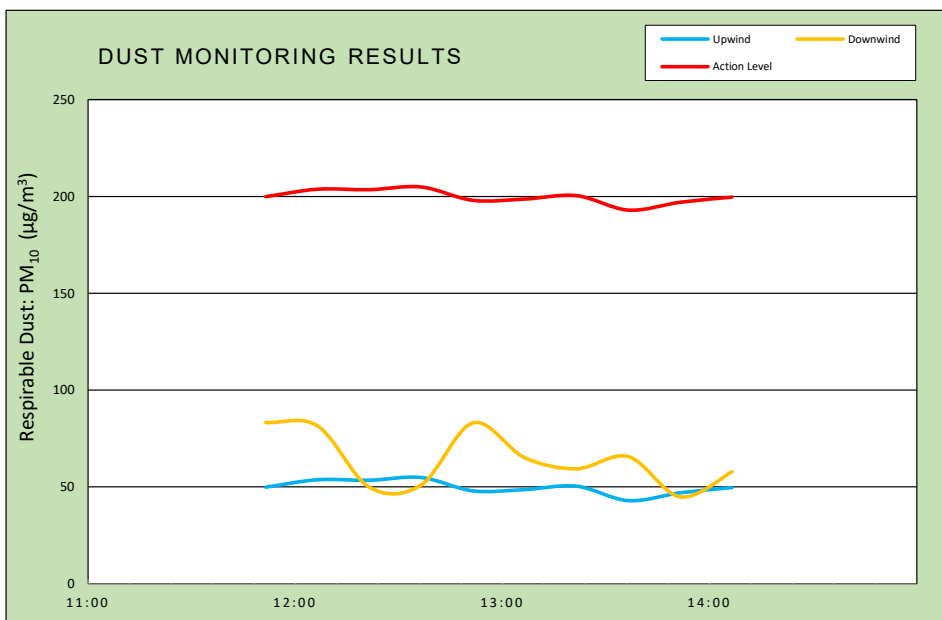
Photo 3:  
View of downwind CAMP station, facing west.



vEKtor consultants	<b>DAILY AIR MONITORING REPORT</b>  <b>450 Union Street</b>  <b>Brooklyn, New York</b>	08/14/2024	
		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m³
		VOC Action Level	5 ppm
37 W. 37th St, 6th Floor - New York, NY			

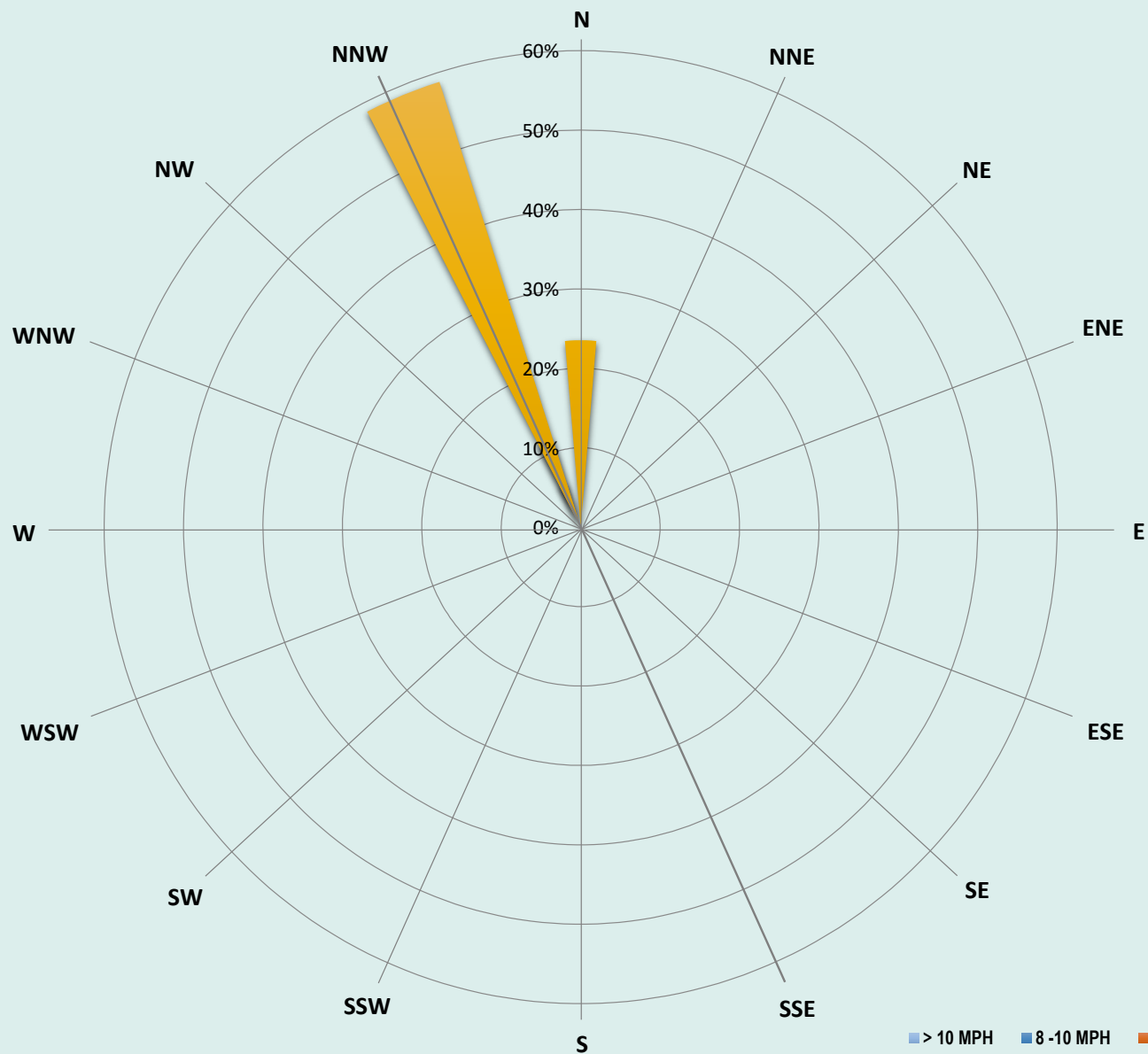
Weather Data Range for Work Day		Wind Direction	NNW	Relative Humidity (%)	37.0 - 53.0	Daily Rain Total (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	82.0 - 86.0	Wind Speed (MPH)	2.9 - 6.6	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	60.6	

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	49.6	54.9	12:37	0.0	0.0	11:48
Downwind	62.7	83.3	11:52	0.0	0.1	11:48



Air Monitoring Notes:

Weather Notes:



vEKTor - 450 Union St  
Air Monitoring  
08/14/24  
Wind Speed & Direction  
Daily Readings

Wednesday, August 14, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				10
Start Time:				11:52
End Time:				14:07
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> )	
11:52	49.9	11:52	83.3	-
12:07	53.7	12:07	81.5	-
12:22	53.5	12:22	49.8	-
12:37	54.9	12:37	51.0	-
12:52	48.0	12:52	83.1	-
13:07	48.6	13:07	65.1	-
13:22	50.4	13:22	59.4	-
13:37	42.9	13:37	65.7	-
13:52	47.0	13:52	44.9	-
14:07	49.7	14:07	57.9	-

Wednesday, August 14, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				11:48
End Time:				14:18
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
11:48	0.0	11:48	0.0	-
12:03	0.0	12:03	0.0	-
12:18	0.0	12:18	0.0	-
12:33	0.0	12:33	0.0	-
12:48	0.0	12:48	0.0	-
13:03	0.0	13:03	0.1	-
13:18	0.0	13:18	0.0	-
13:33	0.0	13:33	0.0	-
13:48	0.0	13:48	0.0	-
14:03	0.0	14:03	0.0	-
14:18	0.0	14:18	0.0	-