

DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

NYSDEC BCP Site No:	C224219	Date:	9/6/2024
Project Name:	450 Union Street, Brooklyn, NY		

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

Work Activities Performed:

- GSI continued decommissioning wells DB9-MW-9, DB9-MW-9S, and DB9-MW-9D. Wells were grouted and then pulled to the extent feasible. 25 feet of casing was removed for DB9-MW-9, 15 feet of casing was removed for DB9-MW-9S, and 5 feet of casing was removed for DB9-MW-9D.
- GSI continued removing the concrete site cover and staging for export.
- GSI chopped concrete debris with the hammer attachment and utilized fresh water to suppress dust, as needed.
- Vektor documented the decommissioning of the wells utilizing NYSDEC’s Well Decommissioning Record logs to ensure all work conducted was in accordance with NYSDEC’s CP-43 Well Decommissioning Policy.

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 north.

Background Levels (Initial Readings at Start of Day):
PID: 0.0 ppm Dust: 0.0331 mg/m³

Highest Levels:
PID: 0.0 ppm Dust: 0.117 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.
- Elevated particulate concentrations were detected at the upwind CAMP from 11:30 to 11:45 PM (Max. 0.117 mg/m³) from dusty site conditions. GSI applied dust suppression and readings normalized.
- No other VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.

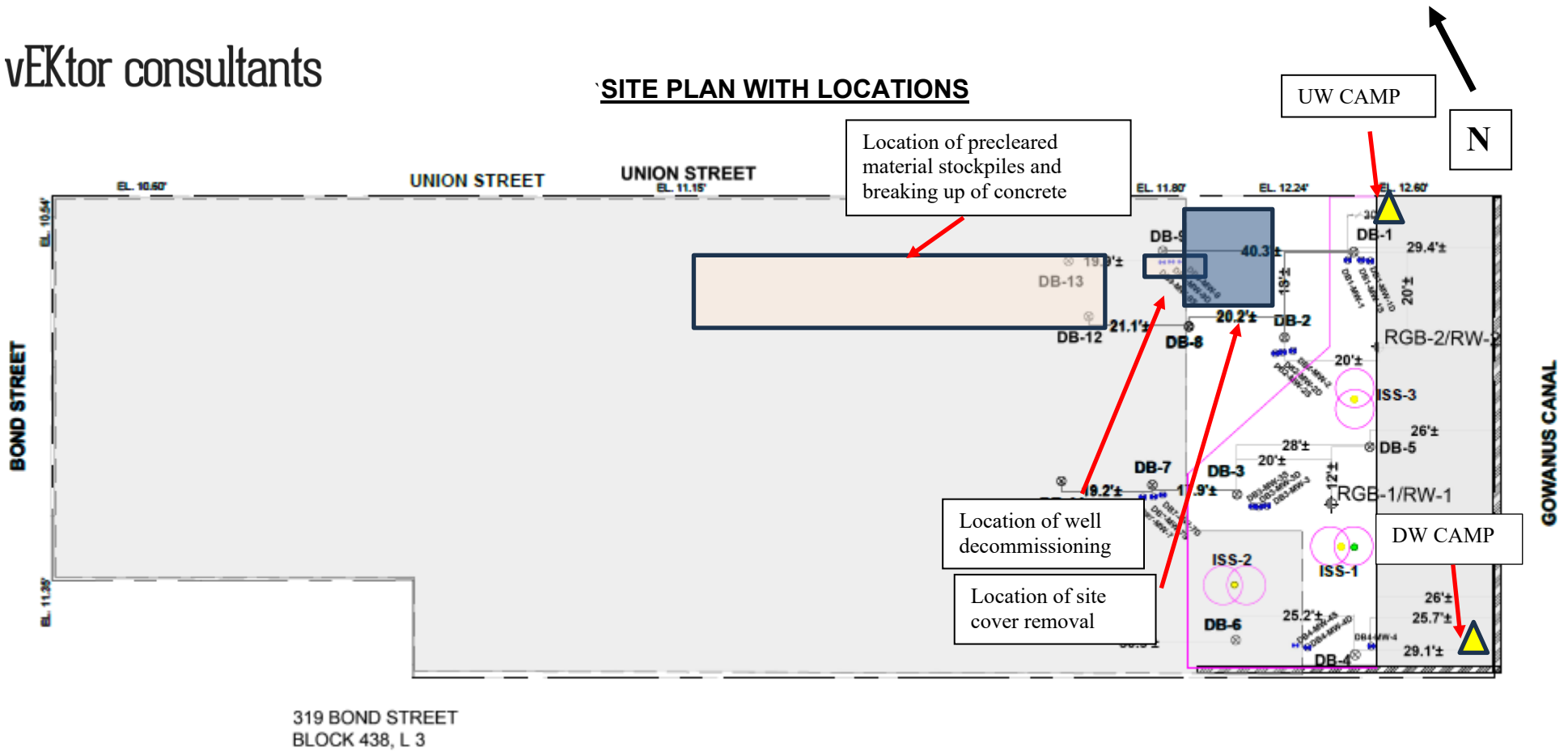
Problems Encountered

- None

Planned Activities for the Next Day

Continued 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. Submission of the RSO Work Plan for the full ISS scope of work pending receipt of the reagent mix wet sample analytical results.

SITE PLAN WITH LOCATIONS



319 BOND STREET
BLOCK 438, L 3

Photo Log

Photo 1:
View of GSI introducing grout for the DB9-MW clusters, view facing northwest.



Photo 2:
View of site cover removal, view facing southwest.



Photo 3:
View of GSI conducting general house-keeping with dust suppression, facing west.



Photo 4:
GSI pulling DB9-MW-9, view facing
west.



vEktor consultants

DAILY AIR MONITORING REPORT

450 Union Street Brooklyn, New York

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Project Number:

Dust Action Level

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

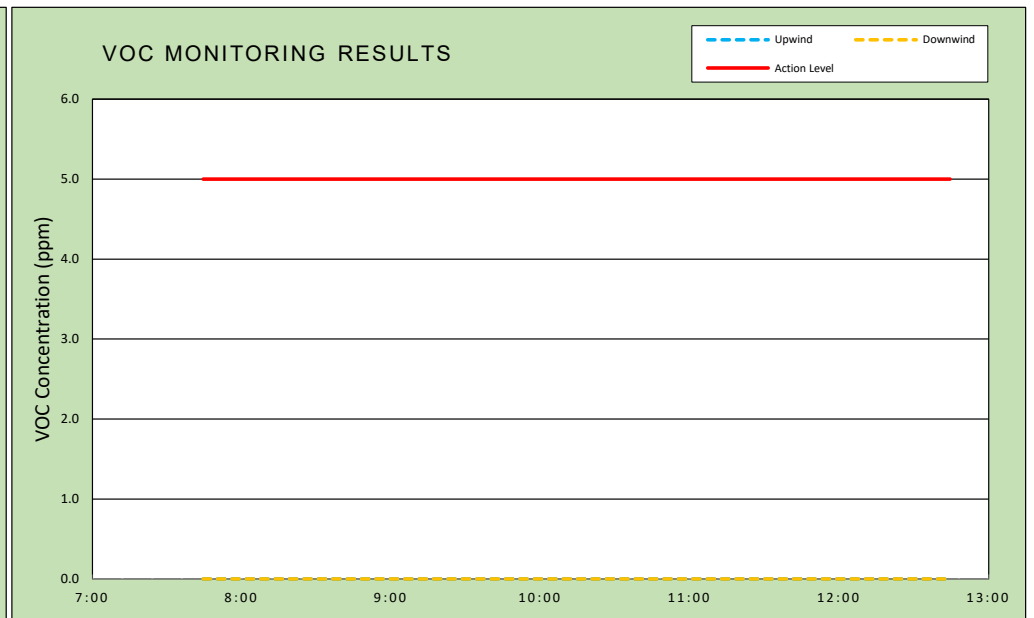
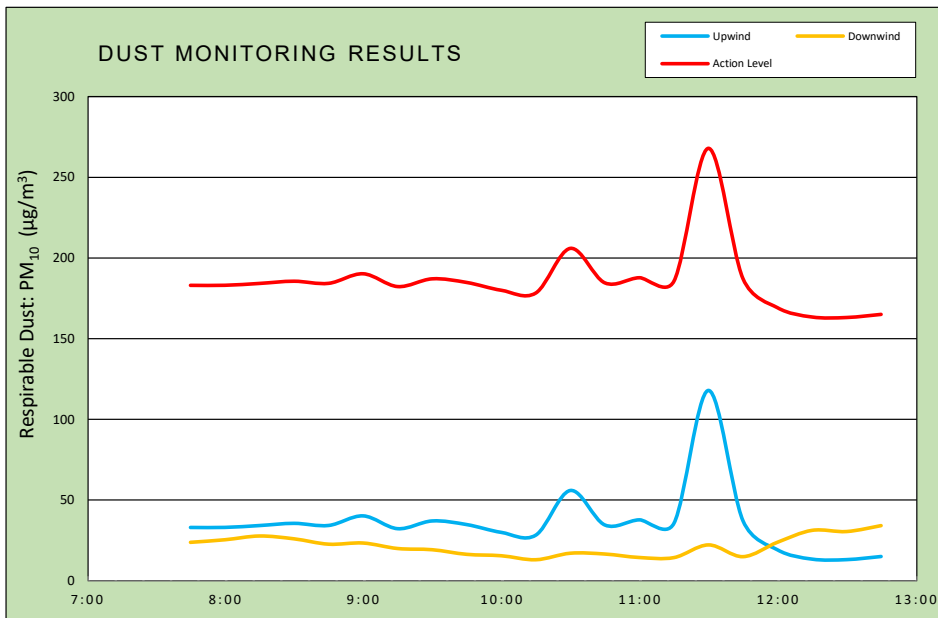
VOC Action Level

5 ppm

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

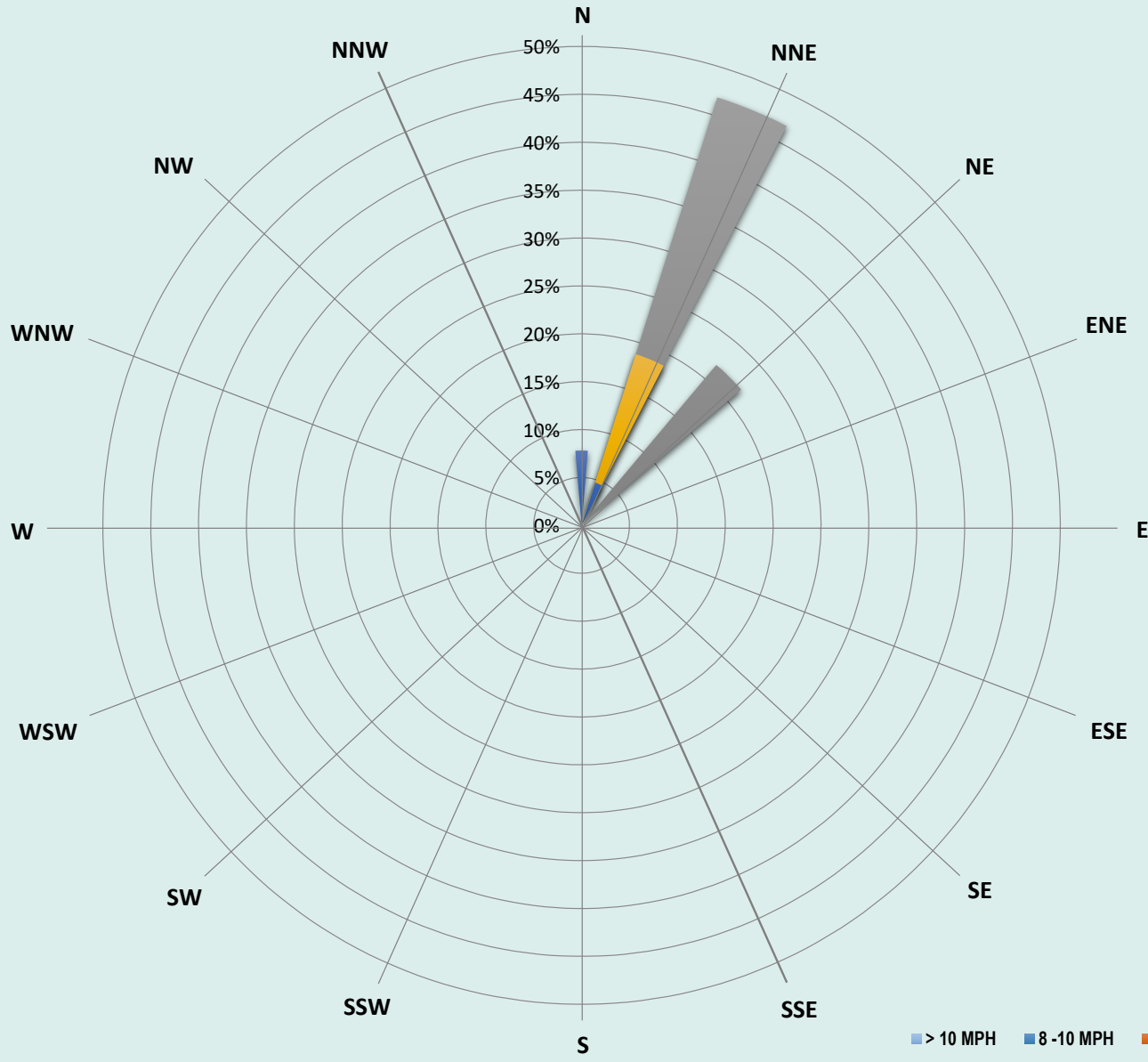
Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	64.0 - 90.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	65.0 - 76.0	Wind Speed (MPH)	1.7 - 5.9	Barometer (inHg)	30.10 - 30.20	Avg. Dew Point Temp (°F)	62.1	

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	35.8	117.9	11:30	0.0	0.0	7:45
Downwind	21.6	34.2	12:45	0.0	0.0	7:45



Air Monitoring Notes:

Weather Notes:



vEKtor - 450 Union St
Air Monitoring
09/06/24
Wind Speed & Direction
Daily Readings

Friday, September 6, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				21
Start Time:				7:45
End Time:				12:45
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	33.1	7:45	23.8	-
8:00	33.1	8:00	25.4	-
8:15	34.2	8:15	27.8	-
8:30	35.6	8:30	26.0	-
8:45	34.3	8:45	22.7	-
9:00	40.2	9:00	23.4	-
9:15	32.3	9:15	20.0	-
9:30	37.1	9:30	19.3	-
9:45	34.8	9:45	16.4	-
10:00	30.0	10:00	15.5	-
10:15	28.3	10:15	13.1	-
10:30	56.0	10:30	17.1	-
10:45	34.6	10:45	16.6	-
11:00	37.8	11:00	14.4	-
11:15	35.6	11:15	14.4	-
11:30	117.9	11:30	22.2	-
11:45	37.2	11:45	15.0	-
12:00	19.2	12:00	23.9	-
12:15	13.4	12:15	31.3	-
12:30	13.1	12:30	30.5	-
12:45	15.1	12:45	34.2	-

Friday, September 6, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:45
End Time:				12:45
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	0.0	8:15	0.0	-
8:30	0.0	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	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	0.0	11:00	0.0	-
11:15	0.0	11:15	0.0	-
11:30	0.0	11:30	0.0	-
11:45	0.0	11:45	0.0	-
12:00	0.0	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	-