

Prepared By: Peter Rath sack

NYSDEC BCP Site No:	C224219	Date:	03/15/2023
Project Name:	450 Union Street	Weather:	Overcast/Rain, 32-50 °F
Client:	2201 Union LLC	Time:	8:00 – 15:25

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Peter Rath sack

Geotechnical: Mueser Rutledge – Ben Jahnke

Driller: Coastal Environmental Solutions – Marc Morgenstern, John Slavin, Matt Holliday

NYSDEC Representative: WSP - Sunlei Yang

Work Activities Performed:

- Coastal mobilized with Geoprobe 7822DT to resume installation of geotechnical boring: MR-11 (which was originally started last week and was installed to 70 feet). Coastal was able to advance to only 35 feet where the borehole was collapsed. Coastal cleared out the borehole and advanced the boring to 70 feet utilizing mud rotary drilling in order to collect geotechnical samples. However, they were not able install the boring any deeper due to collapsing. No samples were retrieved.
- All soil cuttings were placed into a 55-gallon drum at the Site for future off-site disposal, and the borehole was backfilled with No. 2 sand and patched with concrete slurry.

Community Air Monitoring Program

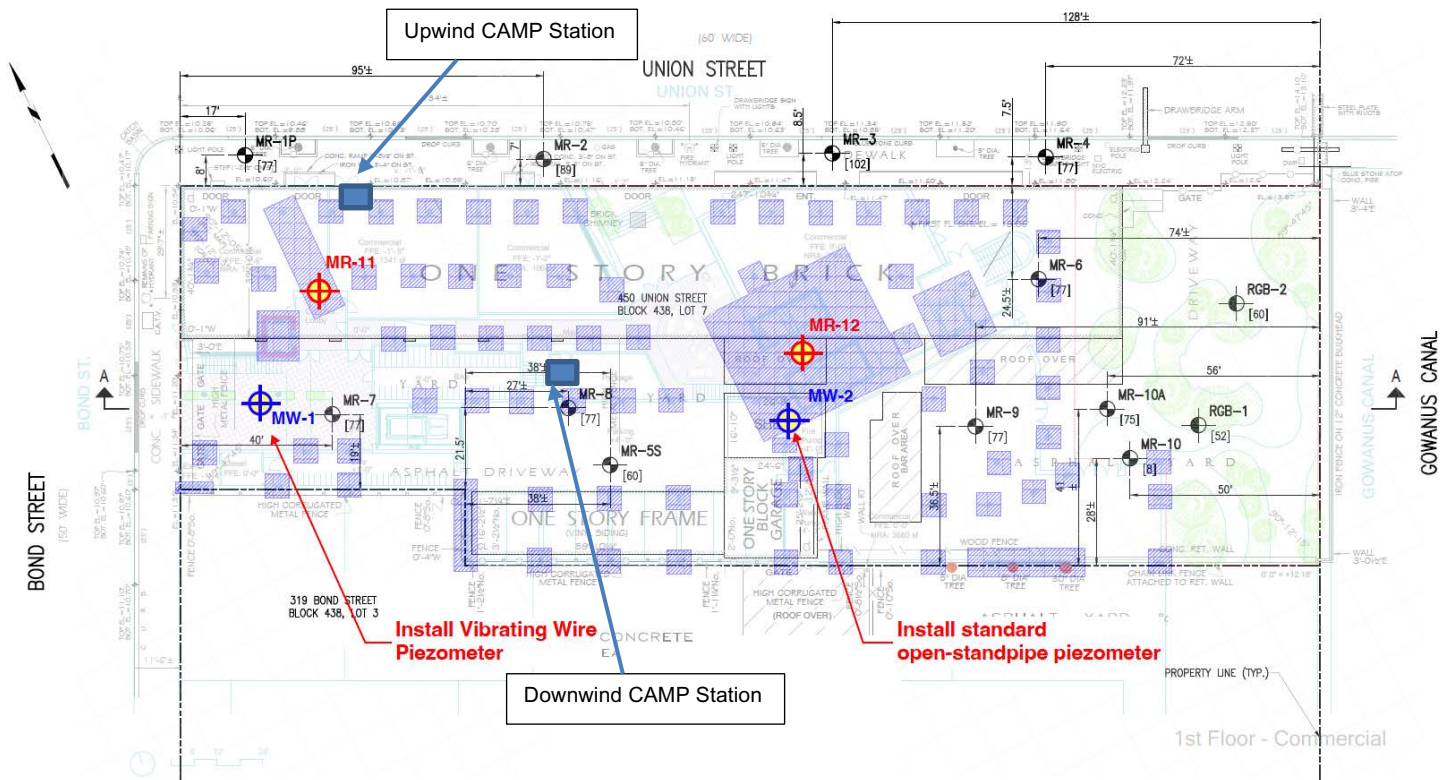
Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. No CAMP exceedances were observed.

Problems Encountered

Collapsing borehole prevented further installation of the boring to the originally planned 100 feet.

Planned Activities for the Next Day

Installation of geotechnical boring MR-12

SITE PLAN / WORK AREAS**LEGEND:**

MW-1

SHALLOW WELL



MR-12

SUPPLEMENTAL DEEP BORING
- NO SAMPLING IN TOP 45-FT +/-**PLAN**

PHOTO LOG

Photo 1: View of Geoprobe being setup to prior to drilling.



Photo 2: View of the downwind CAMP station during installation of MR-11. Additional absorbent boom was placed by the door to prevent potential off-site migration of fluids.

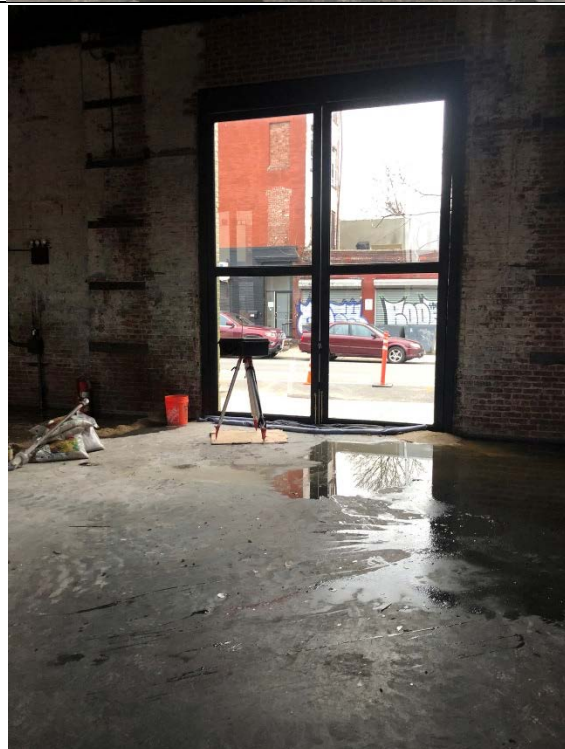


Photo 3: View of upwind CAMP station during installation of MR-11.



Photo 4: View of work area containment with absorbent booms



CAMP DATA - PID UPWIND & DOWNWIND

Site: 450 Union Street
Date: 3/15/23
Location: Downwind
Summary: No VOC detections

Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-915354
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reason:

Begin: 3/15/23 7:22:48 AM
End: 3/15/23 1:22:48 PM

Low Alarm 5.0
High Alarm 25.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 3/15/23 7:18

Peak: 0.5 ppm
Min: 0.0 ppm
Average: 0.3 ppm

Datalog:

Date	Time	PID (ppm)
3/15/23	7:22:48 AM	0.1
3/15/23	7:37:48 AM	0.2
3/15/23	7:52:48 AM	0.3
3/15/23	8:07:48 AM	0.3
3/15/23	8:22:48 AM	0.3
3/15/23	8:37:48 AM	0.3
3/15/23	8:52:48 AM	0.3
3/15/23	9:07:48 AM	0.3
3/15/23	9:22:48 AM	0.3
3/15/23	9:37:48 AM	0.3
3/15/23	9:52:48 AM	0.3
3/15/23	10:07:48 AM	0.3
3/15/23	10:22:48 AM	0.3
3/15/23	10:37:48 AM	0.3
3/15/23	10:52:48 AM	0.3
3/15/23	11:07:48 AM	0.3
3/15/23	11:22:48 AM	0.3
3/15/23	11:37:48 AM	0.3
3/15/23	11:52:48 AM	0.3
3/15/23	12:07:48 PM	0.3
3/15/23	12:22:48 PM	0.3
3/15/23	12:37:48 PM	0.3
3/15/23	12:52:48 PM	0.3
3/15/23	1:07:48 PM	0.3
3/15/23	1:22:48 PM	0.3

Site: 450 Union Street
Date: 3/15/23
Location: Upwind
Summary: No VOC detections

Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-915354
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reason:

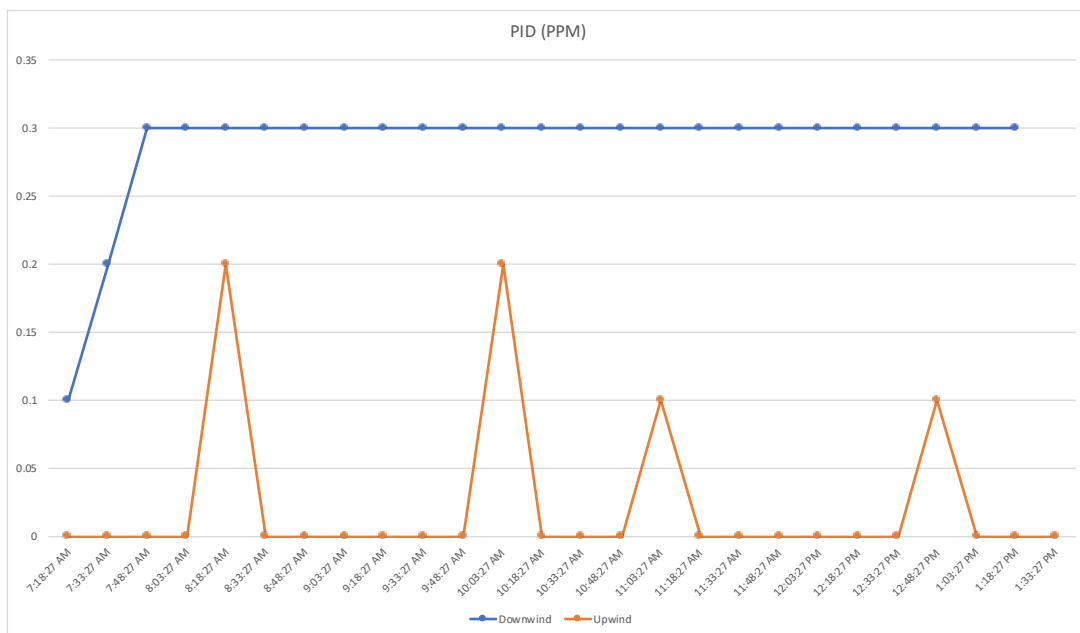
Begin: 3/15/23 7:18:27 AM
End: 3/15/23 1:33:27 PM

Low Alarm 5.0
High Alarm 25.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 3/15/202 7:17

Peak: 0.2 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
3/15/23	7:18:27 AM	0.0
3/15/23	7:33:27 AM	0.0
3/15/23	7:48:27 AM	0.0
3/15/23	8:03:27 AM	0.0
3/15/23	8:18:27 AM	0.2
3/15/23	8:33:27 AM	0.0
3/15/23	8:48:27 AM	0.0
3/15/23	9:03:27 AM	0.0
3/15/23	9:18:27 AM	0.0
3/15/23	9:33:27 AM	0.0
3/15/23	9:48:27 AM	0.0
3/15/23	10:03:27 AM	0.2
3/15/23	10:18:27 AM	0.0
3/15/23	10:33:27 AM	0.0
3/15/23	10:48:27 AM	0.0
3/15/23	11:03:27 AM	0.1
3/15/23	11:18:27 AM	0.0
3/15/23	11:33:27 AM	0.0
3/15/23	11:48:27 AM	0.0
3/15/23	12:03:27 PM	0.0
3/15/23	12:18:27 PM	0.0
3/15/23	12:33:27 PM	0.0
3/15/23	12:48:27 PM	0.1
3/15/23	1:03:27 PM	0.0
3/15/23	1:18:27 PM	0.0
3/15/23	1:33:27 PM	0.0



CAMP DATA - DUST UPWIND & DOWNWIND

Site: 450 Union Street
 Location: Upwind
 Model Number: DustTrak II
 Serial Number: 8530145205
 Date: 3/15/23
 Start Time: 7:19:35 AM
 End Time: 1:34:35 PM

Log Period 00:15:00
 CalFactor 1
 Unit 0
 Unit Name ug/m3
 TempUnits C
 RH Correct Enabled

Site: 450 Union Street
 Location: Downwind
 Model Number: DustTrak II
 Serial Number: 8530122521
 Date: 3/15/23
 Start Time: 7:25:15 AM
 End Time: 1:40:15 PM

Log Period 00:15:00
 CalFactor 1
 Unit 0
 Unit Name ug/m3
 TempUnits C
 RH Correct Enabled

Datalog:	Date & Time	Mass [ug/m3]
	7:19:35 AM	3
	7:34:35 AM	2
	7:49:35 AM	3
	8:04:35 AM	2
	8:19:35 AM	2
	8:34:35 AM	3
	8:49:35 AM	2
	9:04:35 AM	3
	9:19:35 AM	2
	9:34:35 AM	2
	9:49:35 AM	2
	10:04:35 AM	2
	10:19:35 AM	2
	10:34:35 AM	2
	10:49:35 AM	2
	11:04:35 AM	1
	11:19:35 AM	1
	11:34:35 AM	2
	11:49:35 AM	3
	12:04:35 PM	3
	12:19:35 PM	1
	12:34:35 PM	1
	12:49:35 PM	2
	1:04:35 PM	4
	1:19:35 PM	4
	1:34:35 PM	4

Datalog:	Date & Time	Mass [ug/m3]
	7:25:15 AM	8
	7:40:15 AM	19
	7:55:15 AM	9
	8:10:15 AM	7
	8:25:15 AM	7
	8:40:15 AM	8
	8:55:15 AM	9
	9:10:15 AM	9
	9:25:15 AM	9
	9:40:15 AM	10
	9:55:15 AM	8
	10:10:15 AM	9
	10:25:15 AM	9
	10:40:15 AM	8
	10:55:15 AM	8
	11:10:15 AM	8
	11:25:15 AM	8
	11:40:15 AM	8
	11:55:15 AM	9
	12:10:15 PM	9
	12:25:15 PM	9
	12:40:15 PM	8
	12:55:15 PM	8
	1:10:15 PM	8
	1:25:15 PM	9
	1:40:15 PM	7

