

Prepared By: Peter Rath sack

NYSDEC BCP Site No:	C224219	Date:	03/16/2023
Project Name:	450 Union Street	Weather:	Overcast/Sunny, 45-60 °F
Client:	2201 Union LLC	Time:	8:00 – 15:00

Personnel On-Site:

Environmental Consultant: Vektor Consultants – Peter Rath sack
Geotechnical: Mueser Rutledge – Ben Jahnke
Driller: Coastal Environmental Solutions –John Slavin, Mike Martino
NYSDEC Representative: WSP - Sunlei Yang

Work Activities Performed:

- Coastal mobilized with Geoprobe 7822DT to install geotechnical boring: MR-12. Coastal installed casing to 20 feet below ground surface (bgs), then advanced the boring to 40 feet bgs utilizing mud rotary drilling technique. Coastal then provided Mueser Rutledge geotechnical samples utilizing a spoon sampler every 5 feet. Samples were collected at the following depths: 40, 50, 55, 60, and 65 feet bgs. Sample 70 resulted in no recovery. Sampling ceased after this with plans to resume the next day.
- All soil cuttings were placed into a 55-gallon drum at the Site for future off-site disposal.

Community Air Monitoring Program

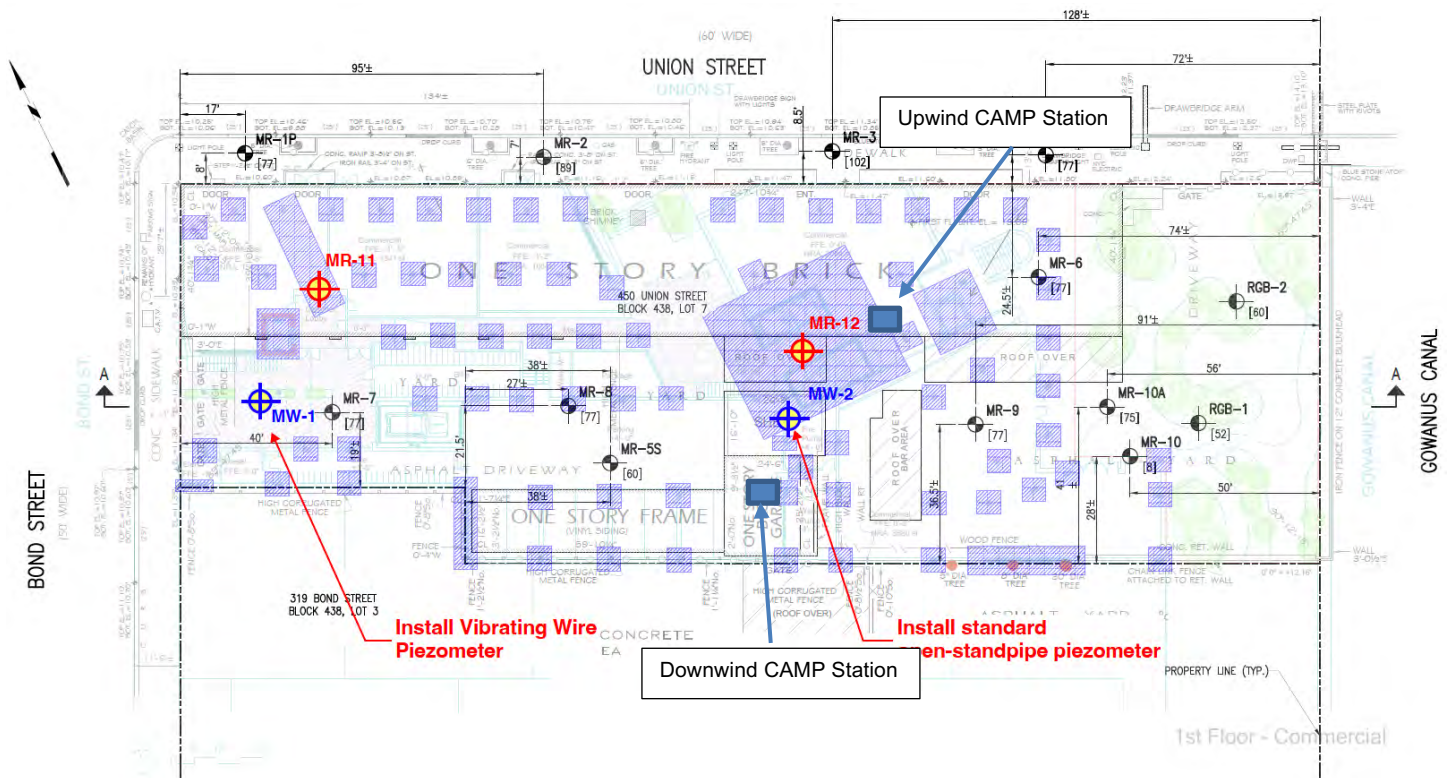
Real-time Community Air Monitoring Plan (CAMP) was implemented during all intrusive work at an upwind and a downwind location. No CAMP exceedances were observed.

Problems Encountered

N/A

Planned Activities for the Next Day

Resume installation of 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 installation of casing at MR-11.



Photo 2: View of Geoprobe and containment area.



Photo 3: View of spoon sample from MR-12 collected at 65 feet bgs.



Photo 4: View of work area immediately after drilling ceased for the day.



Photo 5: View of the Site from canal facing northwest.



Photo 6: View of the downgradient CAMP station



CAMP DATA - PID UPWIND & DOWNWIND

Site: 450 Union Street
Date: 3/16/23
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 Reson: No

Begin: 3/16/23 7:23:12 AM
End: 3/16/23 2:38:12 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 3/16/23 7:20

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

Datalog:

Date	Time	PID (ppm)
3/16/23	7:23:12 AM	0.1
3/16/23	7:38:12 AM	0.2
3/16/23	7:53:12 AM	0.2
3/16/23	8:08:12 AM	0.3
3/16/23	8:23:12 AM	0.3
3/16/23	8:38:12 AM	0.2
3/16/23	8:53:12 AM	0.3
3/16/23	9:08:12 AM	0.3
3/16/23	9:23:12 AM	0.3
3/16/23	9:38:12 AM	0.2
3/16/23	9:53:12 AM	0.3
3/16/23	10:08:12 AM	0.3
3/16/23	10:23:12 AM	0.2
3/16/23	10:38:12 AM	0.3
3/16/23	10:53:12 AM	0.3
3/16/23	11:08:12 AM	0.3
3/16/23	11:23:12 AM	0.3
3/16/23	11:38:12 AM	0.3
3/16/23	11:53:12 AM	0.2
3/16/23	12:08:12 PM	0.3
3/16/23	12:23:12 PM	0.3
3/16/23	12:38:12 PM	0.3
3/16/23	12:53:12 PM	0.2
3/16/23	1:08:12 PM	0.3
3/16/23	1:23:12 PM	0.3
3/16/23	1:38:12 PM	0.3
3/16/23	1:53:12 PM	0.3
3/16/23	2:08:12 PM	0.3
3/16/23	2:23:12 PM	0.3
3/16/23	2:38:12 PM	0.3

Site: 450 Union Street
Date: 3/16/23
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 Reson: No

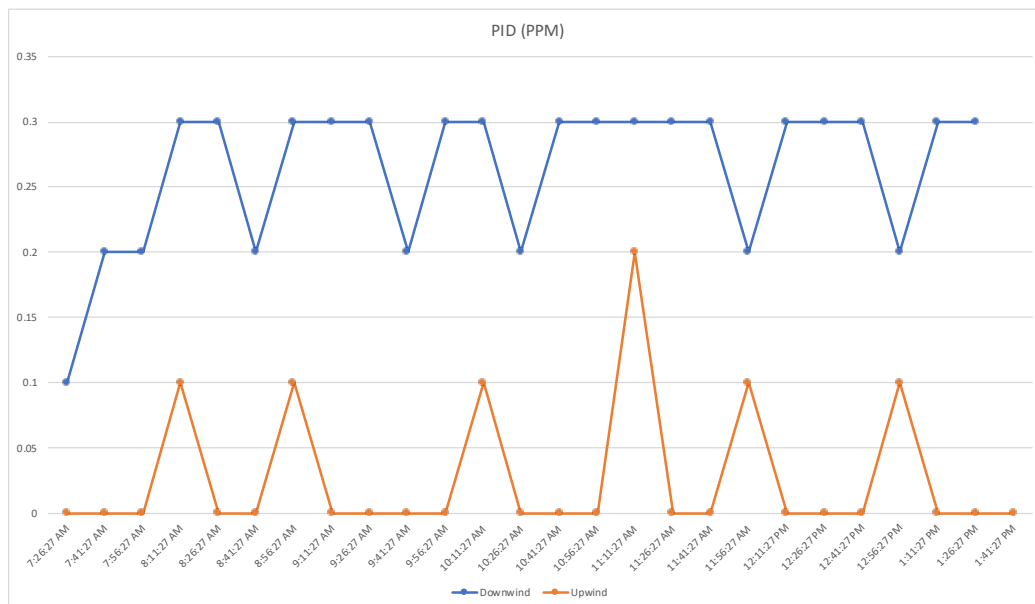
Begin: 3/16/23 7:26:27 AM
End: 3/16/23 2:41:27 PM

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 3/16/23

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

Datalog:

Date	Time	PID (ppm)
3/16/23	7:26:27 AM	0.0
3/16/23	7:41:27 AM	0.0
3/16/23	7:56:27 AM	0.0
3/16/23	8:11:27 AM	0.1
3/16/23	8:26:27 AM	0.0
3/16/23	8:41:27 AM	0.0
3/16/23	8:56:27 AM	0.1
3/16/23	9:11:27 AM	0.0
3/16/23	9:26:27 AM	0.0
3/16/23	9:41:27 AM	0.0
3/16/23	9:56:27 AM	0.0
3/16/23	10:11:27 AM	0.1
3/16/23	10:26:27 AM	0.0
3/16/23	10:41:27 AM	0.0
3/16/23	10:56:27 AM	0.0
3/16/23	11:11:27 AM	0.2
3/16/23	11:26:27 AM	0.0
3/16/23	11:41:27 AM	0.0
3/16/23	11:56:27 AM	0.1
3/16/23	12:11:27 PM	0.0
3/16/23	12:26:27 PM	0.0
3/16/23	12:41:27 PM	0.0
3/16/23	12:56:27 PM	0.1
3/16/23	1:11:27 PM	0.0
3/16/23	1:26:27 PM	0.0
3/16/23	1:41:27 PM	0.0
3/16/23	1:56:27 PM	0.0
3/16/23	2:11:27 PM	0.1
3/16/23	2:26:27 PM	0.0
3/16/23	2:41:27 PM	0.0



CAMP DATA - DUST UPWIND & DOWNWIND

Site: 450 Union Street
 Location: Upwind
 Model Number: DustTrak II
 Serial Number: 8530145205
 Date: 3/16/23
 Start Time: 7:33:30 AM
 End Time: 2:48:30 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: 3/16/23
 Start Time: 7:32:16 AM
 End Time: 2:47:16 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]
	7:33:30 AM	16
	7:48:30 AM	15
	8:03:30 AM	17
	8:18:30 AM	17
	8:33:30 AM	17
	8:48:30 AM	18
	9:03:30 AM	12
	9:18:30 AM	12
	9:33:30 AM	13
	9:48:30 AM	15
	10:03:30 AM	15
	10:18:30 AM	12
	10:33:30 AM	13
	10:48:30 AM	14
	11:03:30 AM	14
	11:18:30 AM	14
	11:33:30 AM	14
	11:48:30 AM	15
	12:03:30 PM	15
	12:18:30 PM	14
	12:33:30 PM	15
	12:48:30 PM	15
	1:03:30 PM	17
	1:18:30 PM	19
	1:33:30 PM	17
	1:48:30 PM	16
	2:03:30 PM	16
	2:18:30 PM	16
	2:33:30 PM	16
	2:48:30 PM	19

Datalog:	Date & Time	Mass [ug/m3]
	7:32:16 AM	32
	7:47:16 AM	26
	8:02:16 AM	23
	8:17:16 AM	24
	8:32:16 AM	22
	8:47:16 AM	20
	9:02:16 AM	16
	9:17:16 AM	15
	9:32:16 AM	15
	9:47:16 AM	16
	10:02:16 AM	16
	10:17:16 AM	13
	10:32:16 AM	12
	10:47:16 AM	13
	11:02:16 AM	12
	11:17:16 AM	12
	11:32:16 AM	12
	11:47:16 AM	12
	12:02:16 PM	11
	12:17:16 PM	11
	12:32:16 PM	11
	12:47:16 PM	11
	1:02:16 PM	12
	1:17:16 PM	14
	1:32:16 PM	14
	1:47:16 PM	13
	2:02:16 PM	14
	2:17:16 PM	14
	2:32:16 PM	14
	2:47:16 PM	17

