



# GZA DAILY FIELD REPORT 008

DATE: 04/07/2023  
FILE NO: 03.0034060.10

**PROJECT:** Nevins Street Utility Work  
**LOCATION:** Brooklyn, New York  
**CLIENT:** National Grid  
**CONTRACTOR(S):** ConEdison  
MECC Contracting, Inc. (MECC)

**PREPARED BY:** Geder Mena (GZA)  
**REVIEWED BY:** Dan Amate (GZA)  
**ATTACHMENTS:** Table 1 – Site Daily Summary  
Figure 1 – CAMP Stations Locations  
Photo Log  
Air Monitoring Results  
Waste Manifest

## SUMMARY

The following report summarizes the utility work performed by ConEdison along Nevins Street between Douglass Street and Degraw Street. Refer to the attached Field Sketch for approximate location of the work performed. General photographs of site activity are included in the attached photo log.

## SITE DAILY SUMMARY

<b>DATE:</b>	Friday, April 7, 2023	
<b>WEATHER:</b>	Mostly Cloudy, 50°s Wind DIRECTION W 10 to 15 mph	
	<b>PESONNEL</b>	<b>TIME</b>
GZA	Geder Mena	0700-1500
ConEdison	Garfield Lewis	1100-1300
MECC	Reggie Ferraz 4 labors, 1 operating engineer	0800-1345
<b>SITE VISITORS:</b>		
WSP	Sunlei Yang (NYSDEC Inspector)	1030-1200

## WORK PERFORMED AND OBSERVATIONS

ConEdison Contractor’s (MECC) continued work within the Nevins Street right-of-way in preparation for the installation of an electric manhole located along Nevins Street between Douglass Street and Degraw Street. MECC excavated a trench approximately 3.5 feet below grade for the electrical utility in Nevins Street. MECC installed electrical conduit and placed poly sheeting prior backfilling the excavation.



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GZA observed soil within the excavation. Soil consists of brown silty sand, brick fragments, dry, slight petroleum odor encountered at approximately 3 feet below grade.

The following equipment was used:

- CASE 590 Super N backhoe

### COMMUNITY AIR MONITORING

On March 29, 2023, GZA, on behalf of National Grid, mobilized two CAMP stations to the work area. The air monitoring stations include a MiniRAE 3000+ PID and TSI Dust Trak DRX Dust Meter in a weather-tight enclosure. The two stations, AMS-1 and AMS-2 were positioned upwind and downwind of the work area, respectively. Community air monitoring was conducted for total volatile organic compounds (TVOCs) and airborne particulate dust (PM<sub>10</sub>) during working hours. Action Levels utilized for the monitoring were 5.0 ppm (15-minute TWA) for TOVCs and 0.150 mg/m<sup>3</sup> (15-minute TWA) for PM<sub>10</sub>.

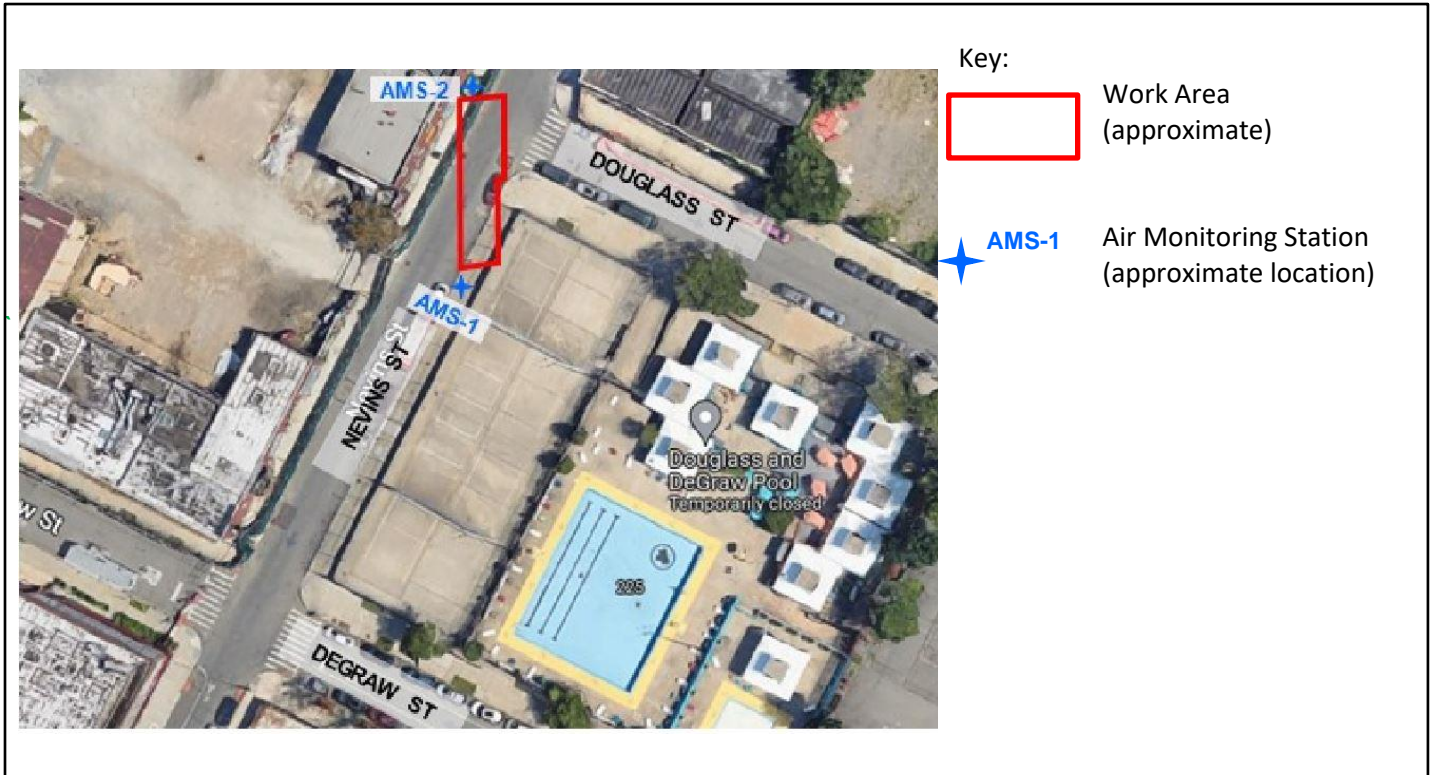
During the monitoring period, no TVOC or PM<sub>10</sub> concentrations greater than the Action Levels were detected during working hours. Refer to attached air monitoring results.



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Figure 1 – CAMP Station Locations





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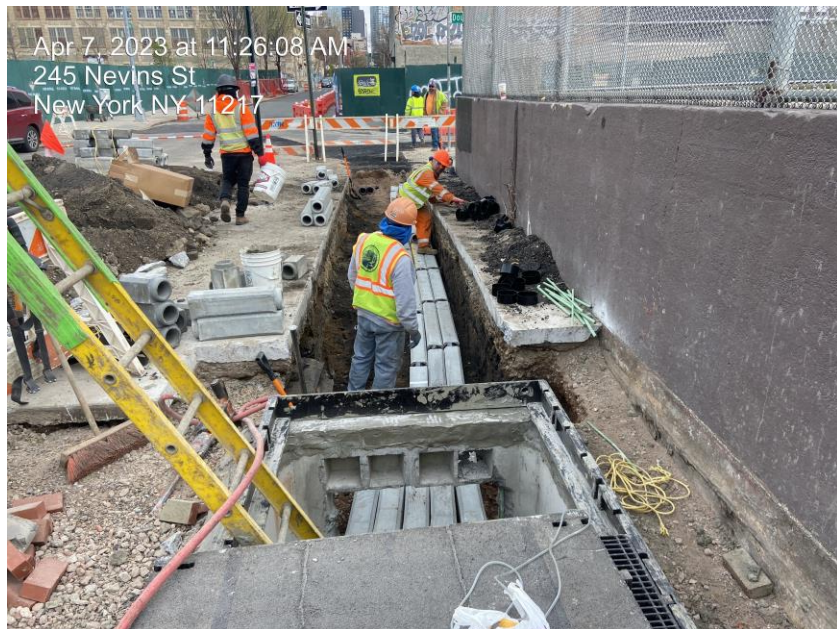
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FILE NO: 03.0034060.10

## PHOTO LOG



**PHOTOGRAPH 1**

MECC excavating for the electrical utility along Nevins Street.



**PHOTOGRAPH 2**

MECC installing electrical conduit with the trench





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DATE: 04/07/2023  
FILE NO: 03.0034060.10



**PHOTOGRAPH 3**

MECC placed poly sheeting prior backfilling the excavation.



**PHOTOGRAPH 4**

MECC backfilled and covered the excavation end of work day.



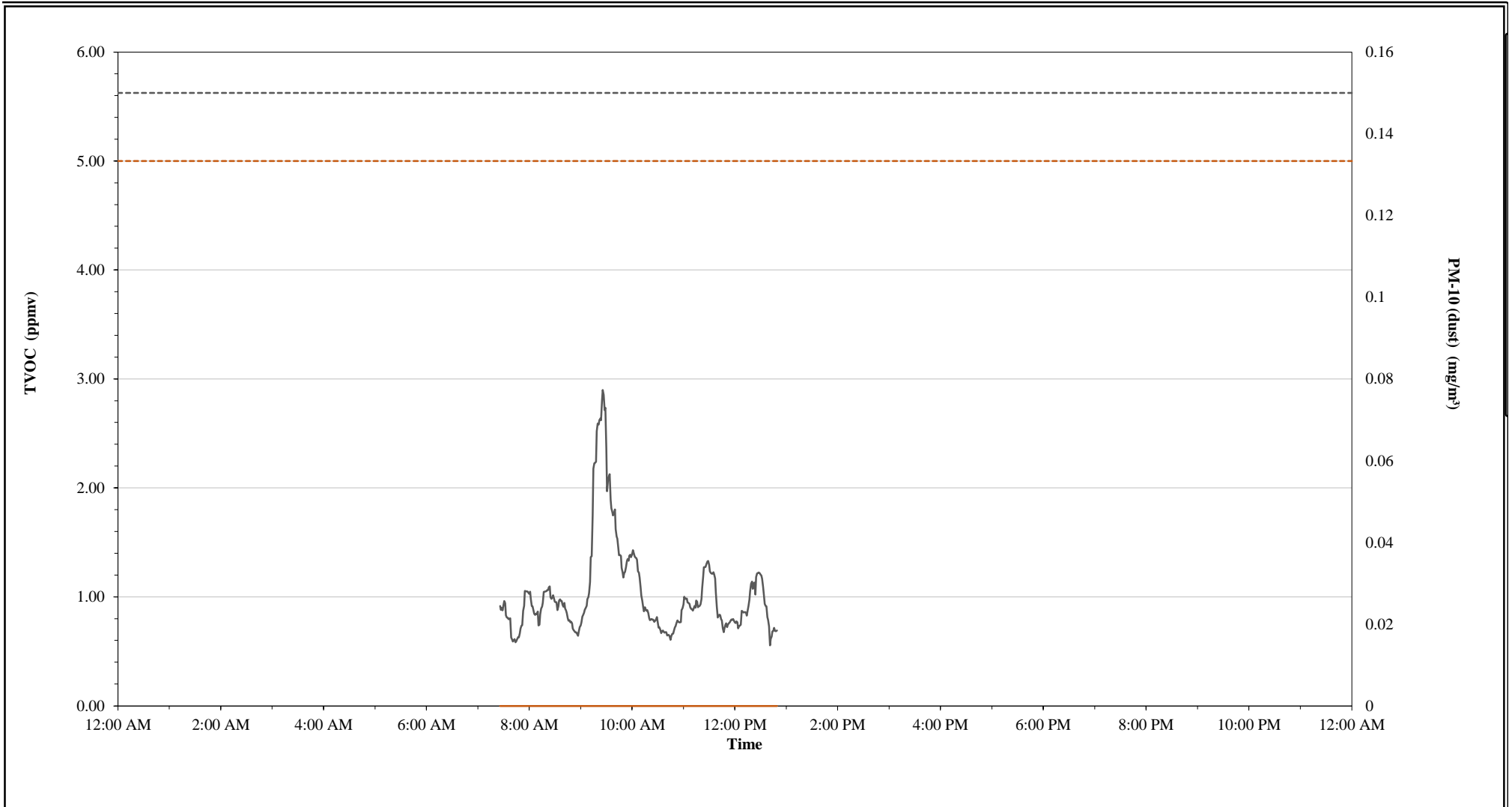
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## AIR MONITORING RESULTS

04-07-23

# AMS-1 Upwind

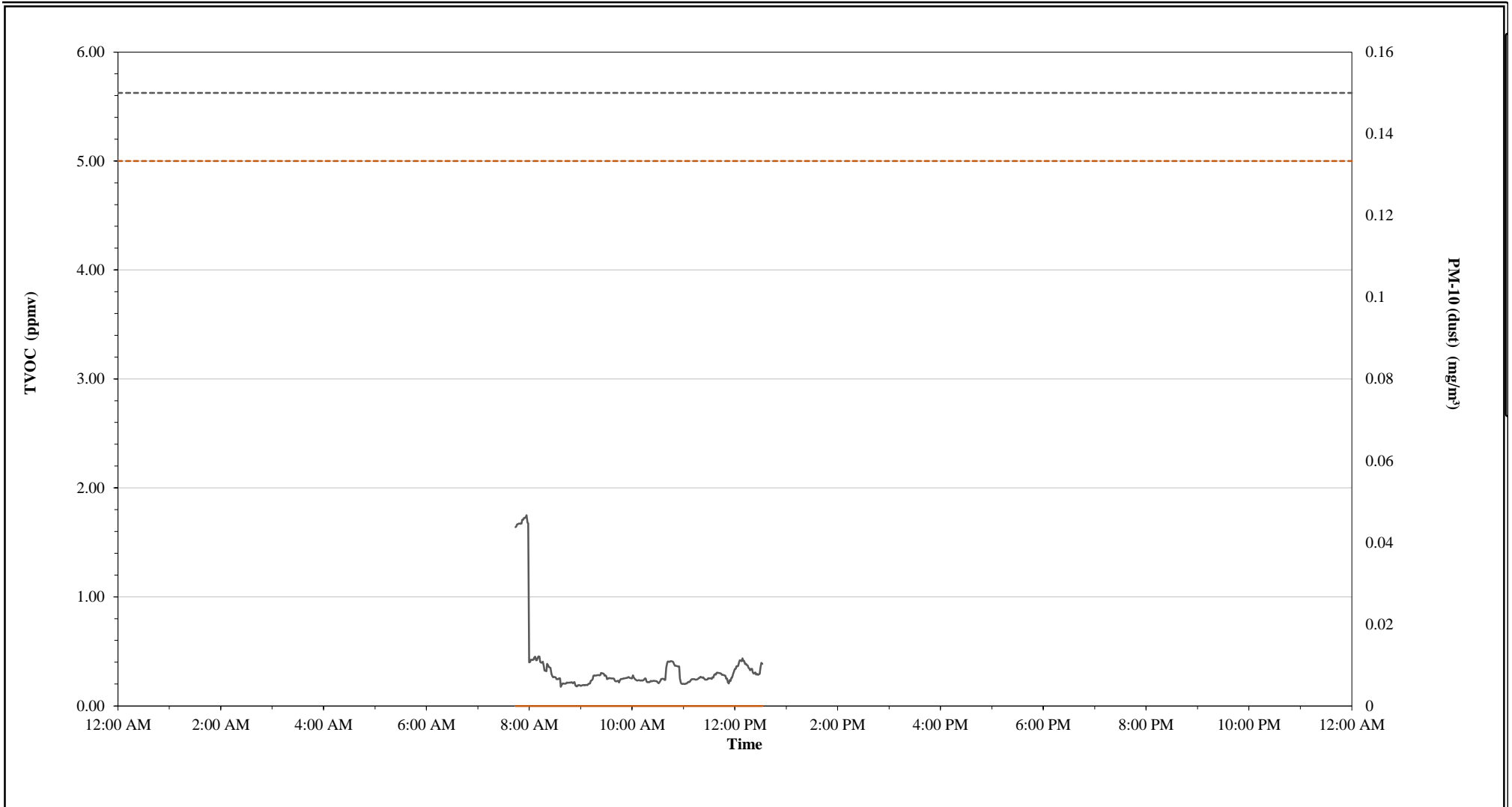


----- 15 min TWA TVOC Action Level = 5ppmv     
 — 15-min TVOC (ppmv)     
 ----- 15 min TWA PM-10 Action Level = 0.15 mg/m<sup>3</sup>     
 — 15-min PM-10 ( mg/m<sup>3</sup> )

15 Minute TWA Data Summary Statistics			
TVOC min =	0.00	PM-10 min =	0.01
TVOC max =	0.00	PM-10 max =	0.08
TVOC 24hr Avg =	0.00	PM-10 24hr Avg =	0.03

04-07-23

# AMS-2 Downwind



----- 15 min TWA TVOC Action Level = 5ppmv     
 — 15-min TVOC (ppmv)     
 ----- 15 min TWA PM-10 Action Level = 0.15 mg/m<sup>3</sup>     
 — 15-min PM-10 ( mg/m<sup>3</sup> )

15 Minute TWA Data Summary Statistics			
TVOC min =	0.00	PM-10 min =	0.00
TVOC max =	0.00	PM-10 max =	0.05
TVOC 24hr Avg =	0.00	PM-10 24hr Avg =	0.01