

<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	September 18, 2024
<b>WEATHER:</b>	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
<b>TIME:</b>	07:00 – 15:20

### Project Team

#### General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- American Dewatering & Grouting (ADG)
- ENTACT, LLC (ENTACT)

#### Engineers and Consultants:

- Roux Environmental Engineering and Geology, D.P.C. (Roux)
- GZA GeoEnvironmental Inc. of New York (GZANY)
- WSP USA (WSP)
- Langan Engineering, Environmental, Surveying, Landscaping Architecture and Geology D.P.C (Langan)

### Remedial Action Work Summary

#### Work Activities Performed Onsite:

- Excavation and demolition of the Gas Holder 4 structure.
- Continued mobilization and setup for In-situ Stabilization/Solidification work.
- Dewatering operations for Gas Holder 4 excavation area.

#### Contractor Work Performed Onsite:

Creamer Environmental, Inc. (CEI) continued excavation and demolition activities within the Gas Holder 4 excavation. The former gas holder wall was broken apart and prepared for offsite disposal. All excavation and demolition work was conducted inside the tension fabric structure (TFS) with the associated vapor management system (VMS) in operation throughout the day. The PC490 excavator was decontaminated in preparation of being demobilized from the Site. CEI also continued to downsize scrap metal previously located within the Gas Holder 4 excavation area. ENTACT continued mobilization of equipment and constructed a ramp to access the work area on the western side of site for upcoming In-situ Solidification/Stabilization (ISS) work.

American Dewatering & Grouting (ADG) continued to install components for the wellpoint dewatering system along the perimeter and the wellpoint vacuum pump was placed in the northwest corner of Gas Holder 4 excavation area. ADG continued 24-hr operation of the dewatering system for the Gas Holder 4 excavation area and CEI operated the water treatment system (WTS). Since the last reporting period, CEI treated approximately 790,600 gallons of recovered construction wastewater through the WTS and discharged the treated water to the New York City Department of Environmental Protection (NYCDEP) combined sewer system. Routine maintenance to onsite dewatering and water treatment systems was performed and sumps were continued to be used to control water within the excavation area.

Dust and odor control measures (application of Atmos odor suppressing foam, wetting, tarping, limiting vehicle speeds, covering trucks prior leaving the site, etc.) continued to be performed to ensure there were no impacts to the neighborhood. Truck tires were washed to ensure material was not being tracked offsite. Exposed soils were covered with Atmos odor suppressing foam during work operations and at the end of the day.

#### Air Monitoring:

- No VOC or dust exceedances were observed from the community air monitoring program (CAMP).
- GZANY to provide a summary report of CAMP activities separately.

#### Vibration Monitoring:

- No alerts of vibrations exceeding Site's threshold or limiting criteria (1" /second and 2" / second, respectively) were received.
- Vibration monitoring data is included at the end of this Daily Status Report.

<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	September 18, 2024
<b>WEATHER:</b>	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
<b>TIME:</b>	07:00 – 15:20

**Remedial Action Work Summary (continued)**
Erosion and Sediment Control:

- None.

Sampling Conducted:

- None.

Other Items of Note:

- Construction activities were observed as part of the ongoing combined sewer overflow (CSO) project west of Nevins Street.
- Construction activities were observed at the empty lot south of Sackett Street.

**Imported Material**

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			12	305.09
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			7	177.58
Vulcan General Fill	Vulcan Wantage Quarry			1,212	30,209.00

**Exported Material**

Material	Facility	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
TCE Impacted Haz Hot Spots	CWM Emelle			7	161.72
Cd Impacted Haz Material from WC-5	CWM Emelle			3	49.45
Pb Impacted Haz from Parcel IV Hot Spot	CWM Emelle			25	536.72
Cd Impacted Haz Material from WC-5	Clean Earth (CE) NJ			16	397.75
Concrete for Recycling	Bayshore			27	~509.87
Concrete for Landfill	WM Fairless			63	~1,415.93
Urban Fill for CVOC Orange Zone (Lot 17)	WM Fairless Urban Fill-OZ			47	~1,034
Urban Fill for CVOC Orange Zone (Lot 49)	WM Fairless Urban Fill-OZ			24	~528
Non-Haz Urban Fill (Lot 17)	CE Carteret			42	~924
Non-Haz Urban Fill (Lot 49)	CE Carteret			73	~1,606
MGP soil with TCE>25 ppm	CE ESMI			190	~4,086
	CE Southeast Pennsylvania			15	~320
	CMW Emelle			424	~8,280
Non-Haz MGP Impacted (TCLP Benzene > 0.5)	CE Southeast Pennsylvania			8	~237.97
Non-Haz MGP Impacted (TCLP Benzene < 0.5)	CE Southeast Pennsylvania			119	~2,674
Non-Haz Contaminated Urban Fill	WM Fairless			429	~8,974.69
Non-Haz Urban Fill	CE Carteret -BZ			76	~1,662
Non-Haz MGP Impacted	CE of New Castle			307	~5,330
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			55	~1,100

<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	September 18, 2024
<b>WEATHER:</b>	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
<b>TIME:</b>	07:00 – 15:20

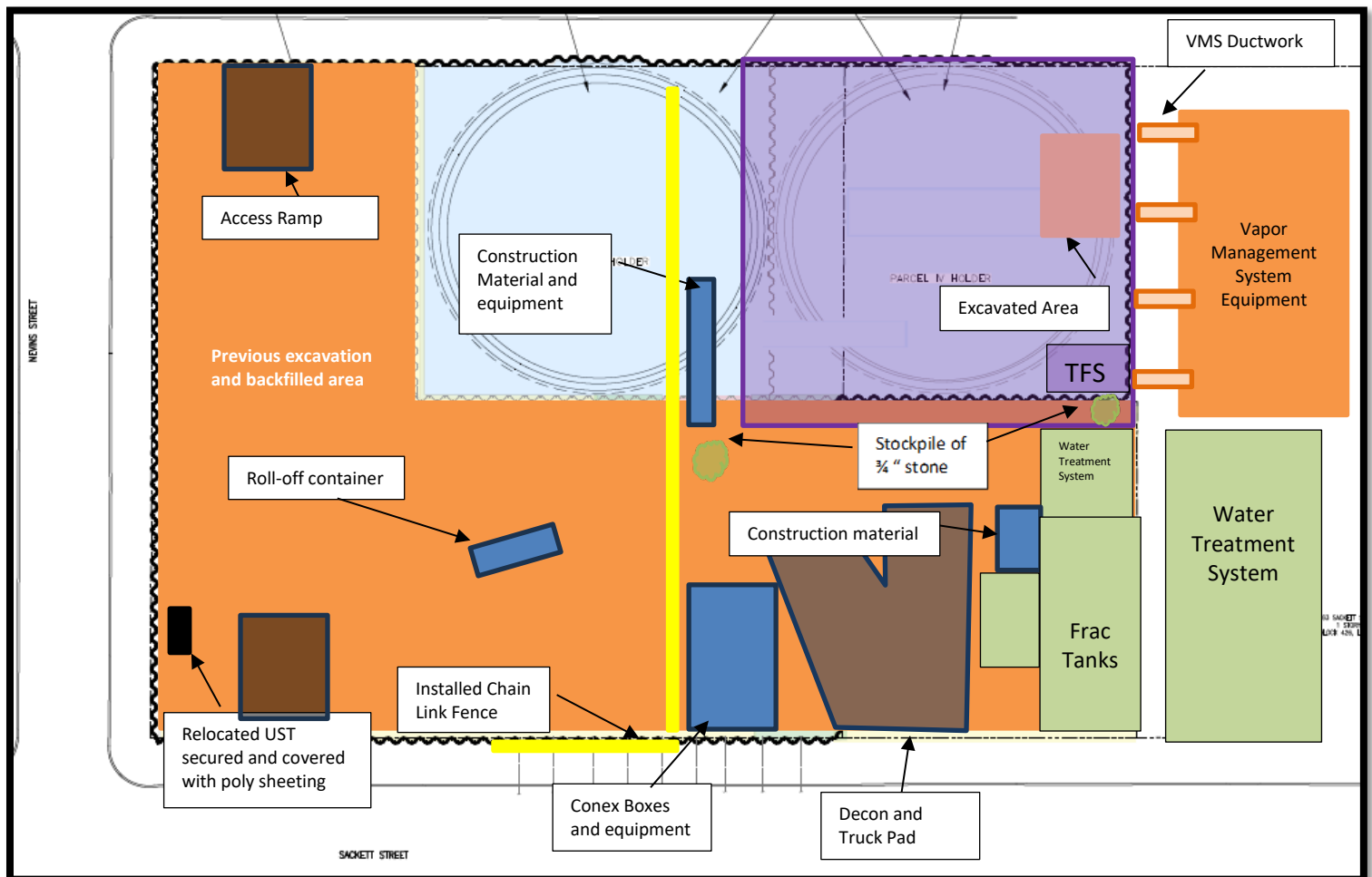
### Dewatering

Date	Time	Totalizer Reading
9/17/24	15:14	115,662,400
9/18/24	7:05	116,177,400
9/18/24	11:59	116,342,000
9/18/24	15:19	116,453,000
Water treated and discharged to NYCDEP sewer since last report:		790,600

### Anticipated Upcoming Work Activities

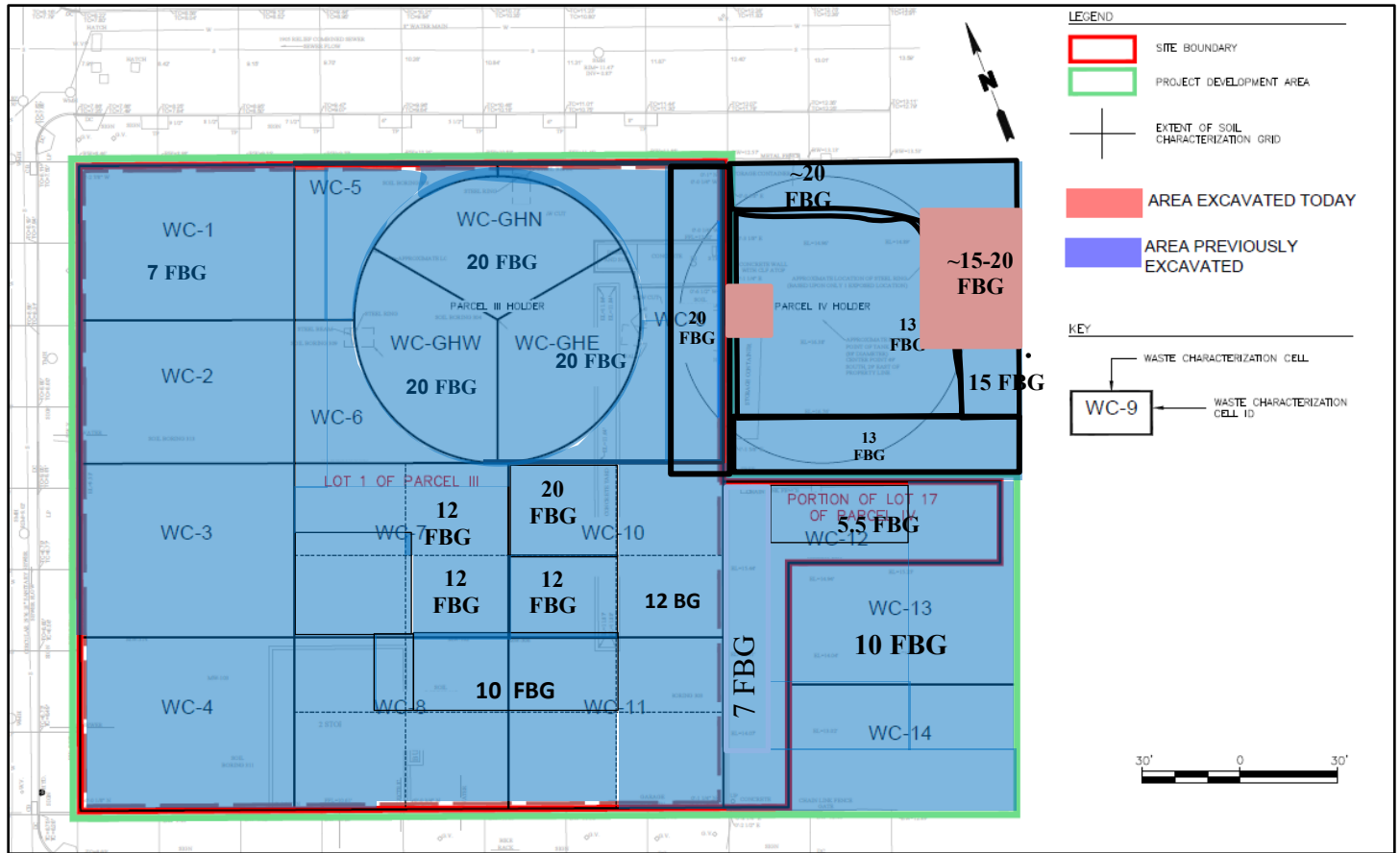
- Continue demolition and excavation in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- Continue install and setup of wellpoints dewatering system within the former Gas Holder 4 excavation area.
- Continue mobilization and setup for ISS work.

### Site Layout



<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	September 18, 2024
<b>WEATHER:</b>	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
<b>TIME:</b>	07:00 – 15:20

### Excavation Diagram





<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	September 18, 2024
<b>WEATHER:</b>	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
<b>TIME:</b>	07:00 – 15:20



**Photo 1:**

Looking east, view of CEI breaking apart the northeast section of Gas Holder 4 wall.



**Photo 2:**

Looking southeast, view of CEI applying Atmos odor suppressing foam on top of a soil as excavation to install a sump pump along the western perimeter of Gas Holder 4 occurs.

PROJECT:	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
ADDRESS:	545 Sackett St., Brooklyn, NY
PREPARED BY:	Roux Environmental Engineering and Geology, D.P.C.
DATE:	September 18, 2024
WEATHER:	Temp: 65-76°F, Cloudy, RH: 91% Pressure: 30.09 in Hg Wind: NE @ 8 mph
TIME:	07:00 – 15:20



**Photo 3:**  
Looking northwest, view of ENTACT constructing ramp on the western side of the site to facilitate access for future ISS work.

# 545 Sackett Street

## Daily Vibration Monitoring Report

2024-09-18

