

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 03, 2024
WEATHER:	Temp: 58-75°F, Sunny, RH: 56% Pressure: 30.33 in Hg Wind: NE @ 8 mph
TIME:	07:00 – 15:15

Project Team

General Contractor and Subcontractors:

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

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)
- Mueser Rutledge Consulting Engineers (MRCE)

Remedial Action Work Summary

Work Activities Performed Onsite:

- Installation of support of excavation (SOE) within the former Gas Holder 4 excavation area.
- Dewatering operations for Gas Holder 4 excavation area.
- Well abandonment activities throughout the western portion of the site.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) continued fabrication and installation of the support of excavation (SOE) system around the perimeter of the Gas Holder 4 excavation area. All SOE work was conducted inside the tension fabric structure (TFS) with the associated vapor management system (VMS) in operation throughout the day.

American Dewatering & Grouting (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 2,618,900 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.

AARCO Environmental Services (AARCO) abandoned monitoring wells that were installed during the 2023 *Pre-Design Investigation* (PDI) work. The following wells were abandoned in accordance with the January 12, 2024, *Well Abandonment Work Plan*: DPW1A, FW-SB-604D, FW-SB-605D, FW-SB-603D, FW-SB-607D and FW-SB-608D. In addition, CEI continued to relocate and condense onsite equipment to allow for upcoming In-situ Stabilization/Solidification (ISS) work. CEI loaded previously extracted steel sheeting from the former Gas Holder 3 excavation area into a roll-off container for offsite disposal. CEI received a delivery of filter bags for the WTS and CEI demobilized a welding machine from the site.

Other 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 and/or poly sheeting during work operations.

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.

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Remedial Action Work Summary (continued)
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.

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.
- Jackhammering and excavation activities were observed as part of the sewer connection for 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			6	152.05
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	~1034
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			184	~3,966
	CE Southeast Pennsylvania			15	~320
	CMW Emelle			409	~7,980
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	~8974.69
Non-Haz Urban Fill	CE Carteret -BZ			76	~1,662
Non-Haz MGP Impacted	CE of New Castle			226	~3710
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			19	~380

**DAILY STATUS REPORT**

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Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
None.						

Dewatering

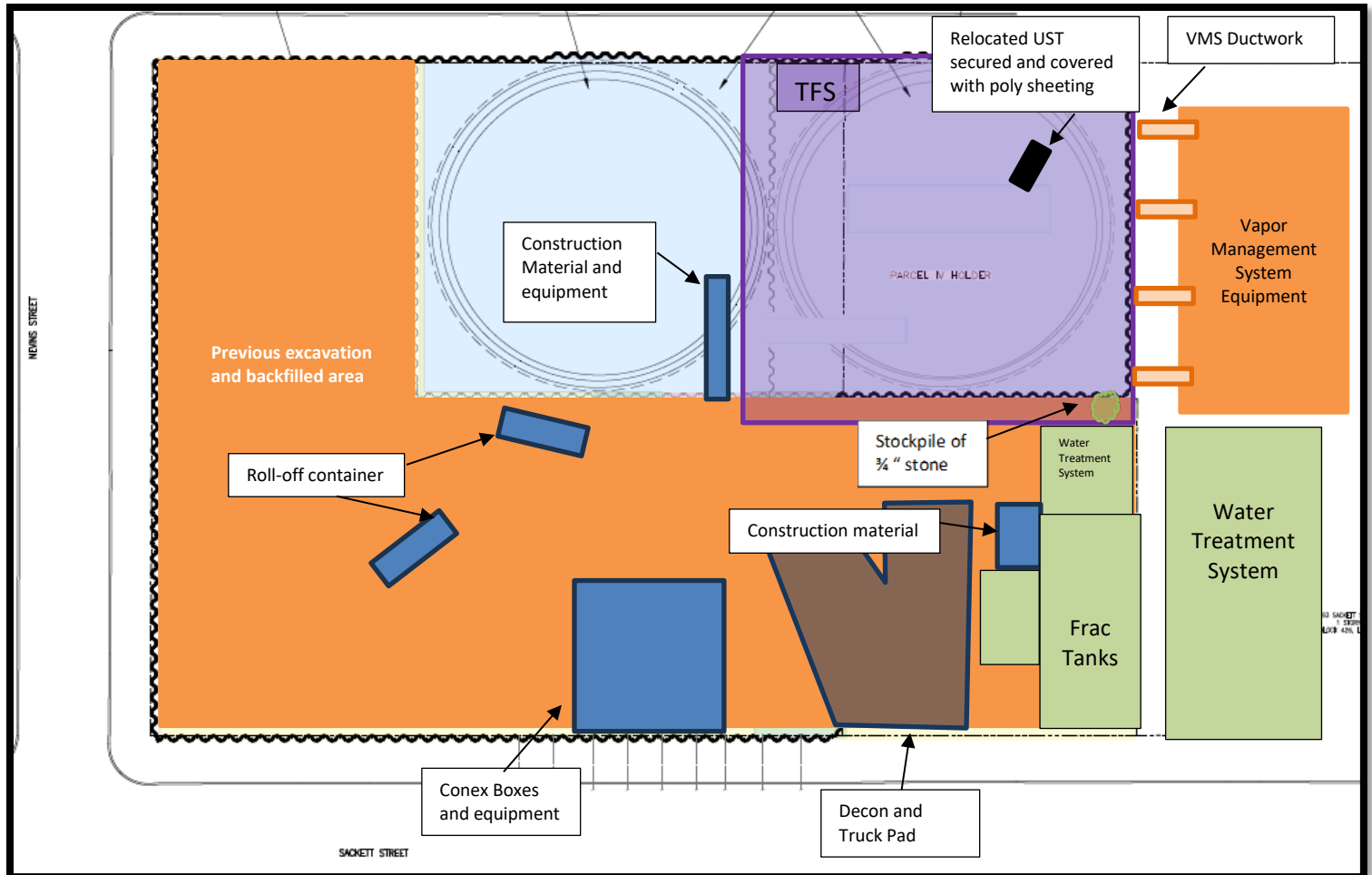
Date	Time	Totalizer Reading
8/30/24	15:26	104,102,200
9/03/24	7:03	106,499,350
9/03/24	11:07	106,613,500
9/03/24	15:16	106,721,100
Water treated and discharged to NYCDEP sewer since last report:		2,618,900

Anticipated Upcoming Work Activities

- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue installation of SOE work along the eastern perimeter of former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.

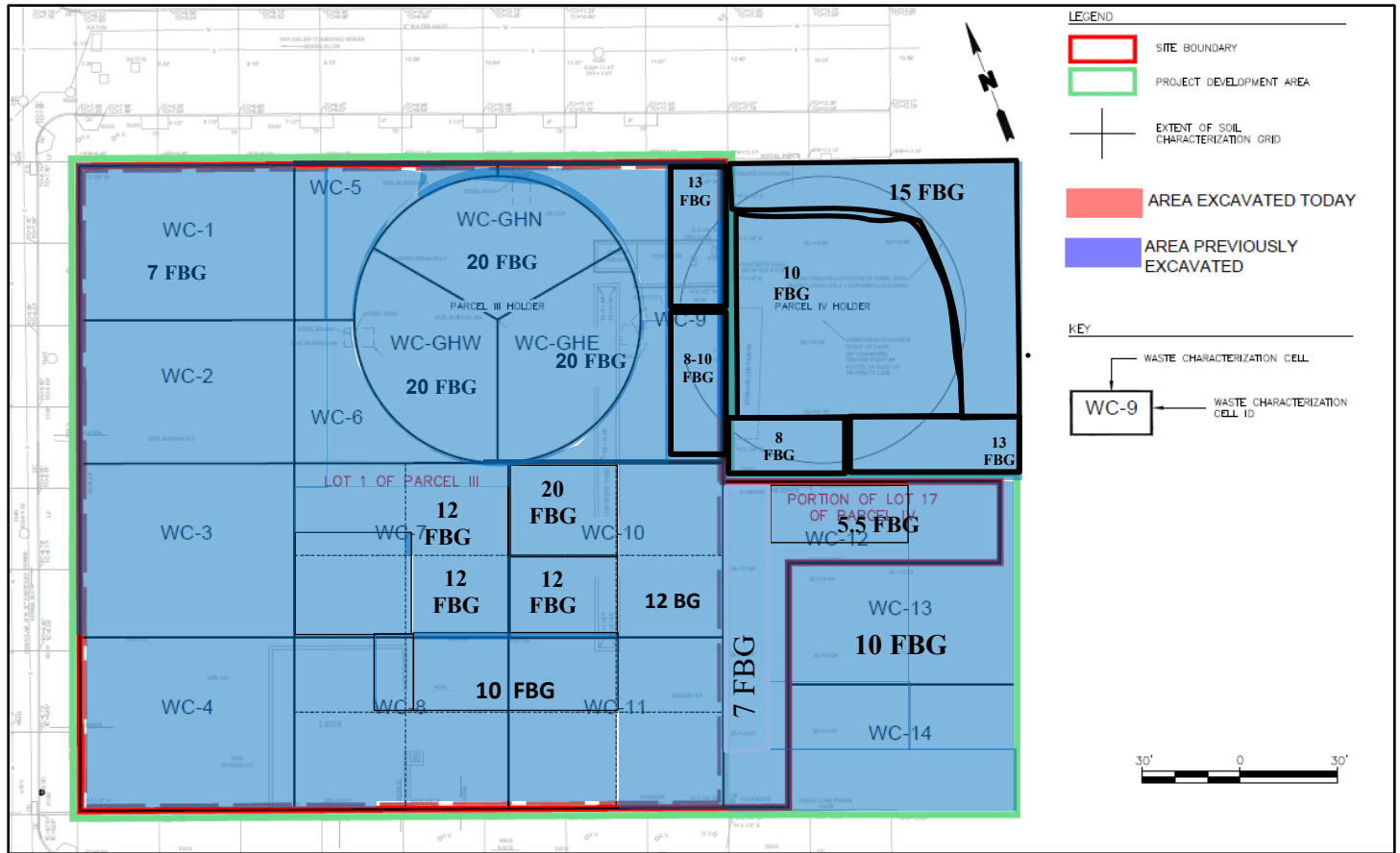
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Site Layout



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Excavation Diagram



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Photo 1:

Looking northeast, view of CEI applying Atmos odor suppressing foam within the former Gas Holder 4 excavation area.



Photo 2:

Looking northwest, view of AARCO performing well abandonment activities at FW-SB-603D.

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Photo 3:
Looking southwest, view of CEI loading a roll-off container with scrap metal for offsite disposal.

545 Sackett Street
Daily Site Vibration Monitoring Plot

2024-09-03

S1: On-site

