

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:	May 8, 2024
WEATHER:	Temp: 63-86°F, Cloudy, RH: 86% Pressure: 29.67" in Hg Wind: S @ 7 mph
TIME:	07:00 – 15:30

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- Earth Construction Services, LLC (ECS)

Engineers and Consultants:

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

Remedial Action Work Summary

Work Activities Performed Onsite:

- Ongoing demolition of the former Gas Holder 3 walls.
- Continue dewatering operations for Gas Holder 3 excavation area.

Contractor Work Performed Onsite:

Creamer Environmental Inc. (CEI) continued the demolition of the former Gas Holder 3 walls and the bottom slab. CEI reduced oversized material from the foundation structure and staged this material for future loadout. CEI attempted to remove timber encountered during demolition activities in waste characterization grid WC-GHW of Gas Holder 3.

Earth Construction Services, LLC (ECS) continued 24-hour operation of the dewatering system for the Gas Holder 3 excavation area. Since the last reporting period, CEI treated approximately 958,700 gallons of recovered construction wastewater through the water treatment system (WTS) and discharged the treated water to the New York City Department of Environmental Protection (NYCDEP) combined sewer system. Relocation of wellpoint pumps and routine maintenance to onsite equipment including dewatering and water treatment systems was performed. Roux performed bi-weekly monitoring of the sentinel well network.

The vapor management system (VMS) associated with the tension fabric structure (TFS) was operated throughout the day. Other dust and odor control measures (wetting, tarping, limiting vehicle speeds, covering trucks inside TFS, spraying loaded material with odor suppressant, etc.) continued to be performed to ensure there were no impacts to the neighborhood. Onsite material and equipment were relocated and stored. Exposed soils were covered with Atmos odor suppressing foam during the operations and at the conclusion of the workday.

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.

Erosion and Sediment Control:

- None.

Sampling Conducted:

- Groundwater samples were collected from sentinel wells SW-08S, SW-08D, SW-06S, SW-06D, SW-04S, SW-04D and SW-05D. These samples were submitted for analysis of the following parameters:
 - TCL VOCs USEPA 8260,
 - TCL SVOCs USEPA 8270,
 - TCL Pesticides USEPA 8081,

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- TAL Metals USEPA 6020,
- TCL PCB USEPA 8082A,
- Hex Chrom USEPA 7196,
- Total Cyanide USEPA 7196, and
- PFAS.

Other Items of Note:

- Construction activities were observed as part of the ongoing combined sewer overflow (CSO) project west of Nevins Street.
- A release of <1 gallon of motor oil occurred on the stabilized construction entrance and adjacent concrete near Sackett Street. This incident was reported to the NYSDEC project manager via email.

Imported Material

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			10	255.36
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			5	126.76
Vulcan General Fill	Vulcan Wantage Quarry			739	18,611.52

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			181	~3,906
	CE Southeast Pennsylvania			10	~220
	CMW Emelle			309	~6,180
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	~2,614
Non-Haz Contaminated Urban Fill	WM Fairless			387	~8,134.69
Non-Haz Urban Fill	CE Carteret -BZ			71	~1,562
Non-Haz MGP Impacted	CE of New Castle			35	~770
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110

**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

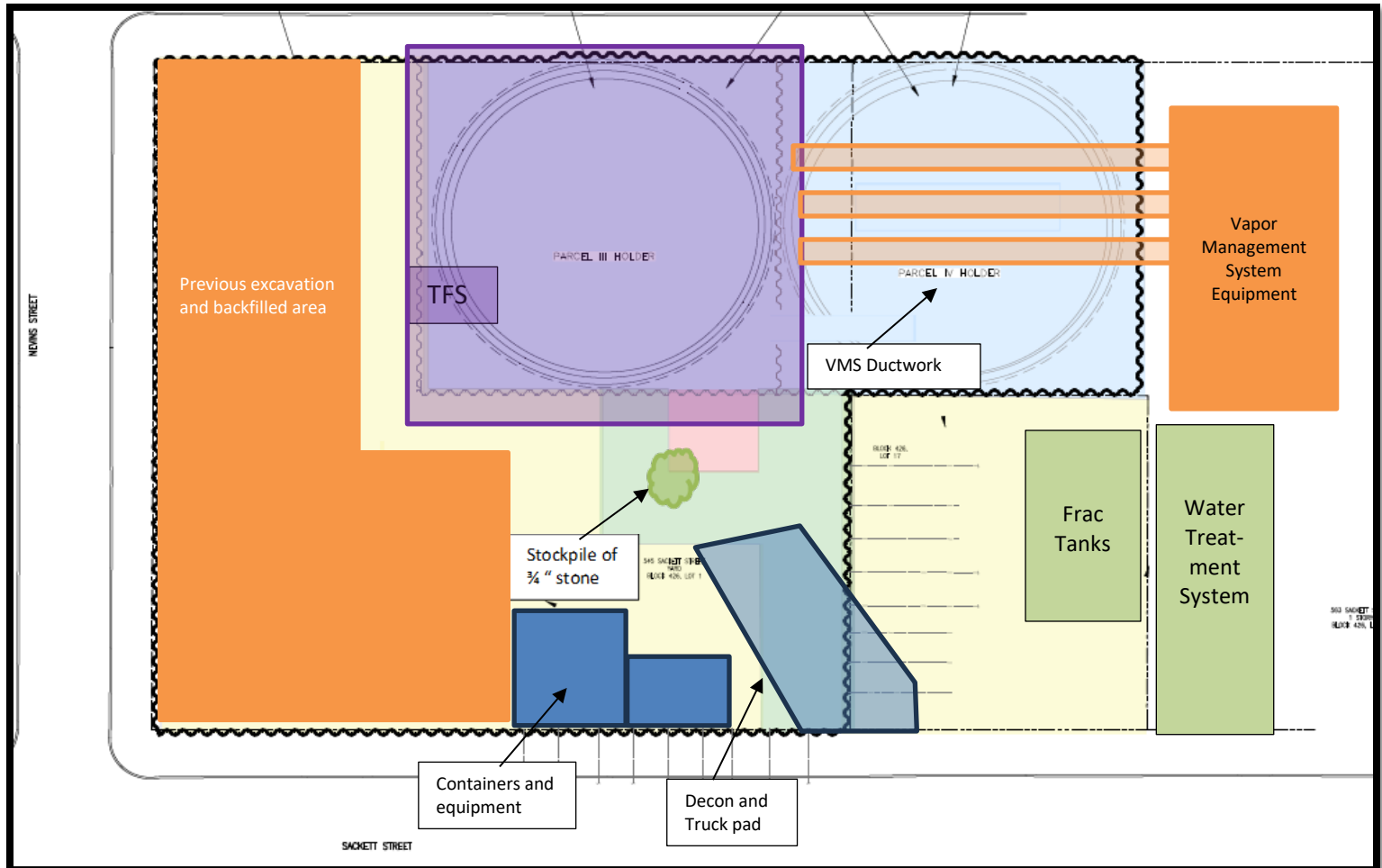
Date	Time	Totalizer Reading
5/7/2024	15:00	79,611,100
5/8/2024	7:05	80,255,700
5/8/2024	10:00	80,371,800
5/8/2024	15:00	80,569,800
Water treated and discharged to NYCDEP sewer since last report:		958,700

Anticipated Upcoming Work Activities

- Continue demolition, excavation, load out and backfill in Gas Holder 3 excavation area.
- Continue dewatering for Gas Holder 3 excavation area and operation of water treatment system.

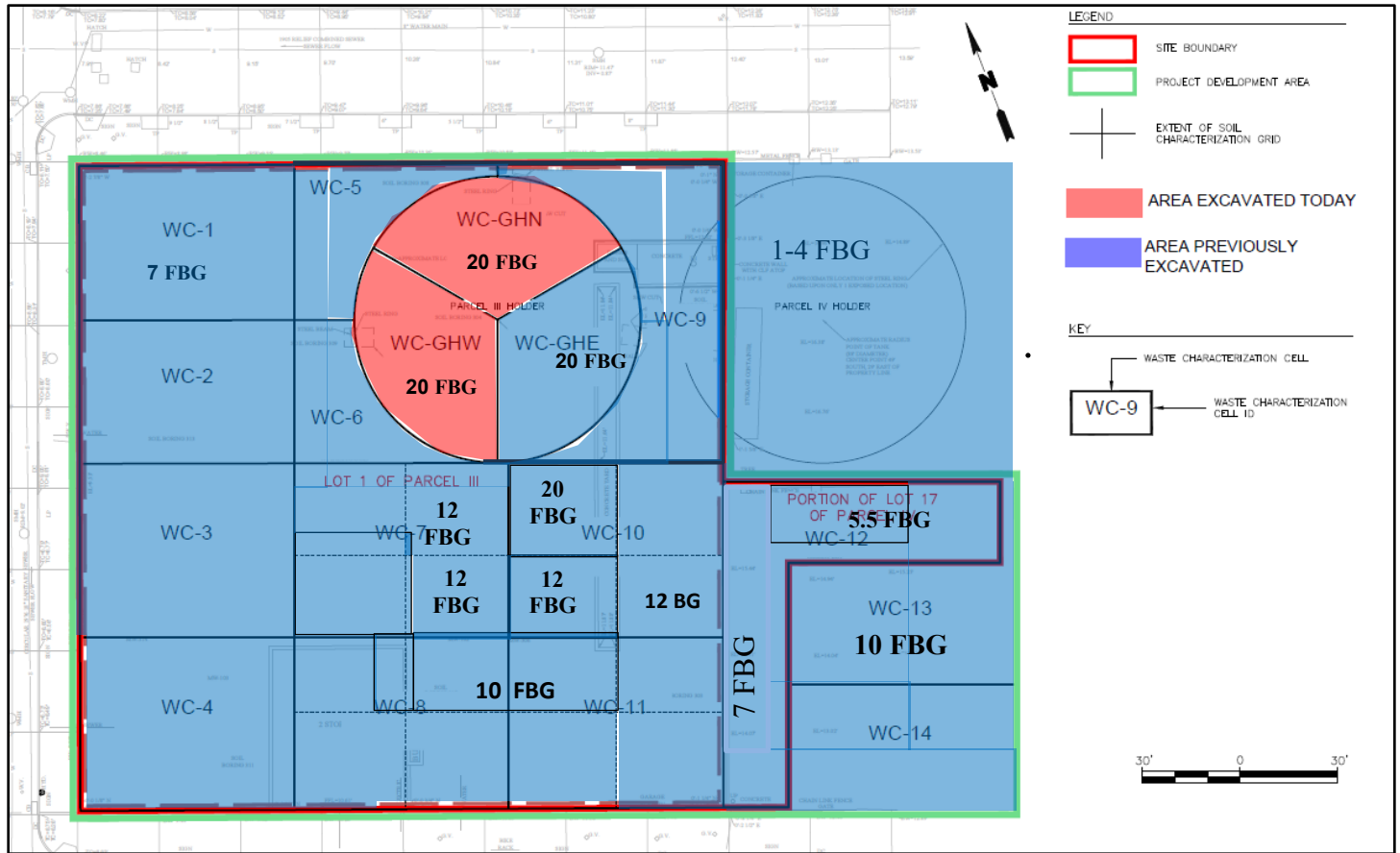
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Site Layout



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Excavation Diagram



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Photo 1:

Looking northeast , CEI demolishes the bottom slab of Gas Holder 3 in WC-GHN and material is staged for future offsite disposal.

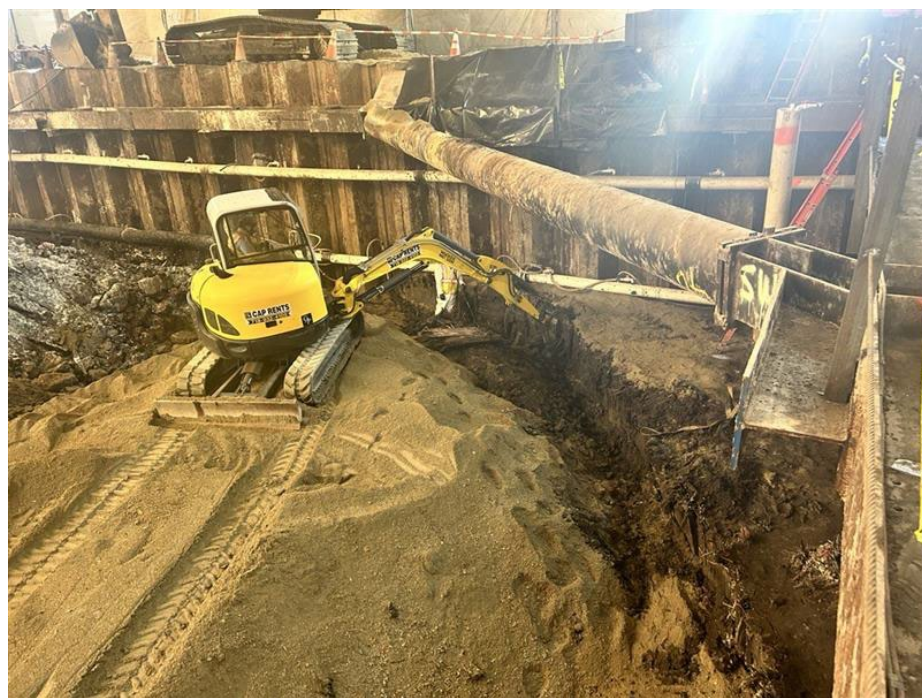


Photo 2:

Looking Southeast, CEI working to remove timber encountered during demolition activities in waste characterization grid WC-GHW in Gas Holder 3.

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Photo 3:

Looking northeast, CEI applying Atmos odor suppressant foam on exposed soil inside TFS to mitigate odors.