

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:	June 5, 2024
WEATHER:	Temp: 64-78°F, Sunny, RH: 67% Pressure: 30.00 inHg Wind: SE @9 mph
TIME:	07:00 – 15:15

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:

- Backfill of completed excavation sections in Gas Holder 3.
- Dewatering operations for Gas Holder 3 excavation area.

Contractor Work Performed Onsite:

Creamer Environmental Inc. (CEI) imported 38 trucks (937.15 tons) of general fill from Vulcan Wantage, New Jersey. Imported general fill was used as backfilling and compacted in the completed sections in the Gas Holder 3 excavation area. CEI also welded sections of the steel sheeting used as in the support of excavation (SOE) system in preparation of modifications to the SOE for future excavation work in Gas Holder 4.

Earth Construction Services, LLC (ECS) continued 24-hour operation of the dewatering system for the Gas Holder 3 excavation area and CEI operated the WTS. Since the last reporting period, CEI treated approximately 511,00 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.

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, etc.) continued to be performed to ensure there were no impacts to the neighborhood. Truck tires were washed to leaving to ensure material was not being tracked offsite.

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_03S, SW_03D, SW_04S, SW_04D, SW_05S, SW-06S, SW-06D, SW_07S, SW_07D, SW_08S and SW_08D. These samples were submitted for analysis of the following parameters:
 - TCL VOCs USEPA 8260,
 - TCL SVOCs USEPA 8270,
 - TCL Pesticides USEPA 8081,
 - TAL Metals USEPA 6020,
 - TCL PCB USEPA 8082A,
 - Hex Chrom USEPA 7196,



DAILY STATUS REPORT

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- 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.

Imported Material

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			11	279.71
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			6	152.05
Vulcan General Fill	Vulcan Wantage Quarry	38	937.15	964	24,179.92

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			404	~7,880
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

Exported Material Truck Log

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

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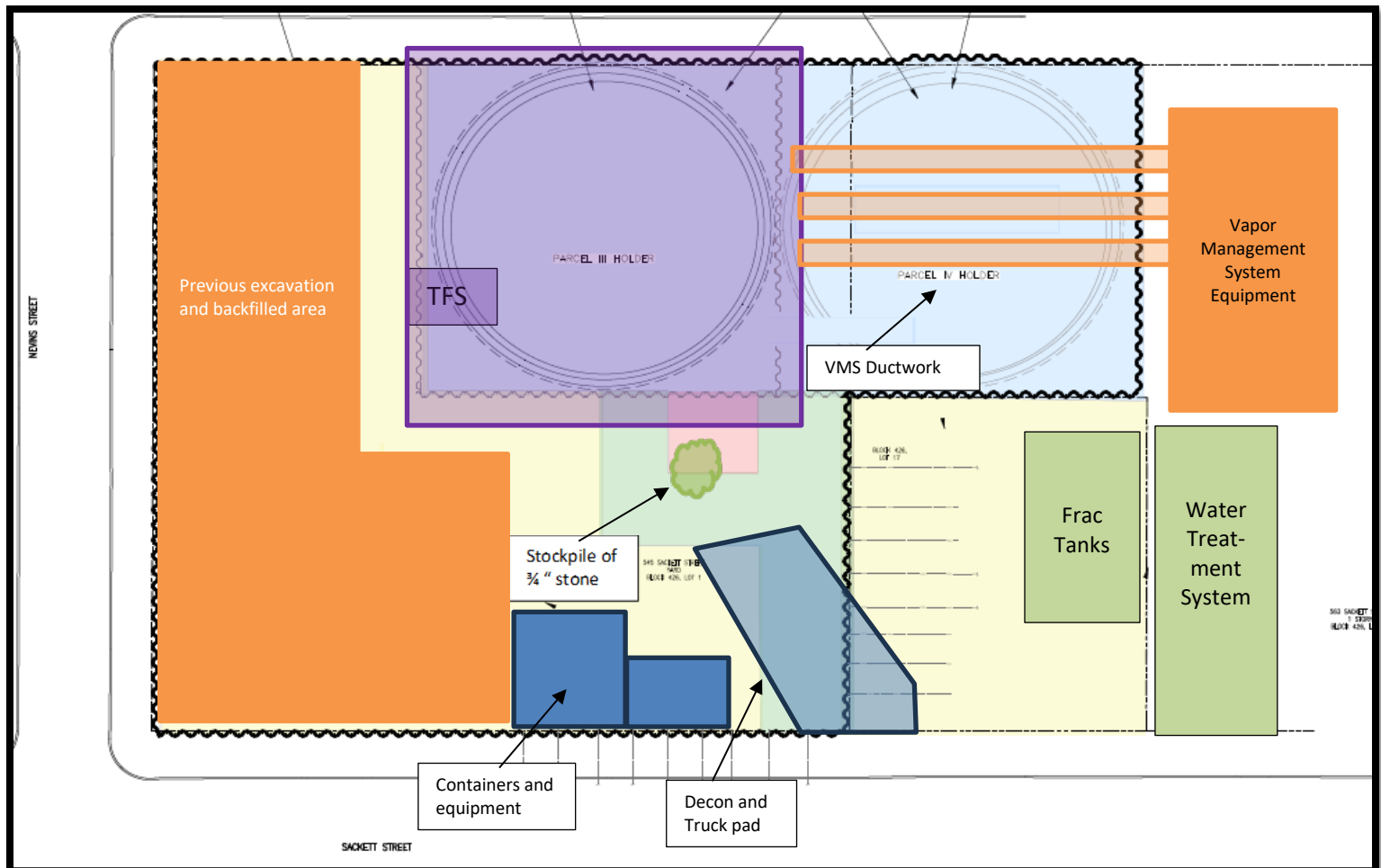
Dewatering

Date	Time	Totalizer Reading
6/4/24	15:18	99,602,200
6/5/24	7:10	99,929,300
6/5/24	10:05	100,006,400
6/5/24	15:03	100,113,200
Water treated and discharged to NYCDEP sewer since last report:		511,00

Anticipated Upcoming Work Activities

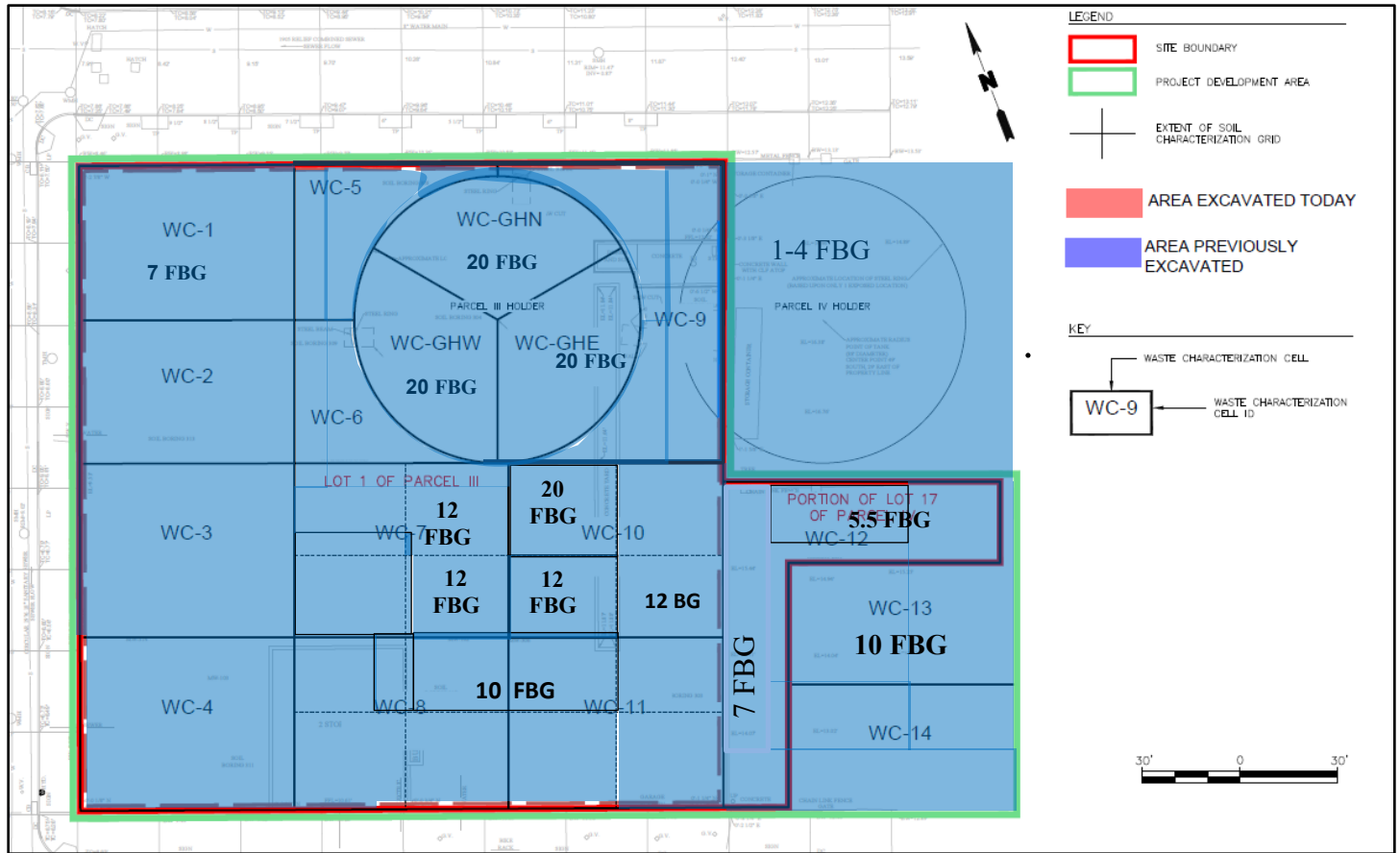
- Continue backfilling Gas Holder 3.
- Continue dewatering for Gas Holder 3 excavation area and operation of water treatment system.

Site Layout



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Excavation Diagram



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Photo 1:

Looking southeast, view of triaxle trucks importing material to be used as backfill in the former Gas Holder 3 excavation.



Photo 2:

Looking northeast, view of CEI wetting the work area to prevent dust.

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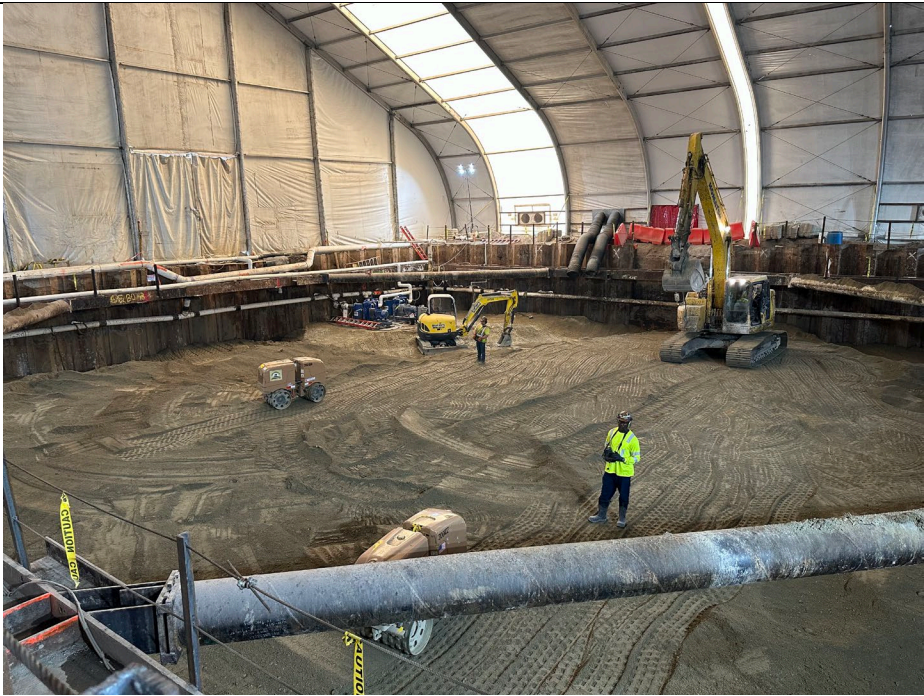


Photo 3:
Looking northeast, view of CEI compacting newly placed backfill in the former Gas Holder 3 excavation.