

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 6, 2024
WEATHER:	Temp: 53-71°F, Cloudy, RH: 95% Pressure: 30.04" in Hg Wind: NE @ 2 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)
- Pacific Electric (Pacific)

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:

- Excavation and loadout of material for offsite disposal at CMW Emelle.
- Ongoing demolition of the former Gas Holder 3 walls.
- Backfilling of Gas Holder 3.
- Continue dewatering operations for Gas Holder 3 excavation area.

Contractor Work Performed Onsite:

Creamer Environmental Inc. (CEI) excavated material and loaded out 5 trucks (approximately 100 tons) of MGP impacted material with TCE >25 ppm from waste characterization grids WC-GHN (13-20) and WC-GHW (13-20) for disposal at Chemical Waste Management (CMW) Emelle. 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 used previously imported general fill from Vulcan Wantage Quarry to backfill completed sections of waste characterization grid WC-GHW in Gas Holder 3. The completed excavation areas were surveyed prior to backfilling.

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 910,300 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. Pacific Electric was onsite to make repairs to pumps associated with the WTS. 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.

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Sampling Conducted:

- Groundwater samples were collected from sentinel wells SW-01S, SW-01D, SW-02S, SW-03S, SW-03D, SW-05S, SW-07S and SW-07D. 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,
 - 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			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	5	100	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
1	WC-GHN (13-20)	CMW Emelle	MGP soil with TCE >25 ppm	007413393	Horwith	AH15528
2	WC-GHN (13-20)	CMW Emelle	MGP soil with TCE >25 ppm	007413394	Horwith	AH32699
3	WC-GHN (13-20)	CMW Emelle	MGP soil with TCE >25 ppm	007413395	Horwith	AH31897
4	WC-GHW (13-20)	CMW Emelle	MGP soil with TCE >25 ppm	007413396	Horwith	AH32699
5	WC-GHW (13-20)	CMW Emelle	MGP soil with TCE >25 ppm	007413387	Horwith	AH31897

Dewatering

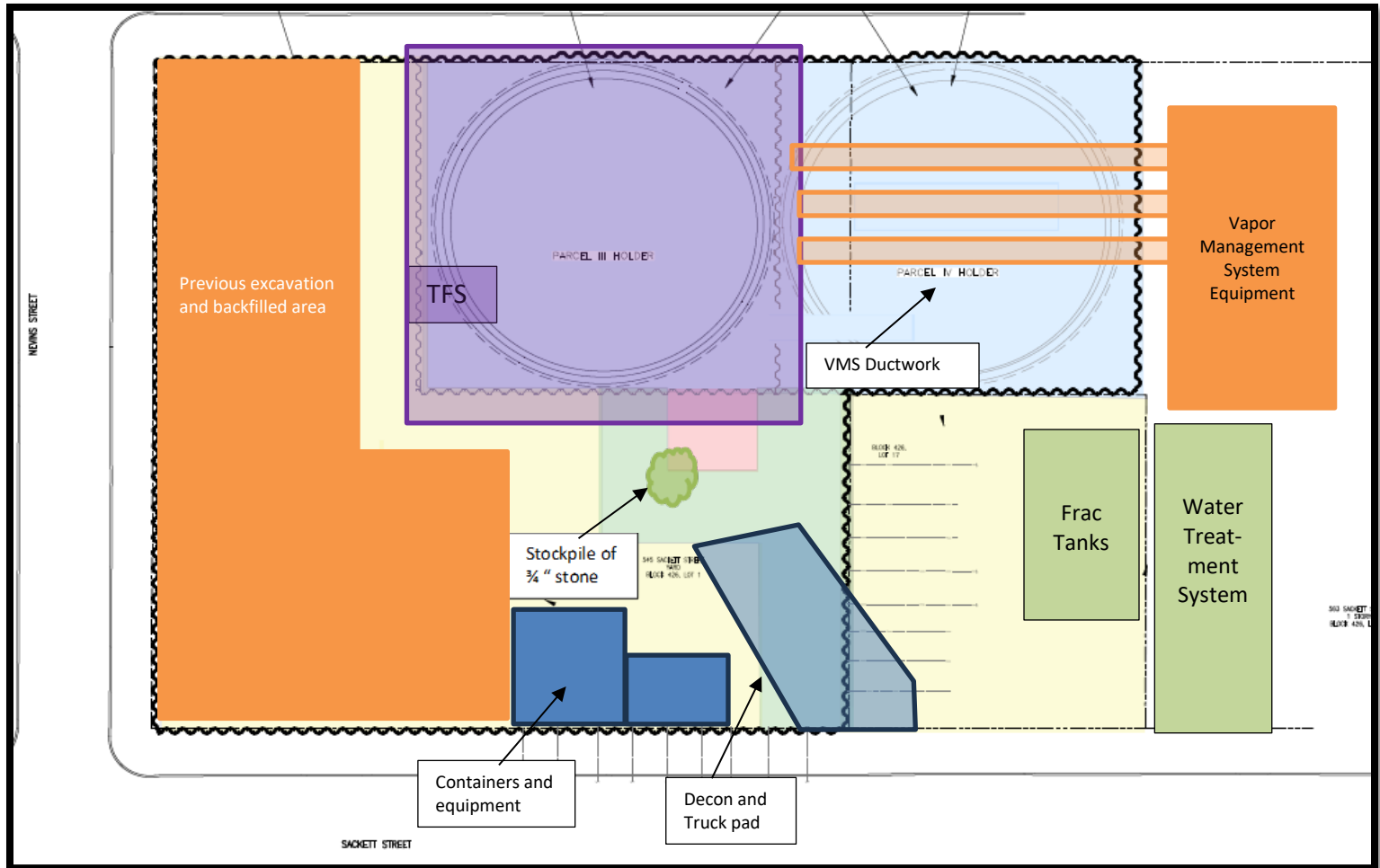
Date	Time	Totalizer Reading
5/6/2024	15:00	78,700,800
5/7/2024	7:05	79,313,900
5/7/2024	10:00	79,430,100
5/7/2024	15:00	79,611,100
Water treated and discharged to NYCDEP sewer since last report:		910,300

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.

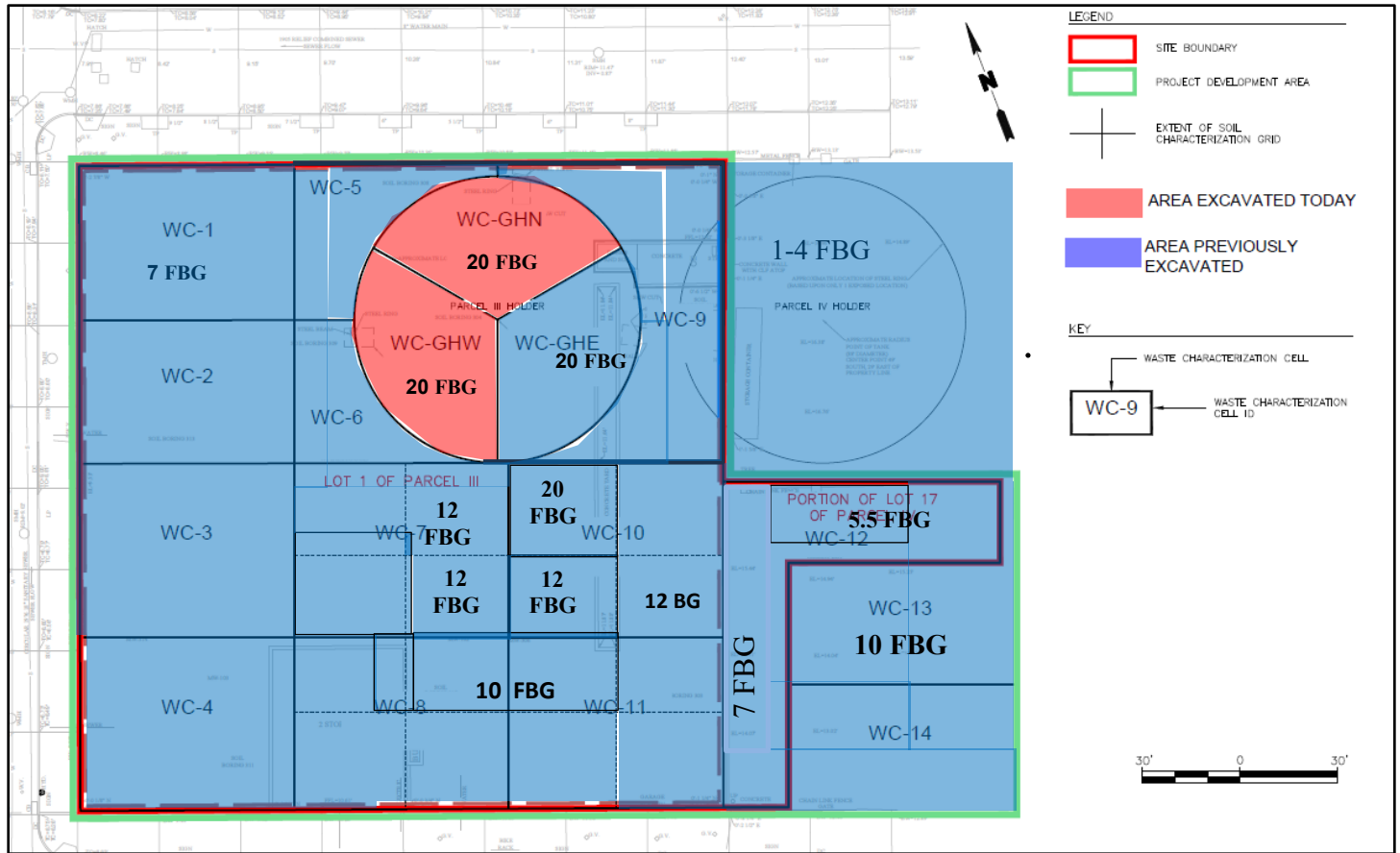
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Site Layout



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Excavation Diagram



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Photo 1:

Looking north, CEI secured the TFS around the truck prior to material being loaded for disposal offsite.



Photo 2:

Looking Southeast, CEI completes part of the excavation in waste characterization grid WC-GHW.

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Photo 3:

Looking south, CEI placing and compacting back fill into waste characterization WC-GHW following completion of excavation in that area.