

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:	March 27, 2024
WEATHER:	Temp: 41-52°F, Cloudy, RH: 71% Pressure: 30.10" in Hg Wind: SSW @ 3 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)
- Mueser Rutledge Consulting Engineers (MRCE)

Remedial Action Work Summary

Work Activities Performed Onsite:

- Excavation and loadout of material from waste characterization grids WC-6 (10-15) for offsite disposal at Waste Management Fairless and WC-7 (10-15) for offsite disposal at Clean Earth of Southeast Pennsylvania.
- Excavation and prep for future loadout of material from Gas Holder 3 excavation area.
- Continue dewatering operations for Gas Holder 3 excavation area.
- Biweekly sentinel well groundwater sampling event and water treatment system effluent sample collection.

Contractor Work Performed Onsite:

Creamer Environmental Inc. (CEI) excavated material and loaded out four (4) trucks of non-hazardous urban fill material from waste characterization grid WC-6 (10-15) for disposal at Waste Management Fairless and three (3) trucks of non-hazardous MGP impacted material with TCLP Benzene < 0.5 from for disposal at Clean Earth of Southeast Pennsylvania from. CEI continued reducing oversized material from both the former Gas Holder 3 foundation and backfilled material found inside the gas holder foundation. This material was stabilized and staged for future loadout.

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 334,500 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.

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. All truck tires were cleaned before leaving the Site, so that material was not tracked onto the surrounding streets. Exposed soils were covered with Atmos odor suppressing foam during the work 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.

Erosion and Sediment Control:

- None.

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Sampling Conducted:

- Groundwater samples were collected from sentinel wells SW-05D, SW-06S, SW-06D, SW-08S, and SW-08D to be analyzed for 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.
- Effluent sample was collected for NYCDEP discharge parameters.

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			5	126.76
Vulcan General Fill	Vulcan Wantage Quarry			720	18,150.88

Exported Material

Material	Facility	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
TCE Impacted Haz Hot Spots	CWM Emelle				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			175	~3,500
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	3	66	112	~2,460
Non-Haz Contaminated Urban Fill	WM Fairless	4	88	387	~8,134.69

**DAILY STATUS REPORT**

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Exported Material (con't)

Non-Haz Urban Fill	CE Carteret -BZ			69	~1,491
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
1	WC-6 (10-15)	WM Fairless	Non-Haz Contaminated Urban Fill	13270183	V&E	AW259D
2	WC-6 (10-15)	WM Fairless	Non-Haz Contaminated Urban Fill	13270184	V&E	AY259E
3	WC-6 (10-15)	WM Fairless	Non-Haz Contaminated Urban Fill	13270185	V&E	AY698R
4	WC-6 (10-15)	WM Fairless	Non-Haz Contaminated Urban Fill	13270186	V&E	AY774E
5	WC-7 (10-15)	CE Southeast Pennsylvania	Non-Haz MGP Impacted (TCLP Benzene < 0.5)	2599823	V&E	AW641V
6	WC-7 (10-15)	CE Southeast Pennsylvania	Non-Haz MGP Impacted (TCLP Benzene < 0.5)	2599824	V&E	AY436A
7	WC-7 (10-15)	CE Southeast Pennsylvania	Non-Haz MGP Impacted (TCLP Benzene < 0.5)	2599825	V&E	AY260E

Dewatering

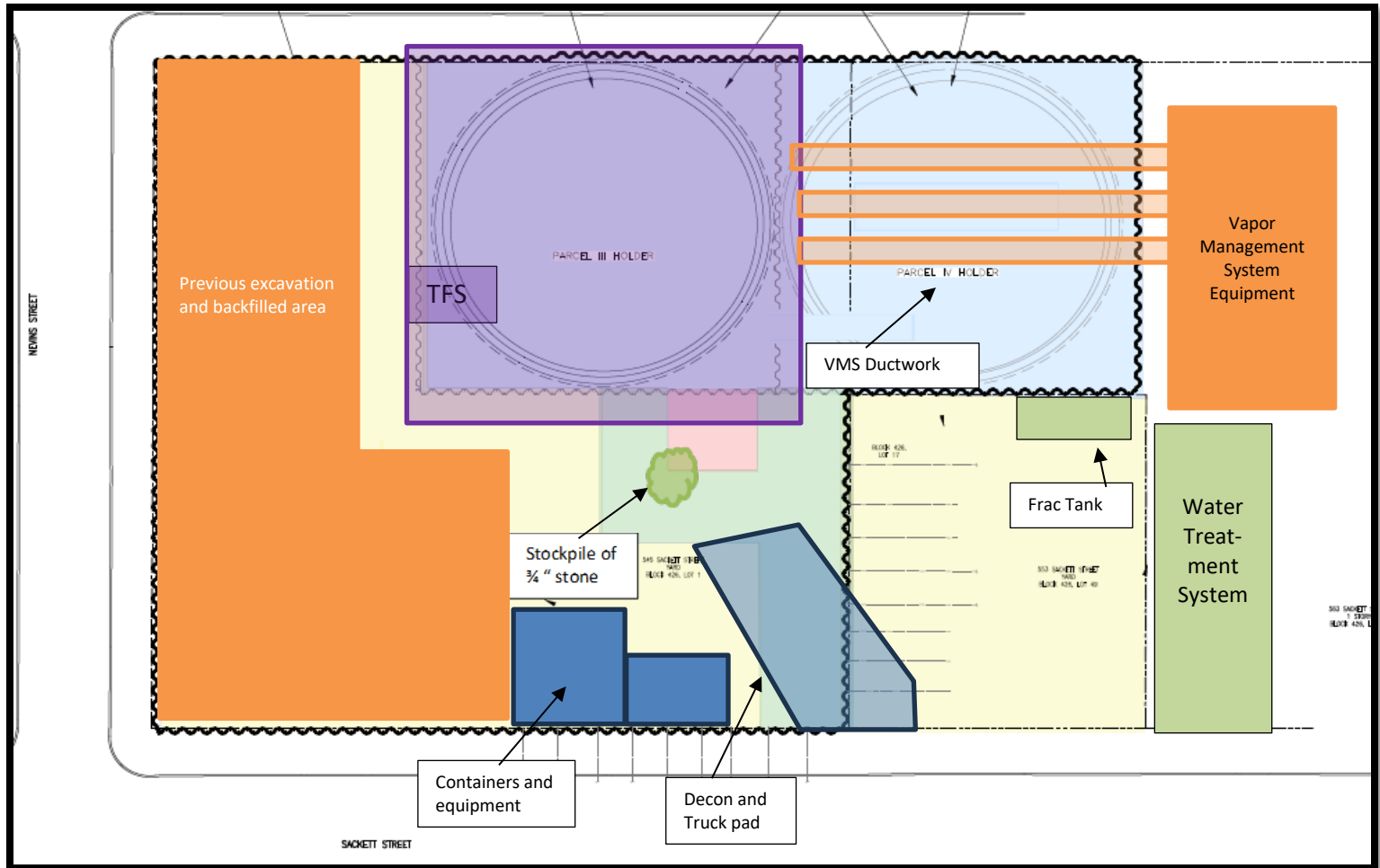
Date	Time	Totalizer Reading
3/26/2024	15:00	58,448,500
3/27/2024	7:05	58,677,700
3/27/2024	13:20	58,759,000
3/27/2024	15:00	58,783,000
Water treated and discharged to NYCDEP sewer since last report:		334,500 gallons

Anticipated Upcoming Work Activities

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

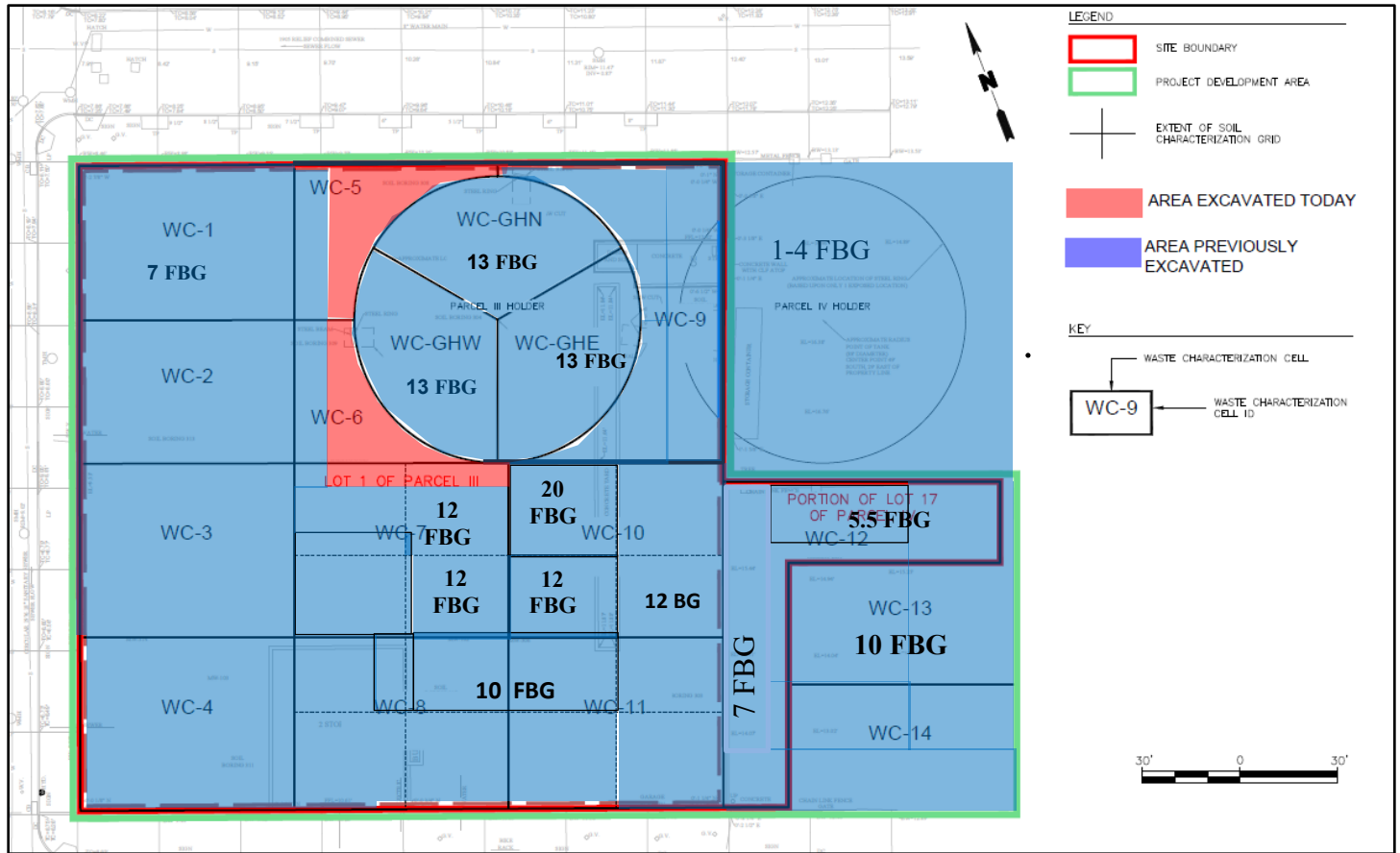
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Site Layout



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Excavation Diagram



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Photo 1:

Looking east, CEI loading a truck with excavated material from waste characterization grid WC-6 (10-15) for offsite disposal.



Photo 2:

Looking north, view of Roux collecting a groundwater sample from sentinel well SW-06D.

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Photo 3:
Looking north, CEI secured TFS around truck before loading with material.