

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 1, 2024
WEATHER:	Temp: 28-44°F, Sunny, RH: 56% Pressure: 30.61" in Hg Wind: W @ 2 mph
TIME:	07:00 – 15:30

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- ECS Environmental Solutions (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:

- Excavation and loadout of material from waste characterization grid WC-GHW (6-13) for offsite transport and disposal.
- Excavation and prep for future loadout of material Gas Holder 3 excavation area.
- Continue dewatering operations in Gas Holder 3 excavation area.

Contractor Work Performed Onsite:

Creamer Environmental Inc. (CEI) excavated material and loaded out 10 trucks of MGP impacted urban fill from waste characterization grid WC-GHW (6-13) for disposal at Chemical Waste Management (CMW) Emelle. Lime kiln dust was added to excavated material to stabilize prior to load out. CEI continued reducing in size concrete and brick sections from both the former Gas Holder 3 foundation and backfilled material found inside the gas holder foundation. This material was staged for future loadout. ECS Environmental Solutions (ECS) continued 24-hour operation of the dewatering system and CEI continued dewatering with a submersible pump inside of Gas Holder 3 excavation area. Since the last reporting period, CEI treated approximately 561,600 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. CEI added fabric to cargo door of the TFS to ensure odors and/or contamination was not escaping from the TFS while trucks were being loaded with excavated material. 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. 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 and/or poly sheeting, as needed, 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.

Sampling Conducted:

- A sample of impacted water identified within Gas Holder 3 (GH3_GWC_20240301) was collected to be analyzed for the following parameters:
 - TCL VOCs USEPA 8260,

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- TAL Metals USEPA 6020B/7270,
- TCL PCBs USEPA 8082A,
- Flashpoint USEPA 1010A, and
- pH – SM 4500.

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			700	17,643.82

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	10	220	30	~660
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			109	~2,394
Non-Haz Contaminated Urban Fill	WM Fairless			383	~8,046.69
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

**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-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738054 GBF	Horwith	AH32699
2	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738055 GBF	Horwith	AH31897
3	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738056 GBF	Horwith	AG92028
4	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738057 GBF	Horwith	AH65122
5	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738058 GBF	Horwith	AH15528
6	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738059 GBF	Horwith	AH32699
7	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738060 GBF	Horwith	AH31897
8	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738061 GBF	Horwith	AH65122
9	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738062 GBF	Horwith	AG92028
10	WC-GHW(6-13)	CWM Emelle	MGP soil with TCE >25 ppm	00738063 GBF	Horwith	AH15528

Dewatering

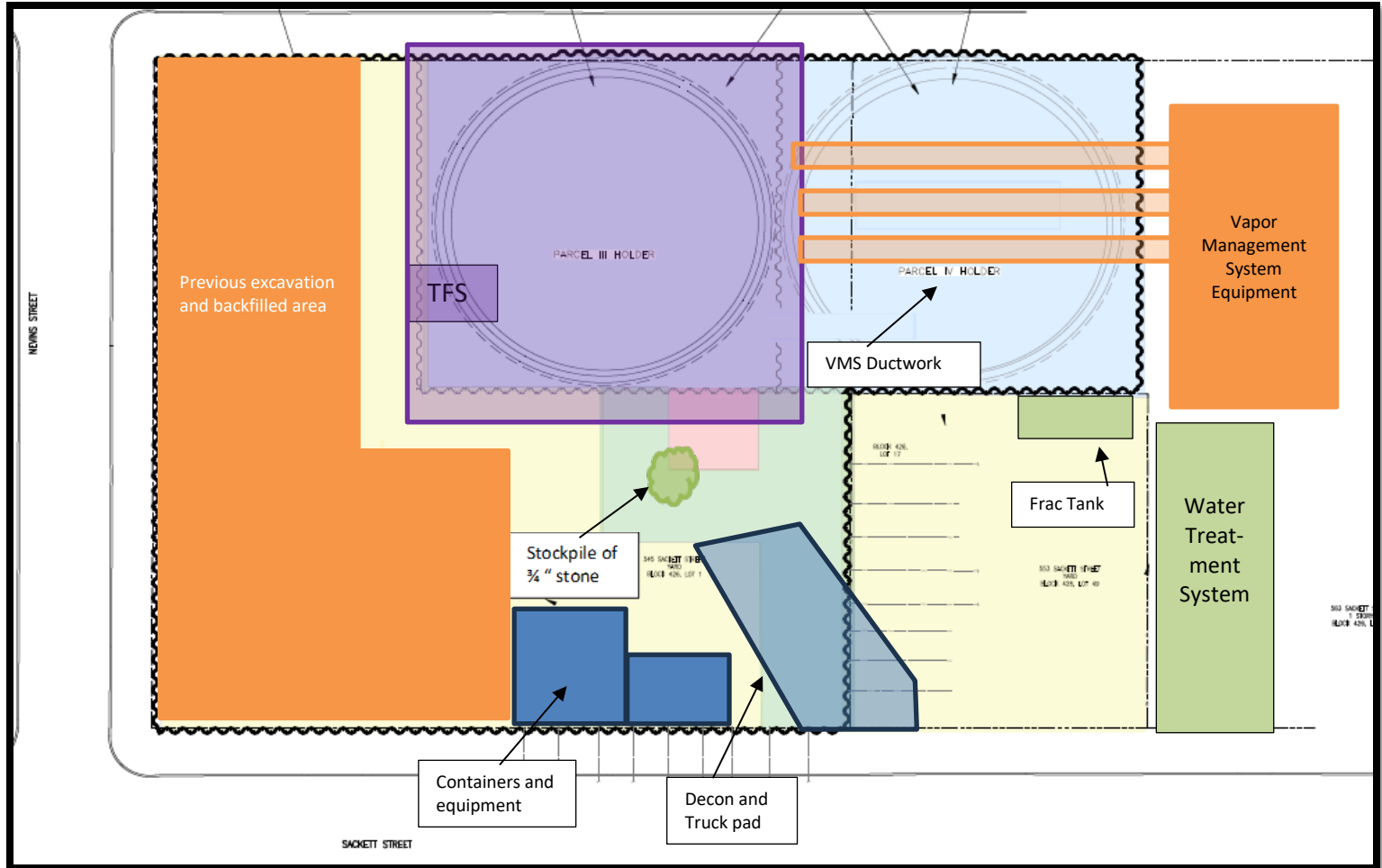
Date	Time	Totalizer Reading
2/29/2024	15:15	42,071,700
3/1/2024	7:05	42,444,700
3/1/2024	10:25	42,523,400
3/1/2024	12:35	42,577,500
3/1/2024	15:00	42,633,300
Water treated and discharged to NYCDEP sewer since last report:		561,600 gallons

Anticipated Upcoming Work Activities

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

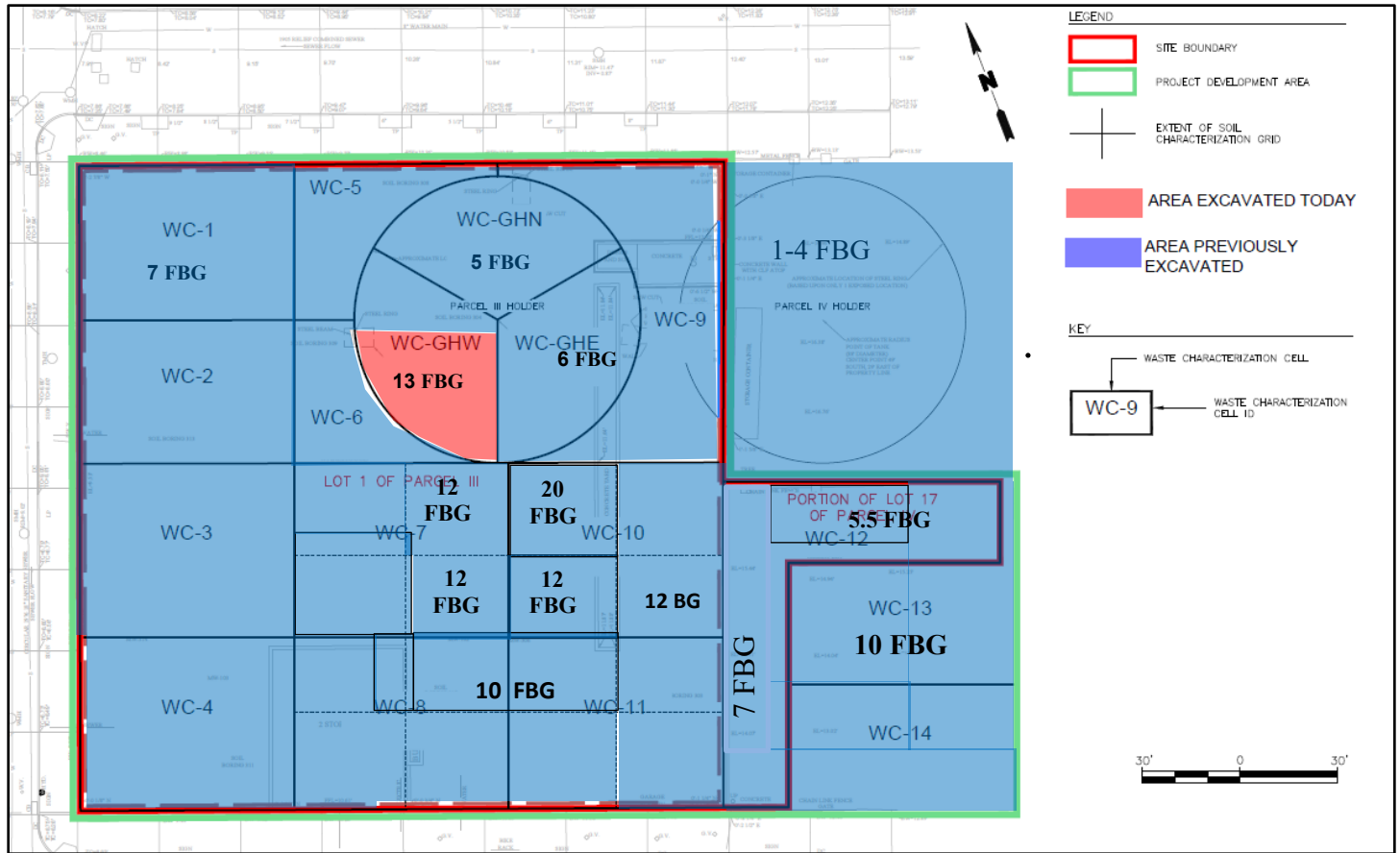
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Site Layout



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Excavation Diagram



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Photo 1:

Looking north, view of CEI loading a truck with material from Gas Holder 3. Additional plastic was installed in the space between the truck and TFS to ensure no odors or contamination were escaping the TFS.



Photo 2:

Looking northeast, view of CEI loading a truck with material from Gas Holder 3.