

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:	October 23, 2024
WEATHER:	Temp: 57-75°F, Sunny, RH: 54% Pressure: 30.05 in Hg Wind: SW @ 9 mph
TIME:	07:00 – 15:30

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- American Dewatering & Grouting (ADG)
- ENTACT, LLC (ENTACT)
- Clo Zironi Mecanica – Foundation Equipment (CZM)
- Weber Surveying – Boundary and Construction Surveying (Weber)

Engineers and Consultants:

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

Remedial Action Work Summary

Work Activities Performed Onsite:

- Demolition and backfill of material within the Gas Holder 4 excavation area.
- Dewatering operations for Gas Holder 4 excavation area.
- Mobilization and setup for In-situ Stabilization/Solidification (ISS) work.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) imported 18 truck (448.53 tons) of general fill material from Vulcan Wantage Quarry of New Jersey to backfill within the Gas Holder excavation area. CEI performed demolition activities within the Gas Holder 4 excavation area and prepped excavated material for future loadout. CEI continued to backfill within the northern portion of the Gas Holder 4 excavation area with the newly imported general fill material from Vulcan Wantage Quarry. Weber Surveying – Boundary and Construction Surveying (Weber) was onsite to take excavation elevation measurements within the Gas Holder 4 excavation area. All soil handling activities were conducted inside the tension fabric structure (TFS) with the associated vapor management system (VMS) in operation throughout the day.

American Dewatering & Grouting (ADG) continued 24-hr operation of the dewatering system for the Gas Holder 4 excavation area and CEI operated the water treatment system (WTS). Since the last reporting period, CEI treated approximately 847,100 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. Localized sumping within the excavation area was conducted to ensure a dry work zone.

ENTACT continued to mobilize and set up for the upcoming In-Situ Stabilization/Solidification (ISS) operations. Clo Zironi Mecanica – Foundation Equipment (CZM) performed repairs to the previously mobilized drill rig CZM EK300LS. ENTACT prepped the Site for ISS pilot testing. Dust and odor control measures (application of Atmos odor suppressing foam, wetting, tarping, limiting vehicle speeds, covering trucks prior leaving the site, etc.) continued to be performed to ensure there were no impacts to the neighborhood. Truck tires were washed to ensure material was not being tracked offsite. Exposed soils were covered with Atmos odor suppressing foam and/or poly sheeting during work operations 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.

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Remedial Action Work Summary (continued)
Vibration Monitoring:

- No alerts of vibrations exceeding Site's threshold or limiting criteria (1" /second and 2" / second, respectively) were received.
- Vibration monitoring data is included at the end of this Daily Status Report.

Erosion and Sediment Control:

- None.

Sampling Conducted:

- Groundwater samples were collected from sentinel wells SW-04S, SW-04D, SW-05D, SW-06S, SW-06D, SW-8S and SW-08D. These samples were submitted for analysis of the following parameters:
 - TCL VOCs USEPA 8260,
 - TCL SVOCs USEPA 8270,
 - TAL Metals USEPA 6020,
 - 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.
- Aaron Fischer and Scott Deyette from the NYSDEC visited the Site today.

Imported Material

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			14	354.03
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			8	202.34
Vulcan General Fill	Vulcan Wantage Quarry	18	448.53	1,313	32,709.33

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	~1,034
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			198	~4,246
	CE Southeast Pennsylvania			15	~320
	CMW Emelle			439	~8,480
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	~2,674

**DAILY STATUS REPORT**

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Exported Material (continued)

Non-Haz Contaminated Urban Fill	WM Fairless			429	~8,974.69
Non-Haz Urban Fill	CE Carteret -BZ			76	~1,662
Non-Haz MGP Impacted	CE of New Castle			418	~7,574
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			129	~2,590

Exported Material Truck Log

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

Dewatering

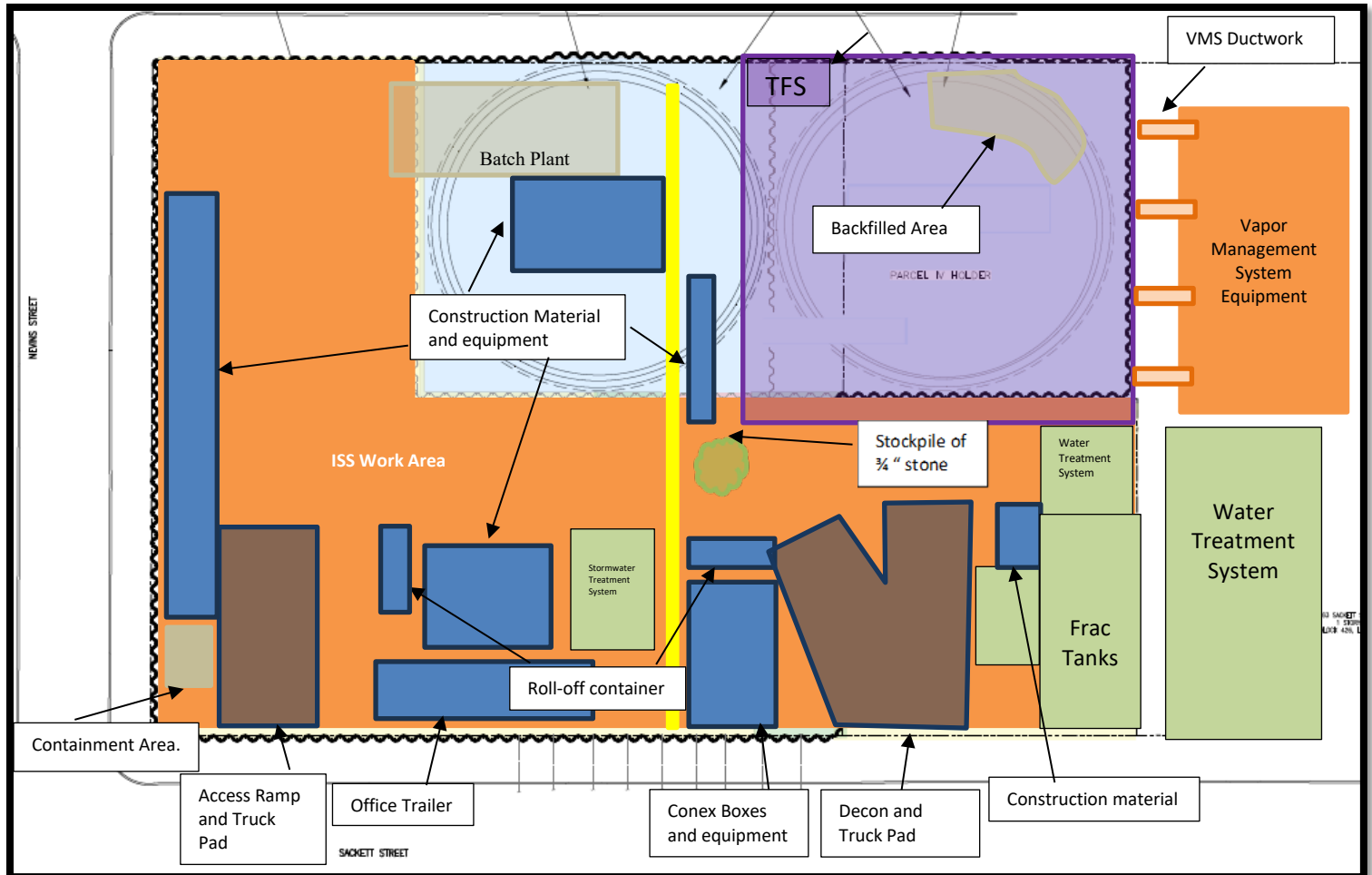
Date	Time	Totalizer Reading
10/22/24	15:11	141,657,700
10/23/24	7:06	142,238,300
10/23/24	10:57	142,369,300
10/23/24	15:13	142,504,800
Water treated and discharged to NYCDEP sewer since last report:		847,100

Anticipated Upcoming Work Activities

- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- Continue to backfill within the Gas Holder excavation area with general fill material.
- ENTACT will begin ISS pilot test within the western portion of the site.

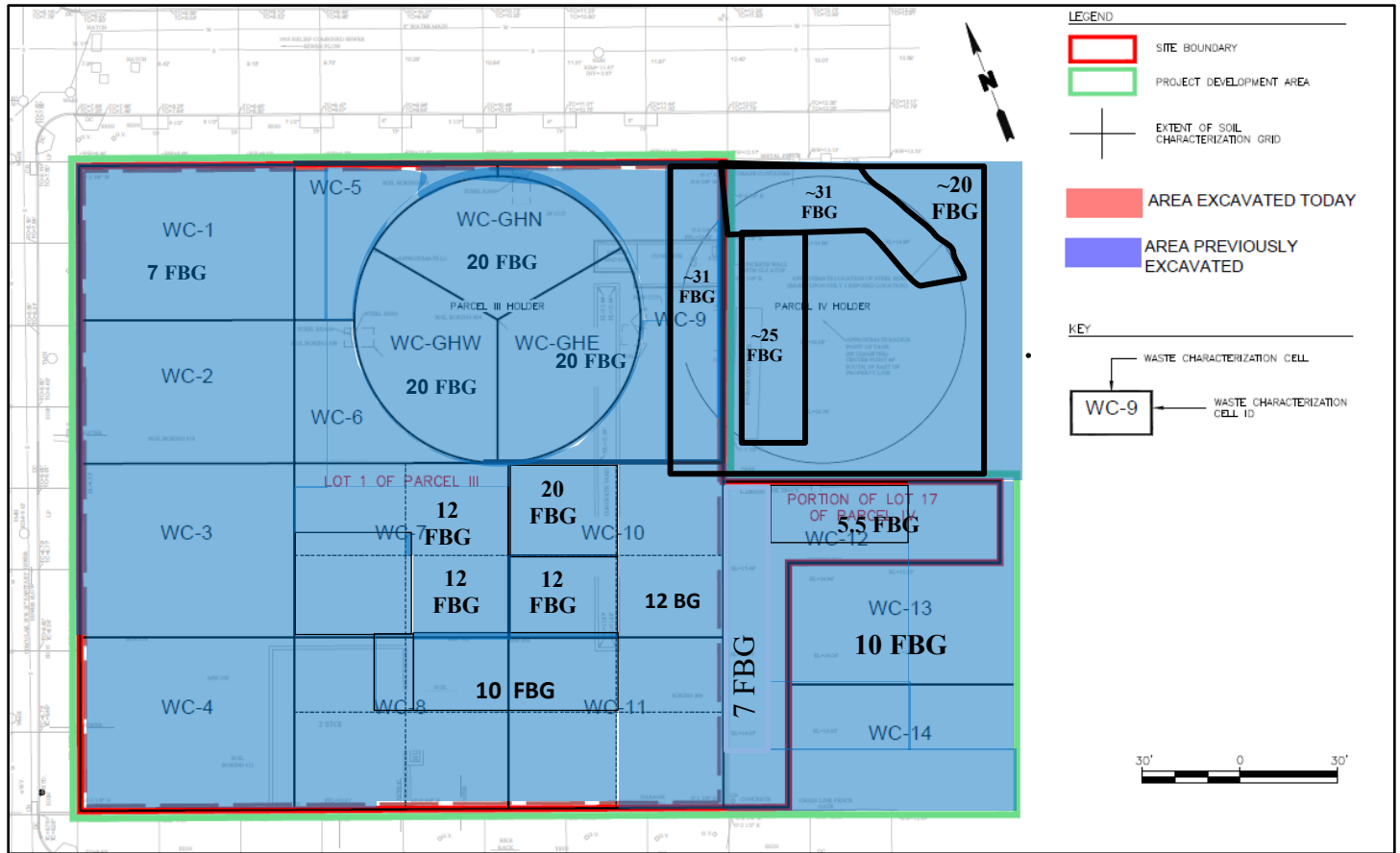
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Site Layout



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Excavation Diagram



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Photo 1:
Looking north, view of the TFS around the triaxle truck secured during unloading activities.



Photo 2:
Looking southeast, view of a triaxle truck unloading general fill material within the Gas Holder 4 excavation area.

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Photo 3:

Looking north, view of CEI backfilling the northern portion of the Gas Holder 4 excavation area with the newly imported general fill material.

545 Sackett Street

Daily Vibration Monitoring Report

2024-10-23

