

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:	September 17, 2024
WEATHER:	Temp: 64-79°F, Partly Cloudy, RH: 93% Pressure: 30.23 in Hg Wind: NE @ 6 mph
TIME:	07:00 – 15:20

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- American Dewatering & Grouting (ADG)
- ENTACT, LLC (ENTACT)

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:

- Excavation and demolition of the Gas Holder 4 structure.
- Loadout of material for offsite disposal at Clean Earth of New Castle.
- Dewatering operations for Gas Holder 4 excavation area.
- Mobilization and setup for In-situ Stabilization/Solidification work.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) excavated material and loaded out for offsite disposal 3 triaxle trucks (approximately 60 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-1 (10-15 and 15-20), WC-GH4-2 (10-15 and 15-20) and WC-15 (10-15 and 15-20) to Clean Earth of New Castle.

CEI performed excavation activities within the Gas Holder 4 excavation area. CEI continued to perform repairs to the PC490 excavator and constructed a temporary ramp to allow for the excavator to be removed from the excavation area. All excavation work was 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 687,100 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. ADG continued to install components for the wellpoint dewatering system along the northern perimeter of the Gas Holder 4 excavation area and CEI utilized sump pumps to transfer accumulated groundwater in the Gas Holder 4 excavation area into onsite frac tanks. Routine maintenance to onsite dewatering and water treatment systems was performed.

ENTACT mobilized a CAT336EI to the site for upcoming In-situ Solidification/Stabilization (ISS) work within the western portion of the site. 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 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:

- None.

Other Items of Note:

- Construction activities were observed as part of the ongoing combined sewer overflow (CSO) project west of Nevins Street.
- Construction activities were observed at the empty lot south of Sackett Street.

Imported Material

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			12	305.09
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			7	177.58
Vulcan General Fill	Vulcan Wantage Quarry			1,212	30,209.00

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			190	~4,086
	CE Southeast Pennsylvania			15	~320
	CMW Emelle			424	~8,280
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
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	3	~60	307	~5,330
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			55	~1,100



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-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2962239	Pipos	AY902M
2	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2962240	Pipos	AY671U
3	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2962241	Pipos	AY847K

Dewatering

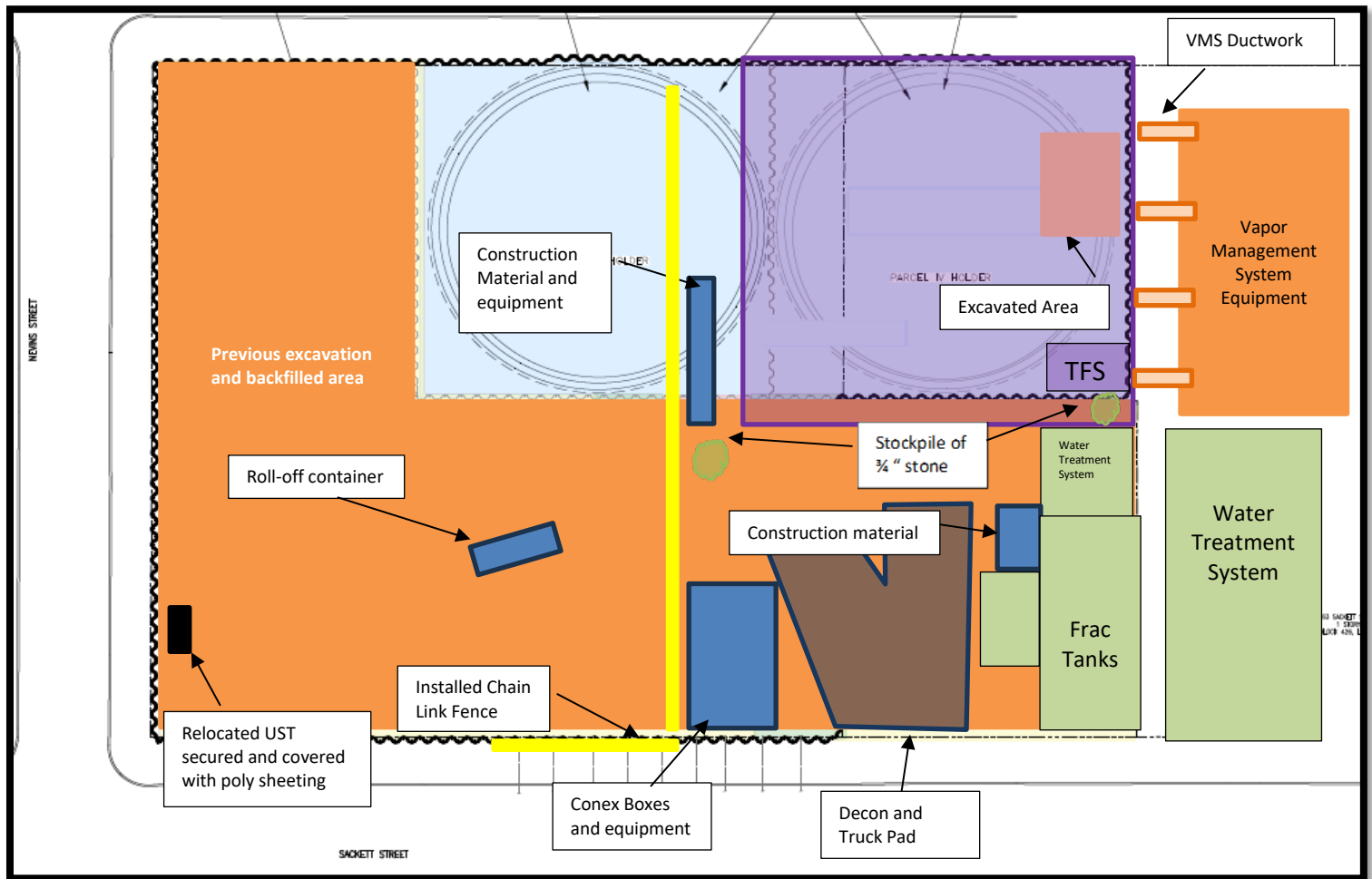
Date	Time	Totalizer Reading
9/16/24	15:30	114,975,300
9/17/24	7:05	115,386,800
9/17/24	11:10	115,523,000
9/17/24	15:14	115,662,400
Water treated and discharged to NYCDEP sewer since last report:		687,100

Anticipated Upcoming Work Activities

- Continue demolition and excavation 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.
- ADG will continue wellpoints header pipe installations within the former Gas Holder 4 excavation area.
- ENTACT will continue to mobilize equipment and construction material for upcoming ISS work.

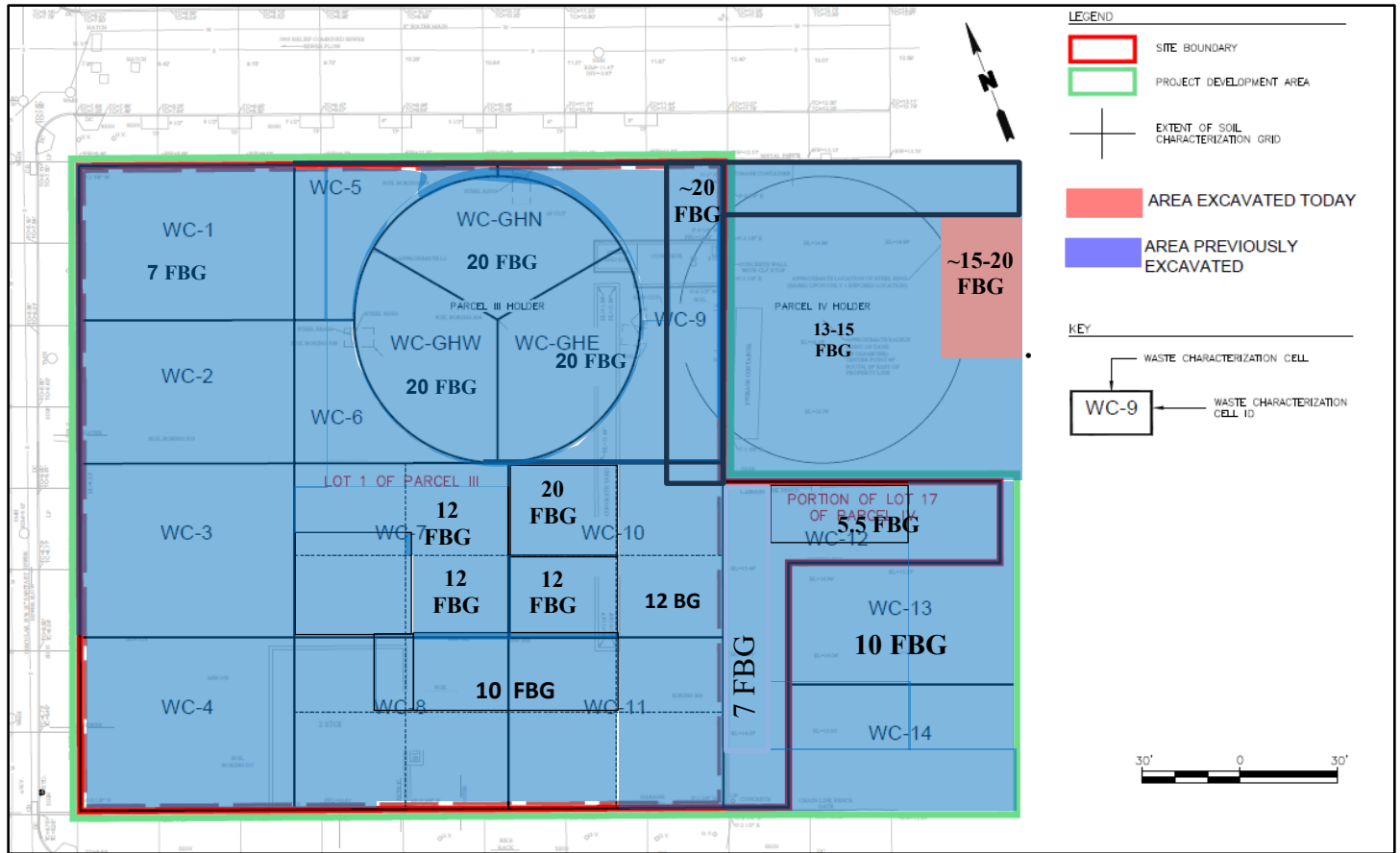
Site Layout

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Excavation Diagram



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Photo 1:

Looking north, view of the TFS around the triaxle truck secured prior to being loaded with soil material for offsite disposal.



Photo 2:

Looking south, view of CEI applying Atmos odor suppressing foam on top of a triaxle truck prior leaving the TFS.

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Photo 3:
Looking southeast, view of CEI applying Atmos odor suppressing foam within the Gas Holder 4 excavation area during soil handling activities.

545 Sackett Street

Daily Vibration Monitoring Report

2024-09-17

