

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 21, 2024
WEATHER:	Temp: 53-77°F, Sunny, RH: 47% Pressure: 30.22 in Hg Wind: WSW @ 4 mph
TIME:	07:00 – 19:00

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, demolition and loadout of material from 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) excavated and loaded 10 triaxle trucks (approximately 200 tons) of non-hazardous MGP impacted material from waste characterization WC-15 (20-25, 25-30 and 30-35) and WC-GH4-1 (25-30 and 30-35) for offsite disposal to Clean Earth of Southeast Pennsylvania (CESP). CEI performed excavation and demolition activities within the Gas Holder 4 excavation area and prepped excavated material for future loadout. 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 2,524,800 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. Dust and odor control measures (application of Atmos odor suppressing foam, misting, 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.

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.



DAILY STATUS REPORT

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Remedial Action Work Summary (continued)

Sampling Conducted:

- None.

Other Items of Note:

- Construction, vacuum truck and trucking 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			14	354.03
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			7	177.58
Vulcan General Fill	Vulcan Wantage Quarry			1,295	32,260.80

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
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	10	~200	115	~2,310

Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-15 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2599584	Valiant	AY718Y
2	WC-15 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2599585	Valiant	AY912F
3	WC-15 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2599586	Valiant	AY192P
4	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832065	Valiant	AY399C



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Exported Material Truck Log (continued)

5	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832066	Valiant	AY191P
6	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832067	Valiant	AY561J
7	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832068	Valiant	AY193P
8	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832069	Valiant	AY387N
9	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832070	Valiant	AY189P
10	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832071	Valiant	AY771U

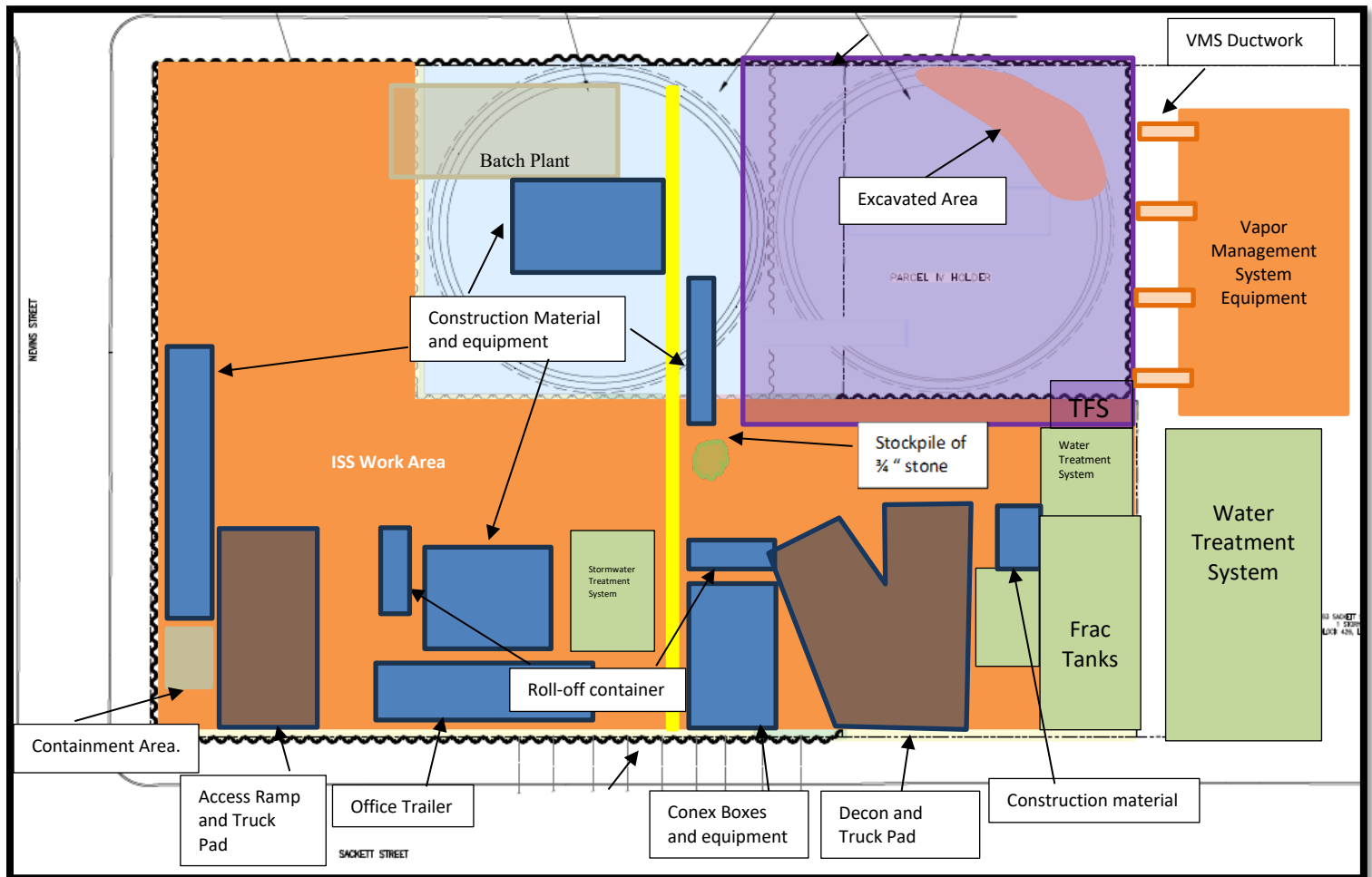
Dewatering

Date	Time	Totalizer Reading
10/18/24	15:10	138,306,800
10/21/24	7:07	140,573,900
10/21/24	11:03	140,705,200
10/21/24	15:16	140,831,600
Water treated and discharged to NYCDEP sewer since last report:		2,524,800

Anticipated Upcoming Work Activities

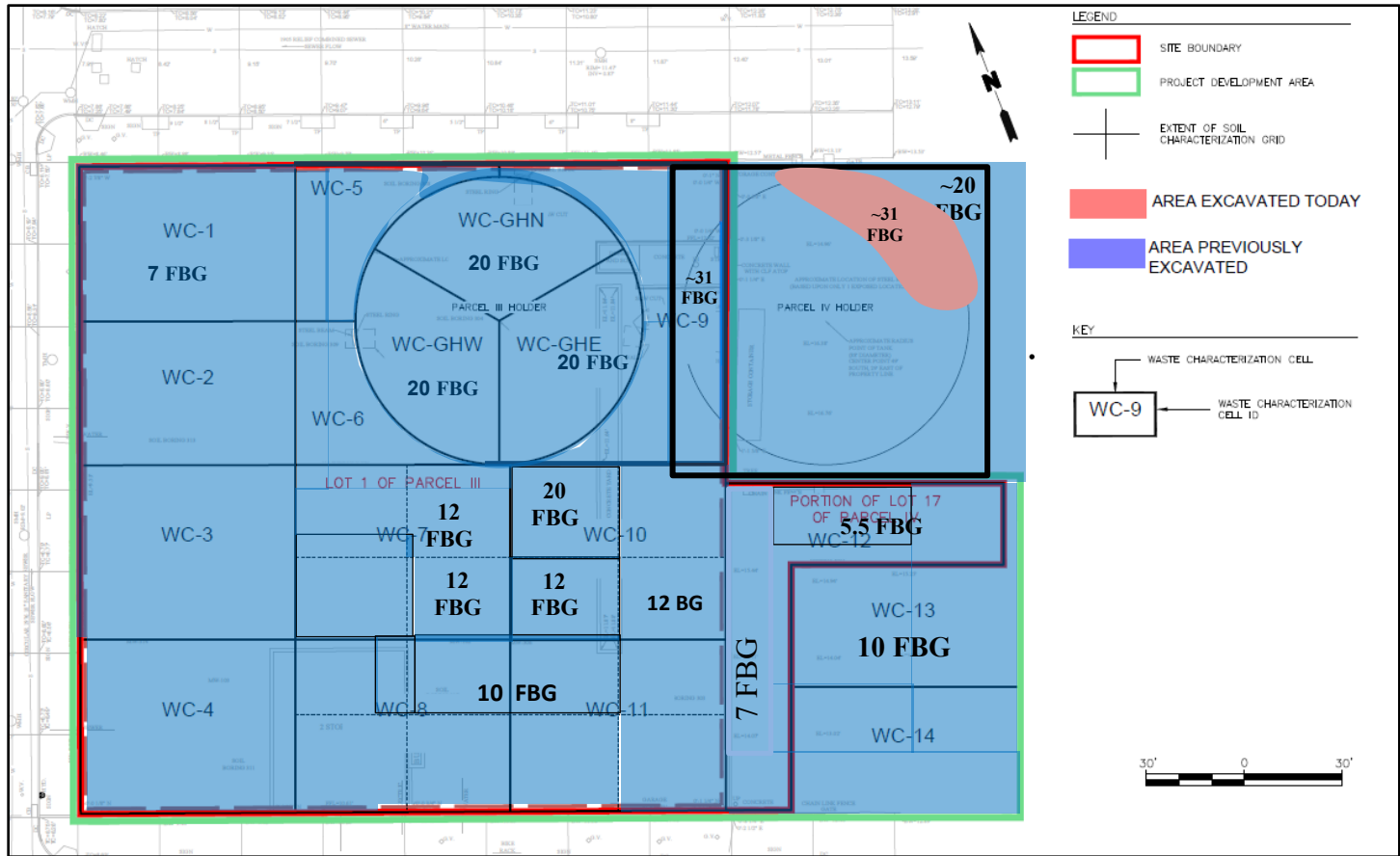
- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- ENTACT will continue to set up and obstruction removal for upcoming ISS work and drill rig assembly.

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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 the triaxle truck prior leaving the TFS.

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Photo 3:

Looking east, view of CEI performing demolition activities along the northeastern perimeter of the Gas Holder 4.

545 Sackett Street

Daily Vibration Monitoring Report

2024-10-21

