

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 10, 2024
WEATHER:	Temp: 61-80°F, Sunny, RH: 64% Pressure: 30.09 in Hg Wind: North @ 7 mph
TIME:	07:00 – 17:15

Project Team

General Contractor and Subcontractors:

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

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 loadout of material from the Gas Holder 4 excavation area with offsite disposal at Clean Earth of Southeast Pennsylvania and Chemical Waste Management Emelle.
- Dewatering operations for Gas Holder 4 excavation area.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) excavated material from the western portion of the Gas Holder 4 excavation area. Excavated material was loaded out for offsite disposal to the following facilities:

- 11 triaxle trucks (approximately 220 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-3 (5-10, 10-15 and 20-25) and WC-15 (20-25) to Clean Earth of Southeast Pennsylvania (CESP).
- 10 triaxle trucks (approximately 200 tons) of MGP soil with TCE > 25ppm material from waste characterization grid WC-GH4-3 (15-20) to Chemical Waste Management Emelle (CMW Emelle).

CEI continued demolition of the Gas Holder 4 structure along the western portion of the excavation area and prepped material for future load out and disposal. All excavation work was conducted inside the tension fabric structure (TFS) with the associated vapor management system (VMS) in operation throughout the day. CEI received a delivery of lime kiln dust supersacks, Atmos odor suppressing foam and an excavator bucket. CEI demobilized a roll-off container of scrap metal.

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 644,200 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.

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. Exposed soils were covered with Atmos odor suppressing foam during work operations and at the end of the day. Truck tires were washed to ensure material was not being tracked offsite.

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.



DAILY STATUS REPORT

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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-01S, SW-01D, SW-03S, SW-03D, SW-04S, SW-05S, SW-06S, SW-06D, SW-07S, SW-07D, SW-08S 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.
- 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			6	152.05
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	~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

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Exported Material (continued)

MGP soil with TCE>25 ppm	CE ESMI			184	~3,966
	CE Southeast Pennsylvania			15	~320
	CMW Emelle	10	~200	419	~8,180
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	~8974.69
Non-Haz Urban Fill	CE Carteret -BZ			76	~1,662
Non-Haz MGP Impacted	CE of New Castle			256	~4310
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania	11	~220	44	~880

Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466842 GBF	LV.CO.INC	AG92027
2	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466843 GBF	Horwith	AH15529
3	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466844 GBF	LV.CO.INC	AG91382
4	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466845 GBF	Horwith	AH15528
5	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466846 GBF	Horwith	AH15530
6	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599558	Valiant	AY903C
7	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599559	Valiant	AY901C
8	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599560	Valiant	AY387N
9	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599561	Valiant	AY718Y
10	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599562	Valiant	AY912F
11	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599563	VE transport	AY436A
12	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599564	Valiant	AY771U
13	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599565	Valiant	AY189P
14	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599566	Valiant	AY399C
15	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599567	Valiant	AY115A
16	WC-GH4-3 (5-10, 10-15, 20-25), WC-15 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2599568	Valiant	AY192P
17	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466847 GBF	LV.CO.INC	AG92027
18	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466848 GBF	Horwith	AH15529
19	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466849 GBF	LV.CO.INC	AG91382
20	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466850 GBF	Horwith	AH15528
21	WC-GH4-3 (15-20)	CMW Emelle	MGP soil with TCE >25 ppm	007466851 GBF	Horwith	AH15530

Dewatering

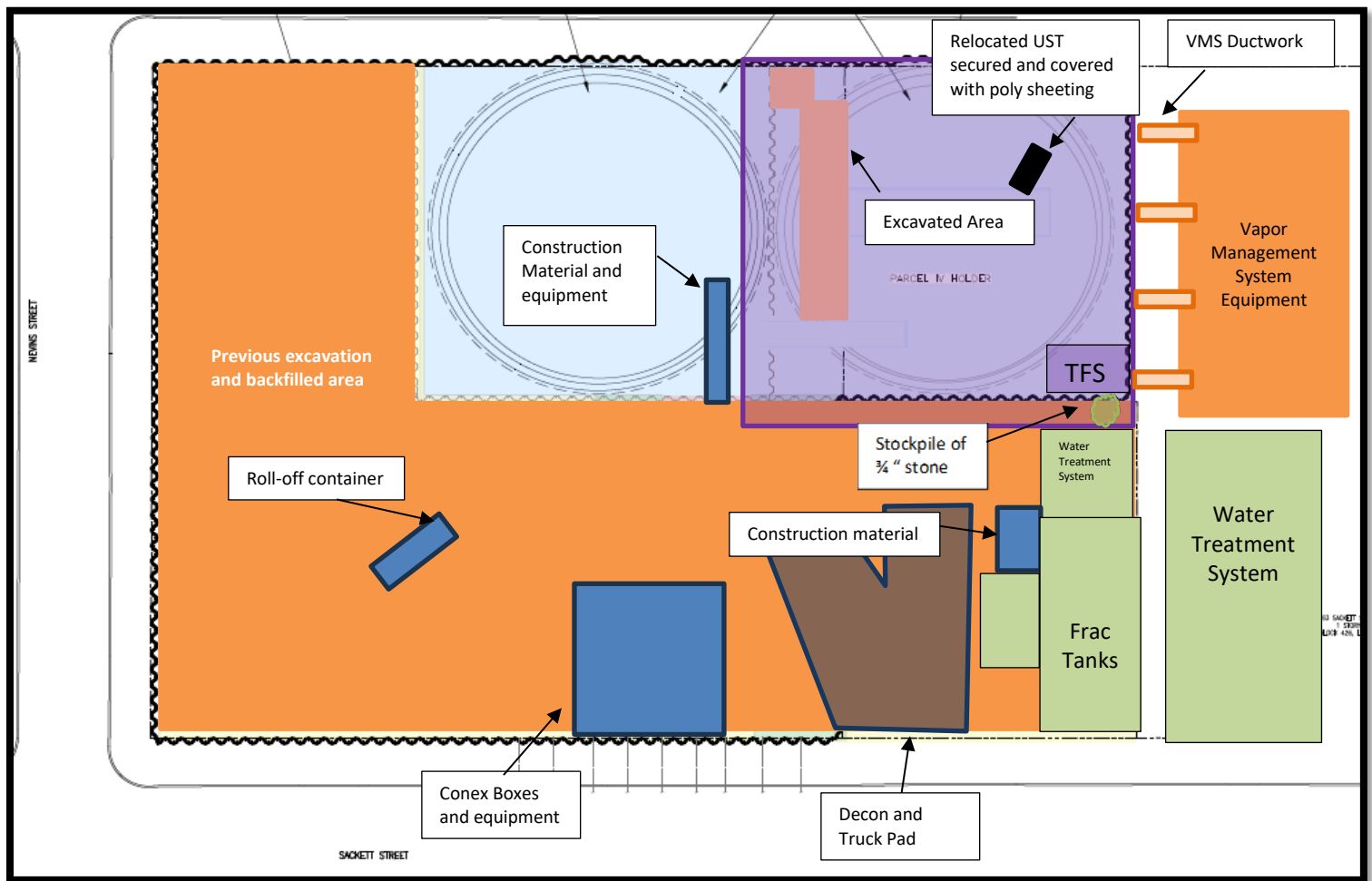
Date	Time	Totalizer Reading
9/09/24	16:25	110,542,400
9/10/24	7:14	110,925,300
9/10/24	11:12	111,047,600
9/10/24	16:38	111,186,600
Water treated and discharged to NYCDEP sewer since last report:		644,200

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Anticipated Upcoming Work Activities

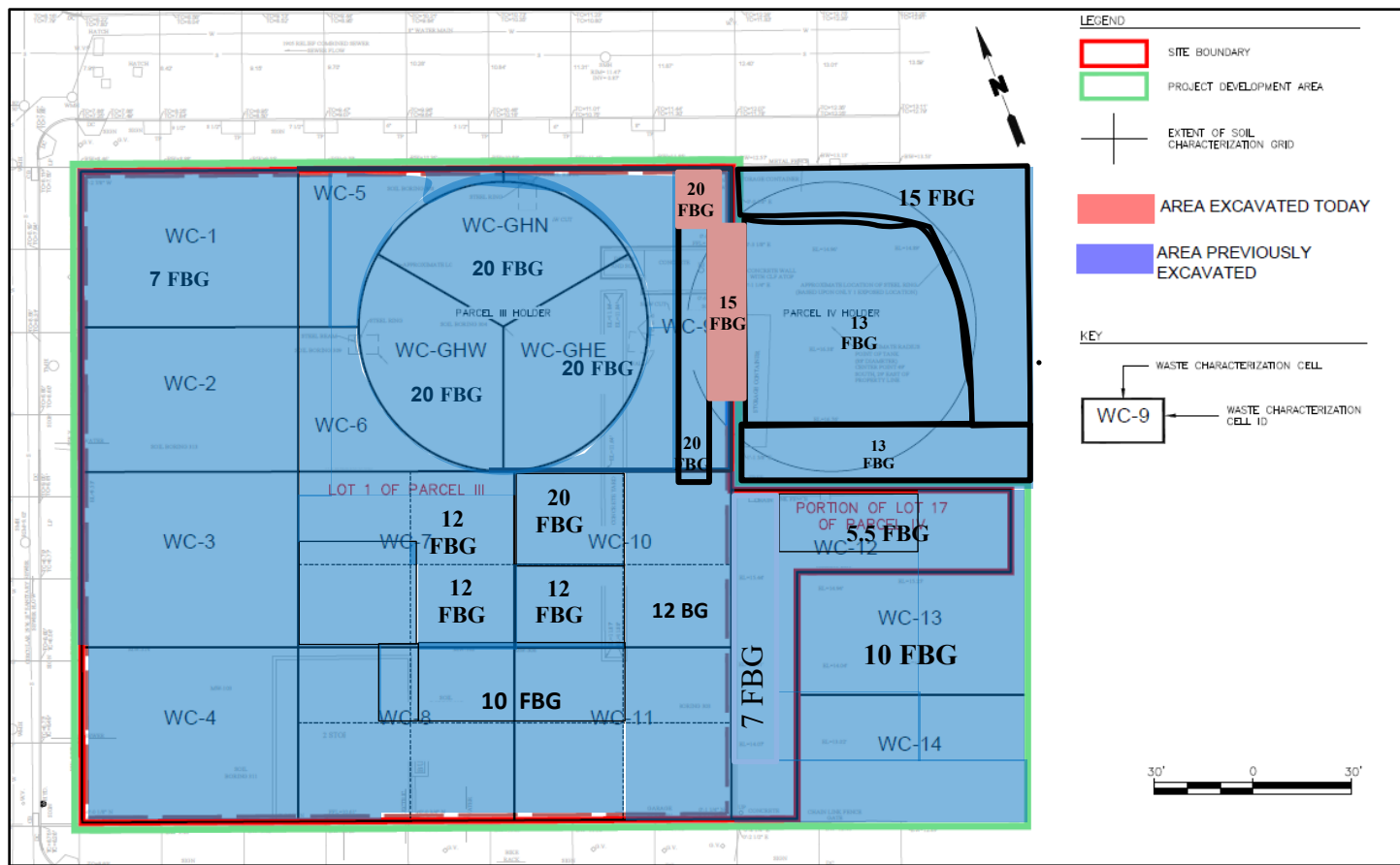
- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.

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 material for offsite disposal.



Photo 2:

Looking southeast, 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 east, view of CEI applying Atmos odor suppressing foam within the former Gas Holder 4 excavation area during excavation activities.

545 Sackett Street
Daily Site Vibration Monitoring Plot

2024-09-10

S1: On-site

