

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:	August 05, 2024
WEATHER:	Temp: 73-90°F, Sunny, RH: 50% Pressure: 29.98 in Hg Wind: South @ 7 mph
TIME:	07:00 – 15:15

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- Tri-State Civil Construction (Tri-State)

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, Landscape Architecture and Geology D.P.C. (Langan)

Remedial Action Work Summary

Work Activities Performed Onsite:

- Excavation and loadout of material for offsite disposal at Clean Earth of New Castle, Clean Earth of Southeast Pennsylvania, and Waste Management Fairless.
- Installation of support of excavation (SOE) within the former Gas Holder 4 excavation area.
- Demolition of Gas Holder 4 wall.
- Monitoring and dewatering well abandonment.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) excavated material within former Gas Holder 4 and loaded out for offsite disposal.

Disposal included:

- 5 triaxle trucks (approximately 100 tons) of nonhazardous MGP impacted material from waste characterization grids WC-15 (0-5) and WC-15 (5-10) to Clean Earth of New Castle (CENC).
- 17 triaxle trucks (approximately 340 tons) of nonhazardous urban fill material from waste characterization grids WC-2 (5-10), WC-5 (5-10) and WC-6 (5-10) to Waste Management Fairless.
- 3 triaxle trucks (approximately 60 tons) of nonhazardous contaminated soil (TCE 25-60 ppm) from waste characterization grid WC-6 (0-5) to Clean Earth of Southeast Pennsylvania.

In addition, CEI continued excavation and demolishing Gas Holder 4 wall. All excavation work related to the former Gas Holder 4 excavation area was conducted inside the tension fabric structure (TFS). CEI continued fabricating steel bracing and began installing walers along the northern and eastern perimeters in preparation to install support of excavation (SOE) in the Gas Holder 4 excavation area. CEI pumped accumulated rainwater from the northwestern portion of the site to an onsite frac tank for future treatment and disposal. Tri-State Civil Construction (Tri-State) began abandoning dewatering wells (DW-3, FW-SB-604D, FW-SB-604S, DDW-3, DW-4, DDW-2 and DW-7) previously installed in the western portion of the site.

The vapor management system (VMS) associated with the tension fabric structure (TFS) was operated throughout the day. Other 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.

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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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.
- Excavation and hammering activities were performed at an 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			1,202	29,962.96

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	3	~60	13	~280
	CMW Emelle			404	~7,880
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	17	~340	417	~8734.69
Non-Haz Urban Fill	CE Carteret -BZ			76	~1,662
Non-Haz MGP Impacted	CE of New Castle	5	~100	129	~2650
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			14	~280

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Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-15 (0-5) & WC-15 (5-10)	CENC	Non-Haz MGP Impacted	2823716	D&A	AT517L
2	WC-15 (0-5) & WC-15 (5-10)	CENC	Non-Haz MGP Impacted	2823717	D&A	AS463U
3	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270200	Adrian	AX779T
4	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270201	Adrian	AY722T
5	WC-15 (0-5) & WC-15 (5-10)	CENC	Non-Haz MGP Impacted	2823718	D&A	AT515L
6	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270202	VE	AW259D
7	WC-15 (0-5) & WC-15 (5-10)	CENC	Non-Haz MGP Impacted	2823719	D&A	AW559L
8	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270203	VE	AY259E
9	WC-15 (0-5) & WC-15 (5-10)	CENC	Non-Haz MGP Impacted	2823720	D&A	AU463J
10	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270204	VE	AW641V
11	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270205	VE	AY436A
12	WC-6 (0-5)	CESP	Non-Haz - TCE 25-60 PPM	2601920	Valiant	AY903C
13	WC-6 (0-5)	CESP	Non-Haz - TCE 25-60 PPM	2601921	Valiant	AY193P
14	WC-6 (0-5)	CESP	Non-Haz - TCE 25-60 PPM	2601922	Valiant	AY901C
15	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270206	Valiant	AY387N
16	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270207	Valiant	AY718Y
17	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270208	Valiant	AY561J
18	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270209	VE	AY774E
19	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270210	Valiant	AY191P
20	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270211	Valiant	AY192F
21	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270212	Valiant	AY771U
22	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270213	Valiant	AY399C
23	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270214	Valiant	AY115A
24	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270215	Valiant	AY192P
25	WC-2 (5-10), WC-5 (5-10), WC-6 (5-10)	WM Fairless-BG	Non-Haz Urban Fill	13270216	VE	AY260E

Dewatering

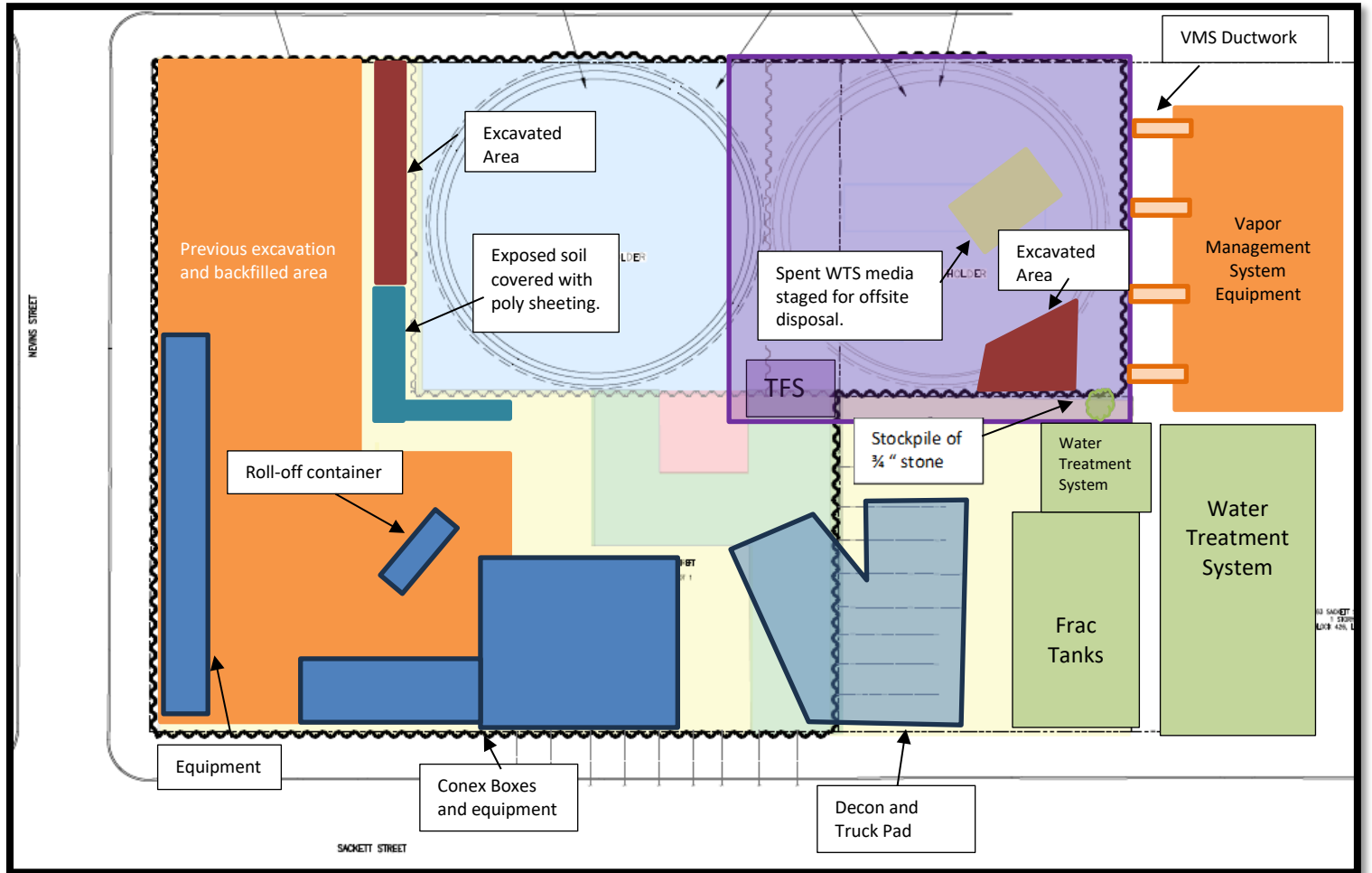
Date	Time	Totalizer Reading
8/05/24	15:15	100,823,700
Water treated and discharged to NYCDEP sewer since last report:		0

Anticipated Upcoming Work Activities

- Continue demolition, excavation, loadout in former Gas Holder 4 excavation area.
- Loadout of shallow material west of former Gas Holder 3.
- Continue installation of SOE work along the eastern perimeter of former Gas Holder 4 excavation area.
- Continue well abandonment activities.

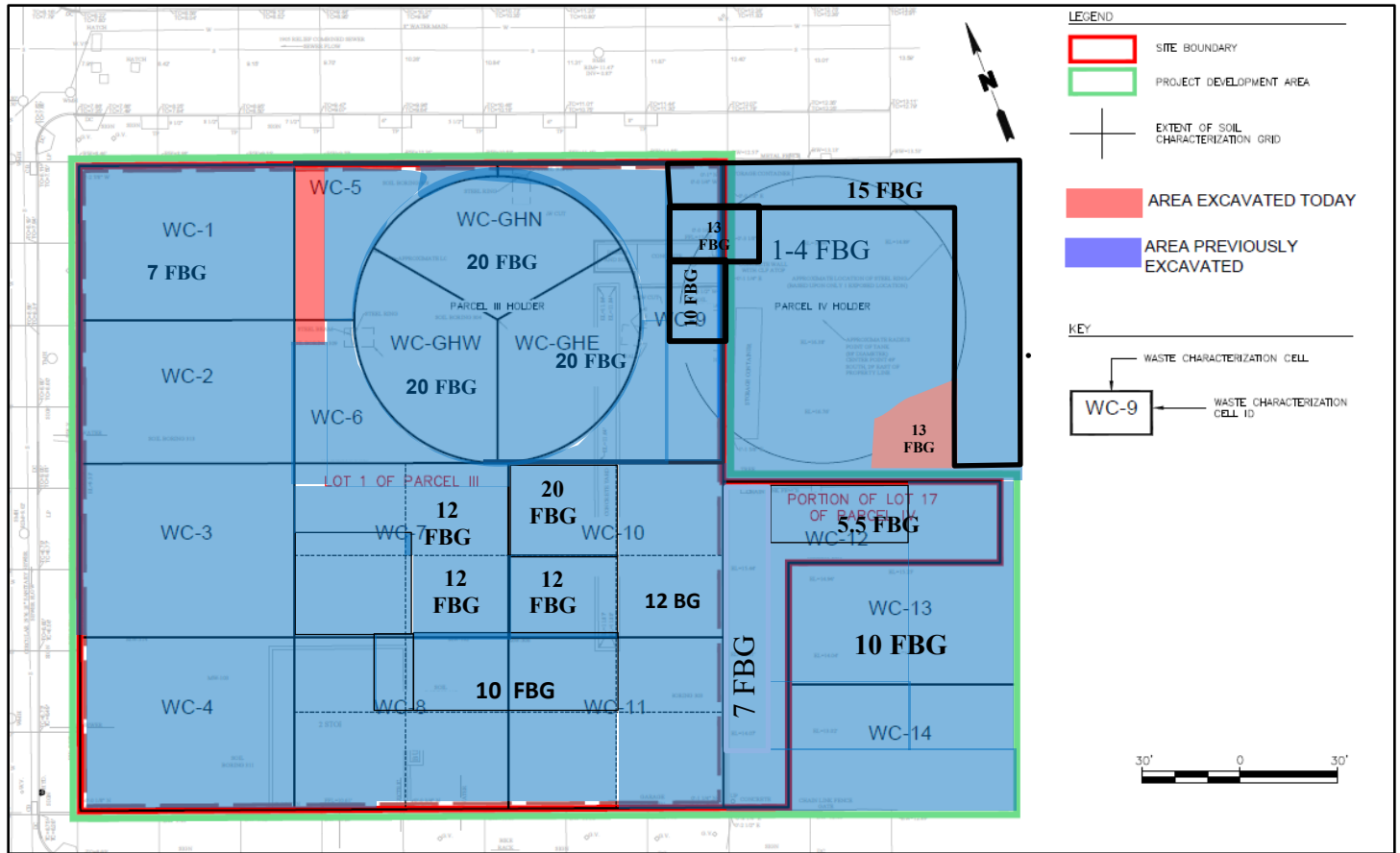
Site Layout

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Excavation Diagram



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Photo 1:

Looking northwest, view of CEI loading a triaxle truck with material from waste characterization grid WC-2 for offsite disposal to WM Fairless and applying Atmos odor suppressant foam west of former Gas Holder 3 excavation area.



Photo 2:

Looking southwest, view of Tri-State performing well abandonment activities at DDW-2.

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Photo 3:

Looking north, view of CEI using the hammer to break the Gas Holder 4 Wall.

545 Sackett Street
Daily Site Vibration Monitoring Plot

2024-08-05

S1: On-site

