

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:	January 26, 2023
WEATHER:	Temp: 44 - 45°F, Cloudy, RH: 67% Pressure: 29.54" Hg Wind: NW @ 17 mph
TIME:	07:00 – 15:30

Project Team

General Contractor and Subcontractors:

- Mega Contracting Group, LLC
- Creamer Environmental, Inc.

Engineers/Consultants

- Roux Environmental Engineering and Geology, D.P.C.
- Mueser Rutledge Consulting Engineers, PLLC
- GZA GeoEnvironmental, Inc.

Remedial Action Work Summary

Work Activities Performed Onsite:

- Excavation inside the tension fabric structure (TFS) and soil export continued from waste characterization grid WC-11 (5-10'); and
- Dewatering pumping test continued, and;
- Installation of support of excavation elements continued.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI), continued excavation and load out of material from the first phase of the excavation work within the TFS. CEI loaded 17 truckloads of soil, approximately 374 tons of non-hazardous urban fill from the south side of grid WC-11 (5-10') to a depth of approximately 7 feet below grade for off-site disposal to the Waste Management Fairless facility. One truck of impacted concrete from excavation area WC-10/WC-11 was loaded out for disposal Waste Management Fairless. All transport trucks were cleaned and inspected before leaving the site. All excavation work was conducted inside the TFS with the vapor management system (VMS) running and measures to control dust (tarping and limiting vehicle speed) were applied throughout the day, as needed.

CEI continued with the dewatering pumping test. CEI completed pump test on dewatering well DW7 and switched the pumping test to well DW5 partway through the day. . Approximately 29,742 gallons of groundwater from the dewatering pump test was processed through the water treatment system and discharged to the New York City combined sewer system. CEI continued with installation of support of excavation elements (chairs for walers) along the east boundary walls of grid WC-10 and WC-11.

Air Monitoring:

- No community air monitoring program (CAMP) exceedances were observed during the day.
- GZA GeoEnvironmental, Inc. will provide a summary report for CAMP activities.

Erosion and Sediment Control

- Erosion and sediment controls were inspected to ensure that silt fence and filter sock were undamaged and operational.

Sampling Conducted:

- January effluent sample from the water treatment system (WTS_EFFLUENT_20230126) was collected and submitted to Alpha Analytical laboratory for analysis that will be compared to the NYC Department of Environmental Protection sewer discharge criteria.

Other Items of Note:

- None

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Imported Material

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			4	102.14
Vulcan General Fill	Vulcan Wantage Quarry			71	1,800.42

Exported Material

Material	Facility	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Concrete for Recycling	Bayshore			20	421.87
TCE Impacted Haz Hot Spot	CWM Emelle			7	161.72
Cd Impacted Haz Material from WC-5	CWM Emelle			3	49.45
Cd Impacted Haz Material from WC-5	Clean Earth NJ			16	397.75
Impacted concrete	WM Fairless	1	~22	26	~630.59
Non-Haz Contaminated Urban Fill (orange zone)	WM Fairless			13	~286
Non-Haz Contaminated Urban Fill	WM Fairless	17	~374	48	~1056
MGP soil with TCE>25 ppm	Clean Earth ESMI			39	~866

Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228196	Ojeda	AX845D
2	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228197	V&E	AY259E
3	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228198	Ojeda	AT664K
4	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228199	Ojeda	AR175A
5	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228200	V&E	AY774E
6	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228201	V&E	AW358B
7	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228202	V&E	AW259D
8	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228203	V&E	AW641V
9	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228204	Ojeda	AU750G
10	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228205	Ojeda	AW442G
11	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228206	V&E	AX709B
12	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228207	V&E	AY260E
13	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228208	V&E	AY259E
14	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228209	V&E	AW358B
15	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228210	V&E	AW259D
16	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228211	V&E	AY774E
17	WC-11(5-10)'	WM Fairless	Non-haz urban fill	12228212	V&E	AW641V
18	Concrete	WM Fairless	Impacted concrete	12154479	Calderon	AX580L

Dewatering

Time	Totalize Volume (gallons)*
7:15 AM	239,167
9:48 AM	245,143
1:02 PM	251,108
3:30 PM	254,342

Water treated since last report: 29,742 gallons

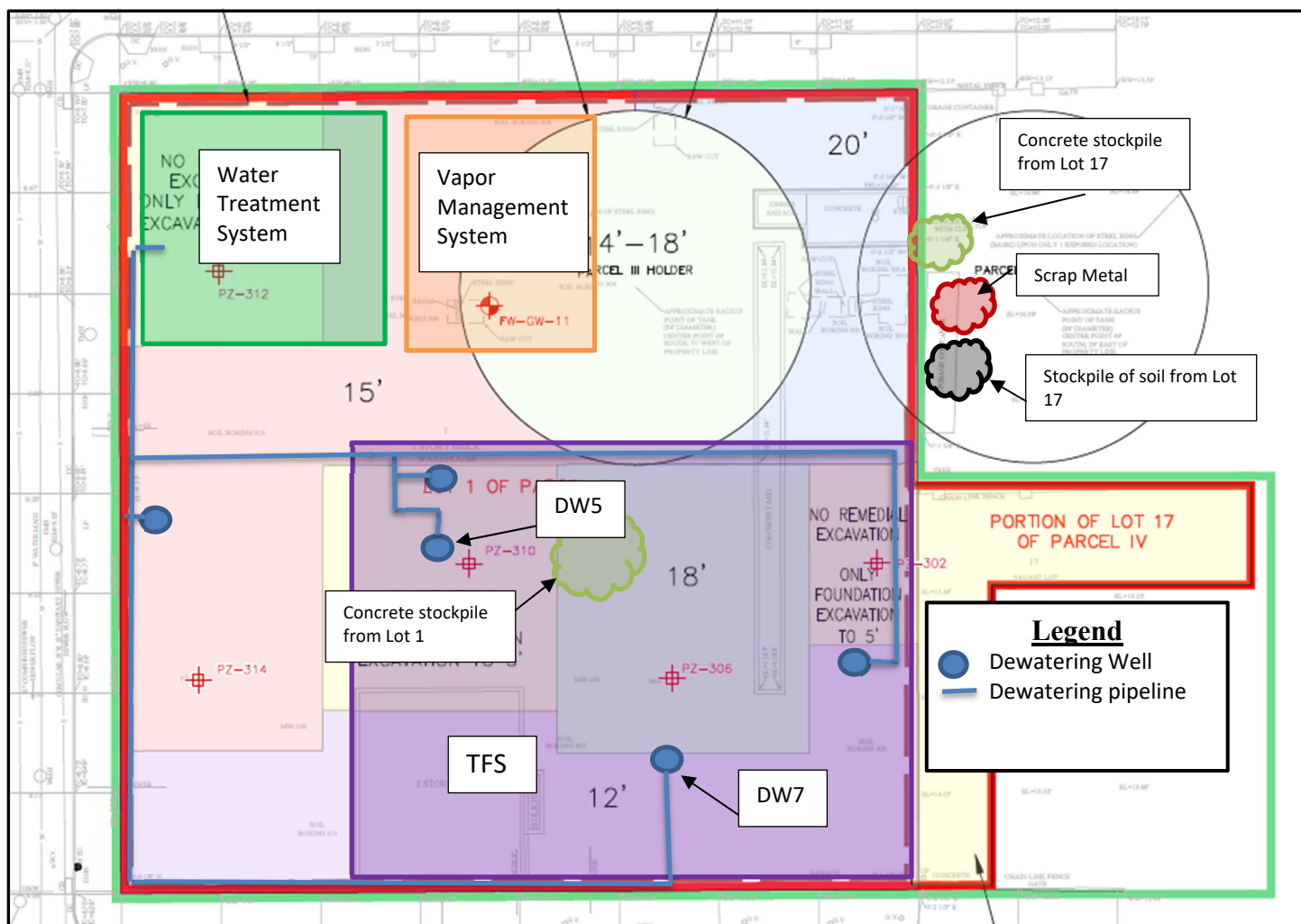
*Totalizer started at approximately 217,600 gallons of water measured at the beginning of the pumping test.

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Anticipated Upcoming Work Activities

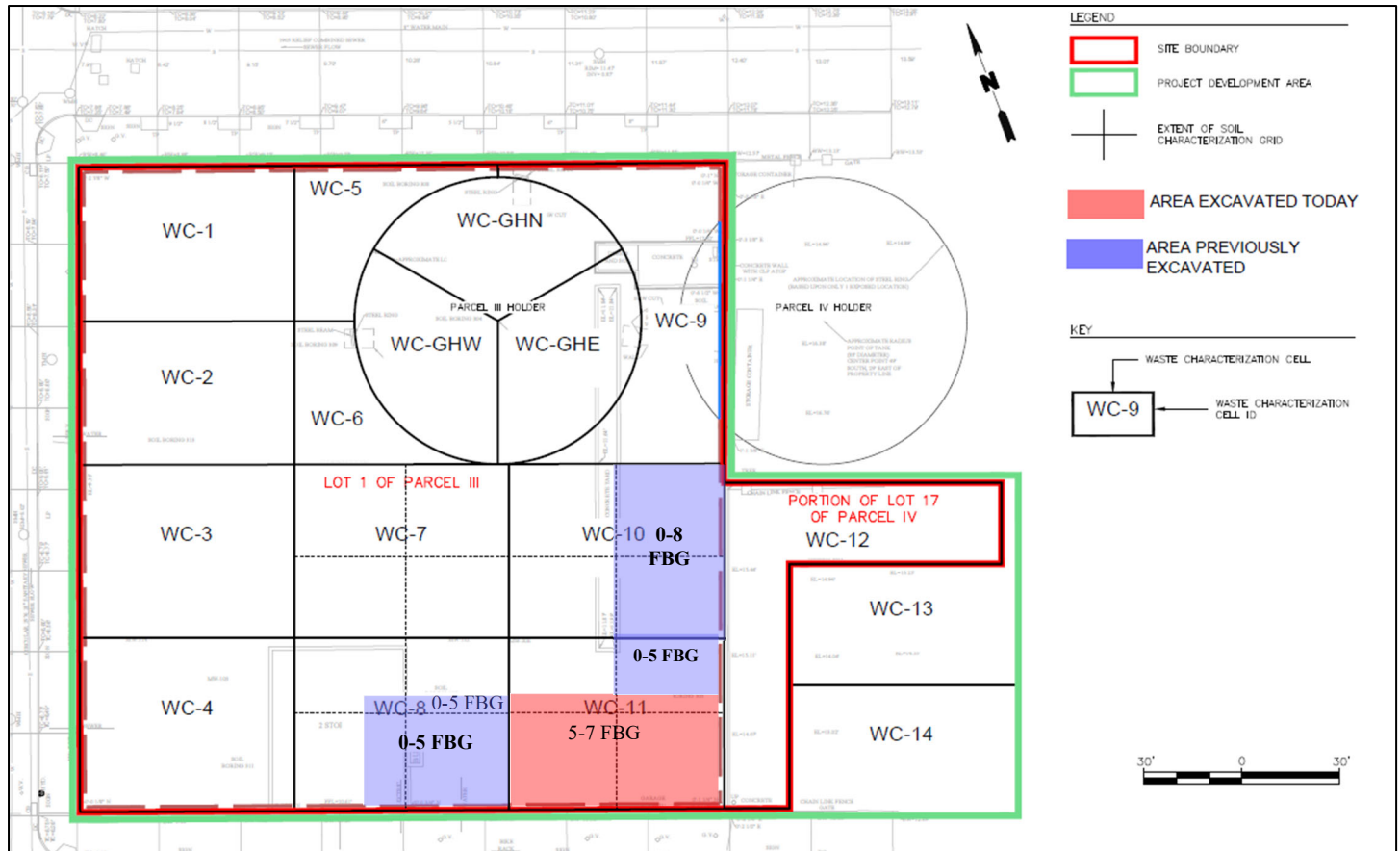
Load out and disposal of material inside the TFS from waste characterization grid WC-10 and WC-8 and impacted concrete for disposal at Waste Management Fairless of Morrisville, PA. Dewatering pumping test to continue.

Site Layout



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Excavation Diagram



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Photographs of Onsite Work



Photo 1:

CEI loading soil from WC-11 (5-10)' for disposal to Waste Management Fairless facility.



Photo 2:

CEI installing chair and spacers at the east boundary wall of grid WC-10.