

<b>PROJECT:</b>	Former Fulton MGP – Parcels III and IV (Site No.: 224051)
<b>ADDRESS:</b>	545 Sackett St., Brooklyn, NY
<b>PREPARED BY:</b>	Roux Environmental Engineering and Geology, D.P.C.
<b>DATE:</b>	October 8, 2024
<b>WEATHER:</b>	Temp: 59-69°F, Sunny, RH: 38% Pressure: 29.87 in Hg Wind: NW @ 8 mph
<b>TIME:</b>	07:00 – 15:30

### 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 12 triaxle trucks (approximately 240 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-1 (25-30 and 30-35) and WC-GH4-3 (20-25, 25-30 and 30-35) for offsite disposal to Clean Earth Southeast Pennsylvania (CESP). CEI performed excavation and demolition activities in the northeast and northwest sections of the Gas Holder 4 excavation area and prepped excavated material for future loadout. CEI continued downsizing metal found within the north side of the Gas Holder 4 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 822,400 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.

ENTACT imported 1 truck (24.60 tons) of 1.5-inch stone to construct the truck pad within the southwest corner of the site. ENTACT continued to relocate equipment on the west portion of the site in preparation for the upcoming In-situ Stabilization/Solidification (ISS) operations and received a delivery of filter socks. 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.

#### 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.

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**Remedial Action Work Summary (continued)**
Erosion and Sediment Control:

- ENTACT replaced a filter sock within the northwest corner of the site.

Sampling Conducted:

- Groundwater samples were collected from sentinel wells SW-01S, SW-01D, SW-02S, SW-02D, SW-04S, SW-04D, 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, Vacuum truck and loadout activities were observed as part of the ongoing combined sewer overflow (CSO) project west of Nevins Street.
- Construction and trucking activities were observed at the empty lot south of Sackett Street.
- Jackhammering activities were performed on Sackett Street as part of electrical vault installations.

**Imported Material**

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry	1	24.60	14	354.03
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			7	177.58
Vulcan General Fill	Vulcan Wantage Quarry			1,254	31,248.37

**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			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

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**Exported Material (continued)**

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	12	~240	105	~2,110

**Exported Material Truck Log**

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832055	Valiant	AY193P
2	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832056	Valiant	AY901C
3	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832057	Valiant	AY718Y
4	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832058	Valiant	AY192P
5	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832059	VE Transport	AY260E
6	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832060	Valiant	AY399C
7	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832061	Valiant	AY561J
8	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832062	Valiant	AY387N
9	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832063	Valiant	AY771U
10	WC-GH4-1 (25-30, 30-35), WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832064	Valiant	AY189P
11	WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2599582	Valiant	AY115A
12	WC-GH4-3 (20-25, 25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2599583	VE Transport	AY260E

**Dewatering**

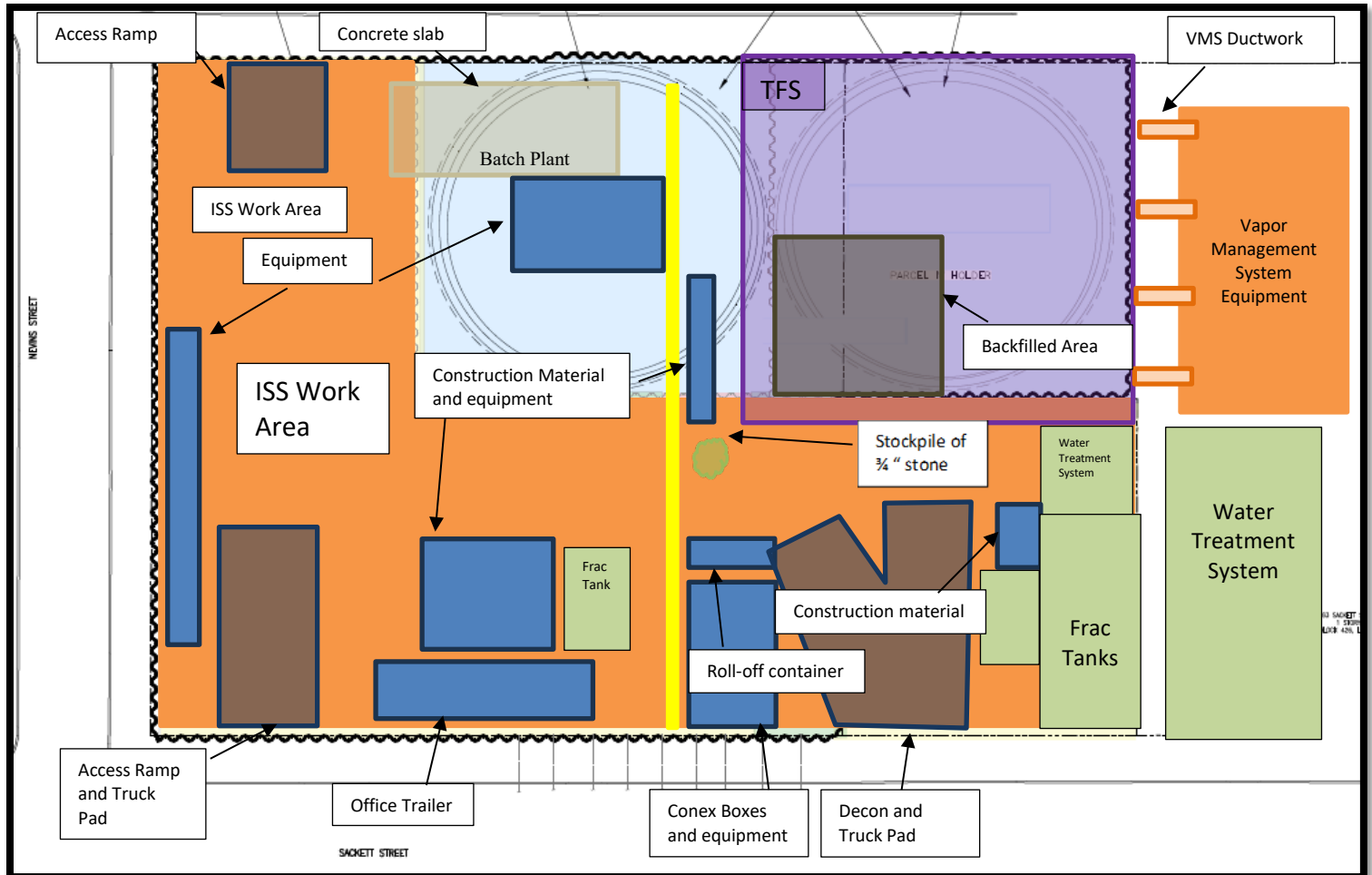
Date	Time	Totalizer Reading
10/07/24	15:15	130,574,000
10/08/24	7:03	131,139,800
10/08/24	11:17	131,261,200
10/08/24	15:15	131,396,400
<b>Water treated and discharged to NYCDEP sewer since last report:</b>		<b>822,400</b>

**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 mobilize equipment and construction material for upcoming ISS work.
- Backfill within the Gas Holder excavation area with general fill material.

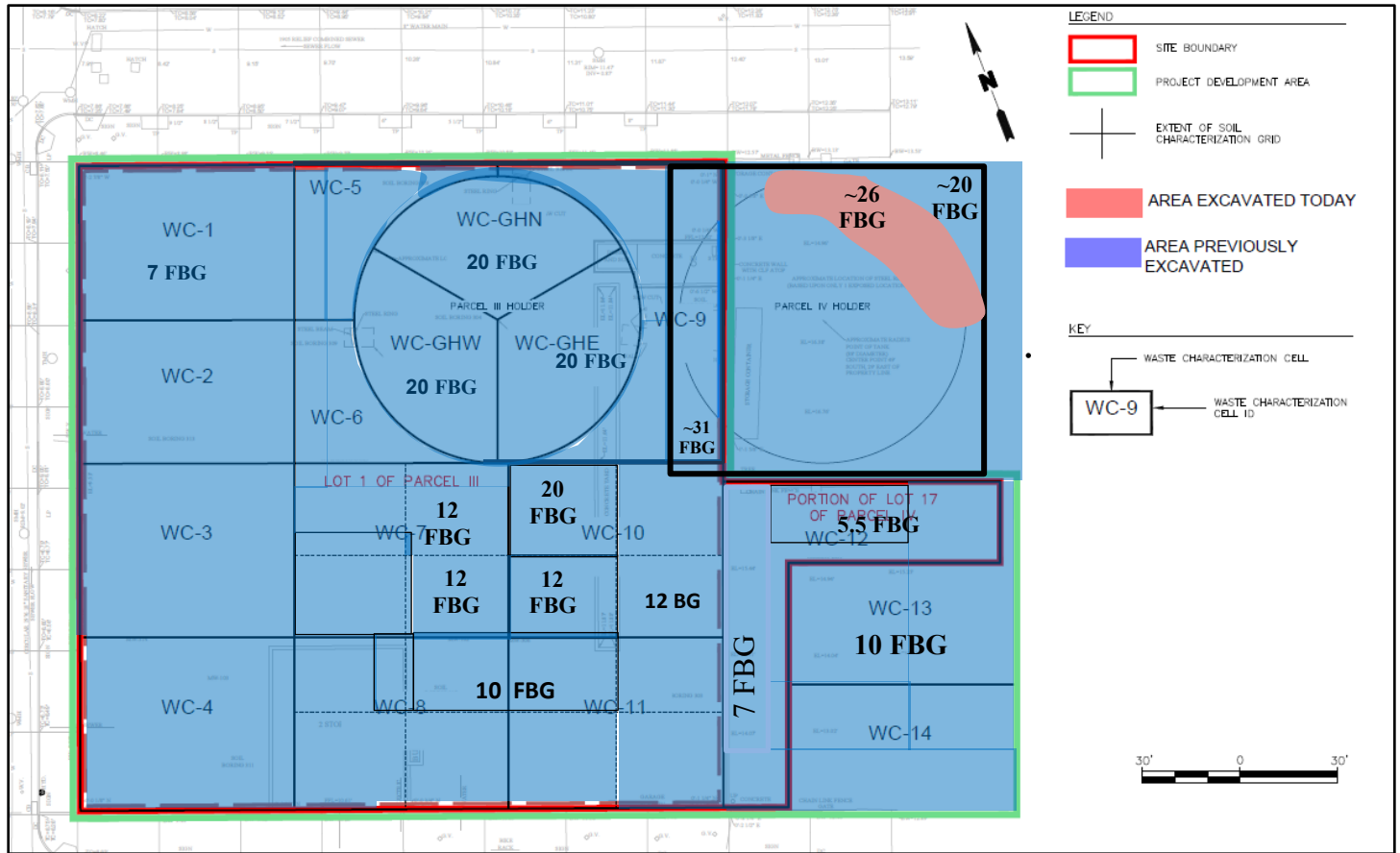
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### Site Layout



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### Excavation Diagram





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**Photo 1:**

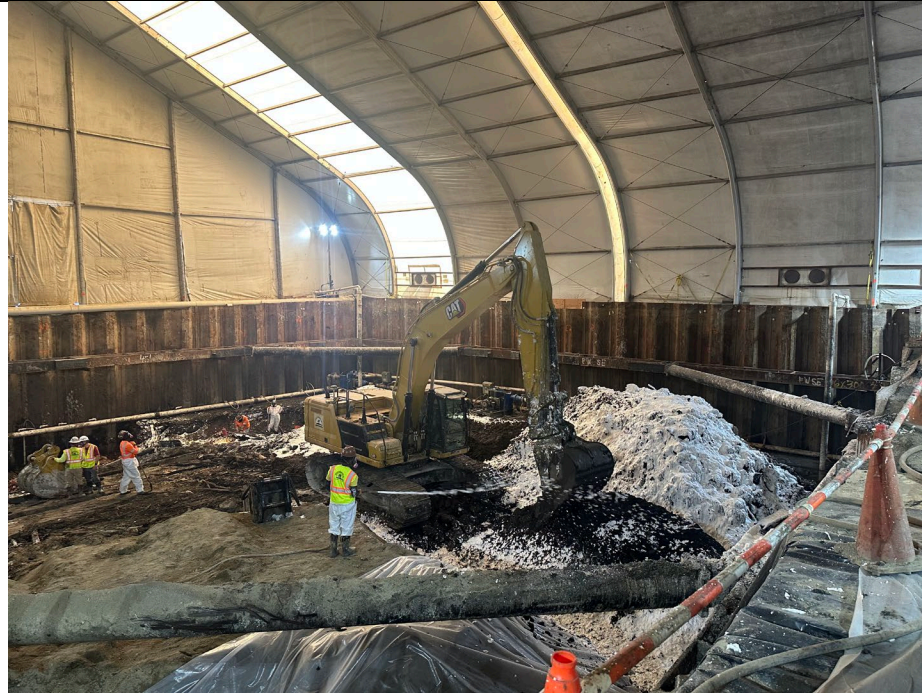
Looking north, view of the TFS around the triaxle truck secured prior to being loaded with soil material for offsite disposal.



**Photo 2:**

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

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**Photo 3:**  
Looking northeast, view of CEI applying Atmos odor suppressing foam during soil handling activities.

# 545 Sackett Street

## Daily Vibration Monitoring Report

2024-10-08



