

<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>	September 25, 2024
<b>WEATHER:</b>	Temp: 62-69°F, Cloudy, RH: 73% Pressure: 30.15 in Hg Wind: East @ 11 mph
<b>TIME:</b>	07:00 – 17:00

### Project Team

#### General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- American Dewatering & Grouting (ADG)
- ENTACT, LLC (ENTACT)
- Samco Construction (Samco)
- Aarco Environmental Services Inc. (AARCO)

#### 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 work.
- Cleaning and disposal of underground storage tank.

#### Contractor Work Performed Onsite:

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

- 10 triaxle trucks (approximately 200 tons) of MGP soil with TCE > 25ppm material from waste characterization grids WC-GH4-3 (15-20) Chemical Waste Management Emelle.
- 12 triaxle trucks (approximately 240 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-2 (10-15 and 15-20) and WC-15 (10-15 and 15-20) to Clean Earth of New Castle (CENC).

CEI continued excavation activities and prepped material for loadout from the southern and center portions 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 701,800 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. American Dewatering & Grouting (ADG) continued to install the wellpoint header pipe along the eastern and southern perimeters of the Gas Holder 4 excavation area.

ENTACT continued to mobilize equipment and Silos to the site for the upcoming In-situ Stabilization/Solidification (ISS) work. ENTACT and Samco Construction (Samco) poured a concrete slab to support ISS equipment and installed a perimeter misting system. AARCO cleaned the interior of the previously discovered underground storage tank (UST) that was discovered within the Gas Holder 4 excavation area and disposed of the UST offsite. 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.

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**Remedial Action Work Summary (continued)**
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.

Sampling Conducted:

- Effluent sample from the WTS (WTS\_Effluent\_20240925) was collected for NYCDEP discharge parameters.
- Groundwater samples were collected from sentinel wells SW-02S, SW-02D, SW-05D, SW-04D. 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 and trucking activities were observed as part of the combined sewer overflow (CSO) project west of Nevins St.
- Construction activities were observed at the empty lot across 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			7	177.58
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	~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

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**Exported Material (continued)**

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	10	~200	434	~8,380
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	12	~240	373	~6,670
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			63	~1,260

**Exported Material Truck Log**

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468440 GBF	Horwith	AG61522
2	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468441 GBF	Horwith	AG92031
3	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468442 GBF	Horwith	AH24350
4	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468443 GBF	Horwith	AG92028
5	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468444 GBF	Horwith	AH54079
6	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949123	Valiant	AY516J
7	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949124	Valiant	AY115A
8	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949125	Valiant	AY771U
9	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949126	Valiant	AY192P
10	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949127	D&A	AT515L
11	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949128	Valiant	AY399C
12	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949129	D&A	AX884E
13	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949130	D&A	AW244V
14	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949131	D&A	AT880N
15	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949132	Valiant	AY912F
16	WC-GH4-3 (10-15, 15-20)	Emelle	Non-Haz MGP Impacted material	007468445 GBF	Horwith	AG61522
17	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468446 GBF	Horwith	AG92031
18	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468447 GBF	Horwith	AG92028
19	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468448 GBF	Horwith	AH24350
20	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949133	D&A	AS500Y
21	WC-15 (10-15, 15-20), WC-GH4-2 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949134	D&A	AU674Y
22	WC-GH4-3 (10-15, 15-20)	Emelle	MGP Waste with CVOC impacts	007468449 GBF	Horwith	AH54079

**Dewatering**

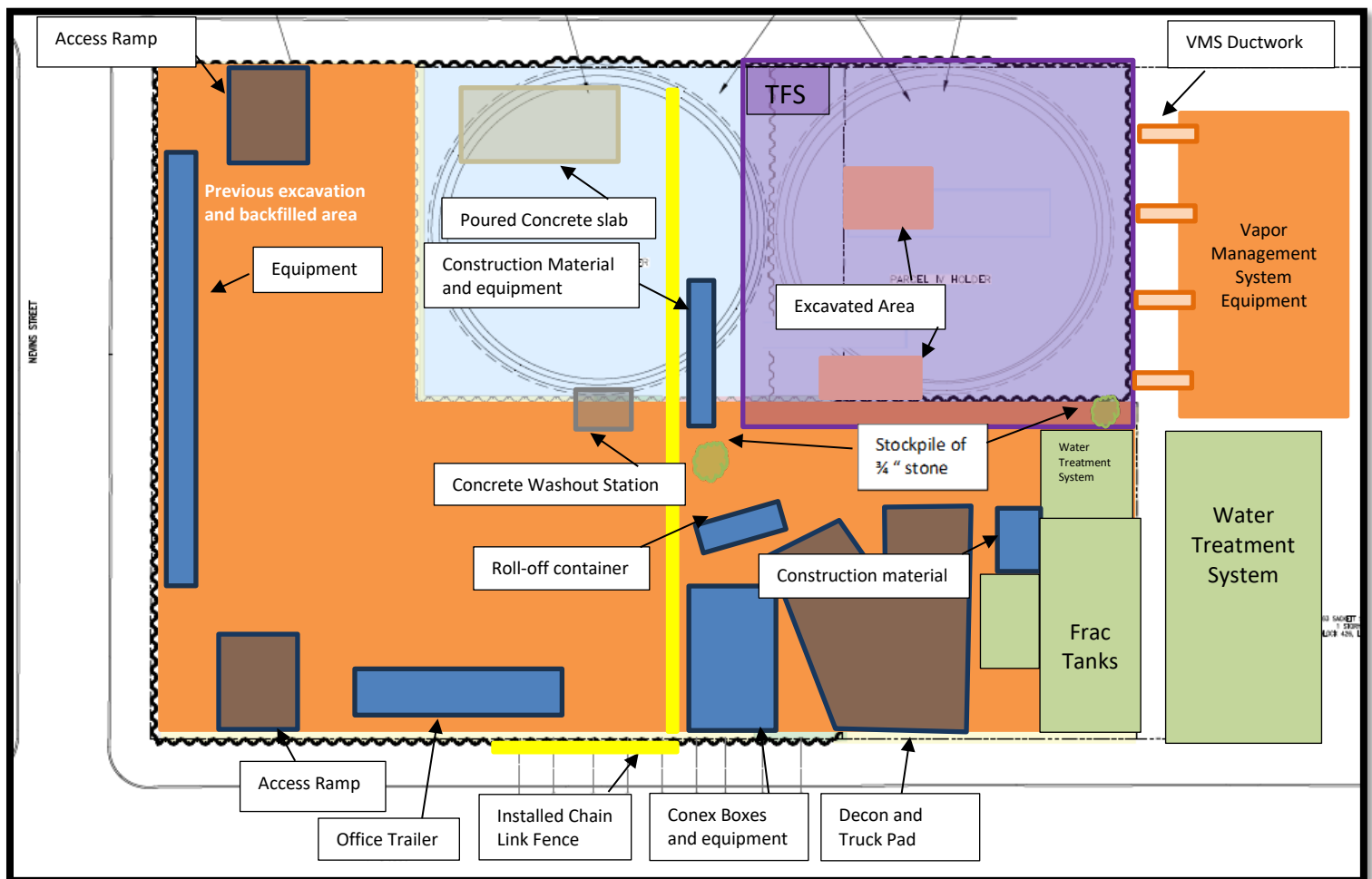
Date	Time	Totalizer Reading
9/24/24	15:10	120,578,300
9/25/24	7:27	121,048,300
9/25/24	13:15	121,232,600
9/25/24	15:16	121,280,100
Water treated and discharged to NYCDEP sewer since last report:		701,800

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### Anticipated Upcoming Work Activities

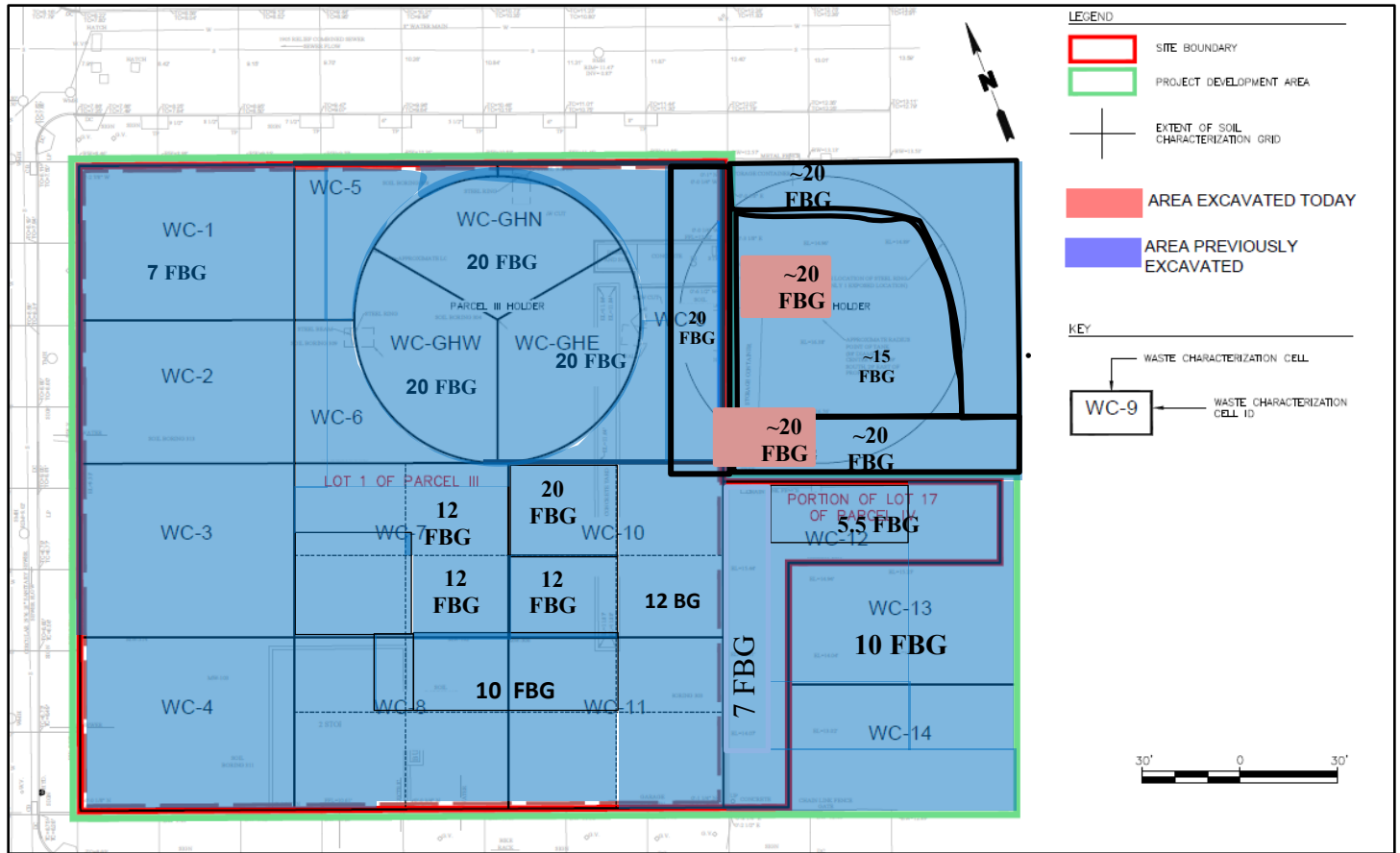
- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- ENTACT will continue to mobilize equipment and construction material for upcoming ISS work.

### 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 a triaxle truck prior leaving the TFS.

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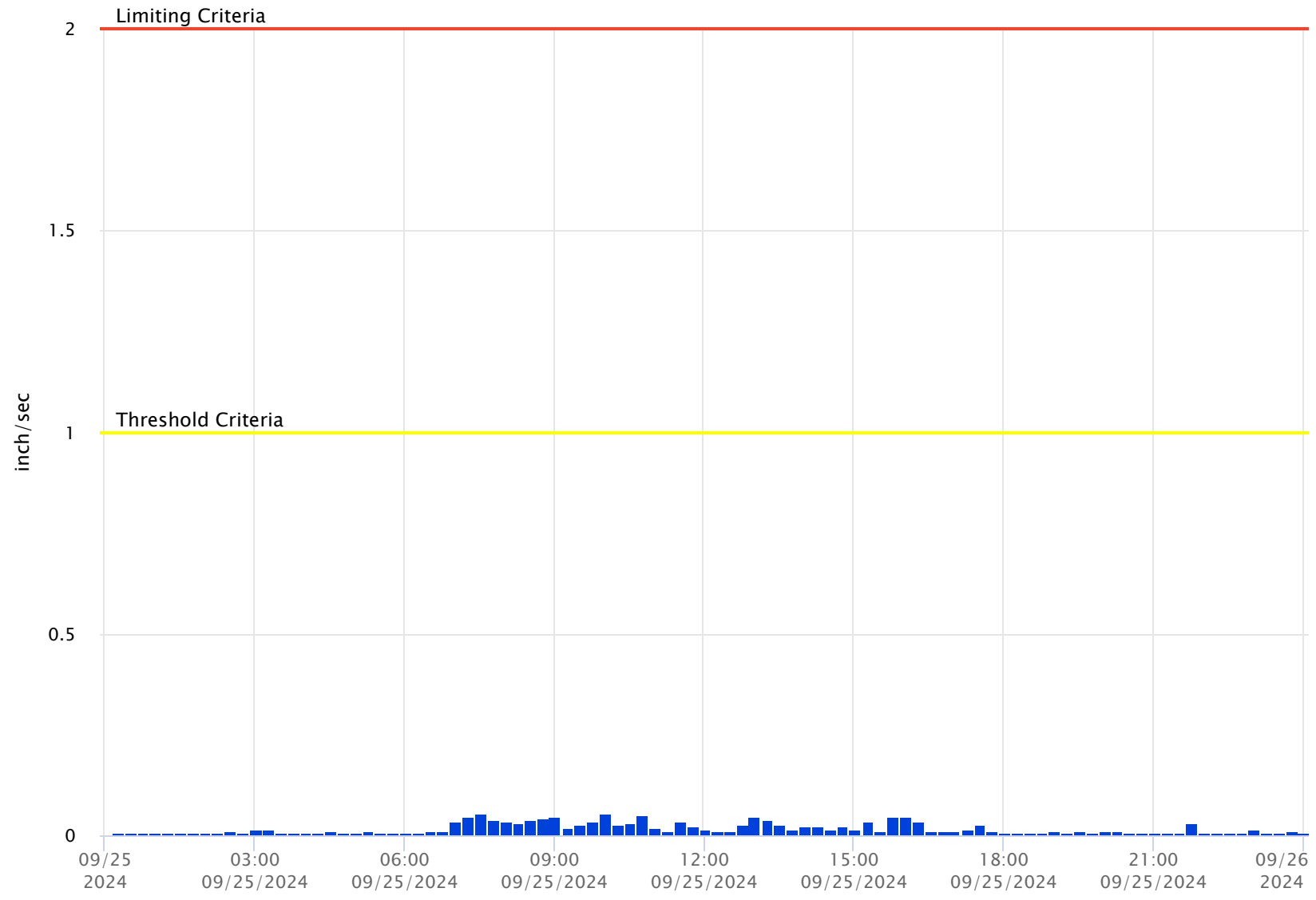
**Photo 3:**  
Looking north, view of ENTACT and AARCO loading the previously cleaned UST for offsite disposal.

# 545 Sackett Street

## Daily Vibration Monitoring Report

2024-09-25

# S1: On-site



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