

<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 25, 2024
<b>WEATHER:</b>	Temp: 47-65°F, Sunny, RH: 36% Pressure: 30.06 in Hg Wind: SW @ 7 mph
<b>TIME:</b>	07:00 – 18:00

### Project Team

#### General Contractor and Subcontractors:

- Mega Contracting Group, LLC (Mega)
- Creamer Environmental, Inc. (CEI)
- American Dewatering & Grouting (ADG)
- ENTACT, LLC (ENTACT)
- Clo Zironi Mecanica – Foundation Equipment (CZM)

#### 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)
- Mueser Rutledge Consulting Engineers (MRCE)

### 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.
- In-situ Stabilization/Solidification (ISS) work.

#### Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) excavated and loaded out 21 triaxle trucks (approximately 420 tons) of non-hazardous MGP impacted material from waste characterization WC-GH4-1 (25-30 and 30-35) for offsite disposal to Clean Earth of Southeast Pennsylvania (CESP). CEI performed excavation and demolition activities within the Gas Holder 4 excavation area and prepped excavated material for future loadout. All excavation activities were 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 762,800 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. Localized sumping within the excavation area was conducted to ensure a dry work zone.

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 and/or poly sheeting during work operations and at the end of the day.

#### In-situ Stabilization/Solidification Remediation:

ENTACT and Clo Zironi Mecanica – Foundation Equipment (CZM) continued setup and began In-situ Stabilization/Solidification (ISS) pilot test. One column (CVOC-PT1) in the Pilot Test Area #2 was completed to elevation -23' NAVD88 and three wet samples were collected from 4.5' below grade (bg) 13.5' bg and 23.5' bg.

#### 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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**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:

- CEI replaced a filter sock that started showing signs of deterioration along Degraw Street.

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.

**Imported Material**

Name - Location	Source	During This Reporting Period		Total	
		Loads	Tons	Loads	Tons
Vulcan ASTM #3 (1 ½" Stone)	Vulcan Hamburg Quarry			14	354.03
Vulcan ASTM #57 (3/4" Stone)	Vulcan Hamburg Quarry			8	202.34
Vulcan General Fill	Vulcan Wantage Quarry			1,332	33,177.37

**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			198	~4,246
	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
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	21	~420	150	~3,010

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**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)	CESP	Non-Haz MGP Impacted (CESP)	2832086	Valiant	AX115W
2	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832087	VE Transport	AY436A
3	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832088	Valiant	AY912F
4	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832089	Valiant	AY718Y
5	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832090	VE Transport	AY774E
6	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832091	Valiant	AY115A
7	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832092	Valiant	AY192P
8	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832093	Valiant	AY399C
9	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832094	Valiant	AY771U
10	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832095	VE Transport	AW641V
11	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832096	VE Transport	AW259D
12	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832097	VE Transport	AY259E
13	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832098	Valiant	AY561D
14	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832099	Valiant	AY387N
15	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832100	Calderon	AX580L
16	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2832101	Valiant	AY189P
17	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2736311	W. Ojeda	AX845D
18	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2736312	W. Ojeda	AU750G
19	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2736313	Logitech	AY705E
20	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2736314	VE Transport	AY436A
21	WC-GH4-1 (25-30, 30-35)	CESP	Non-Haz MGP Impacted (CESP)	2736315	VE Transport	AY774E

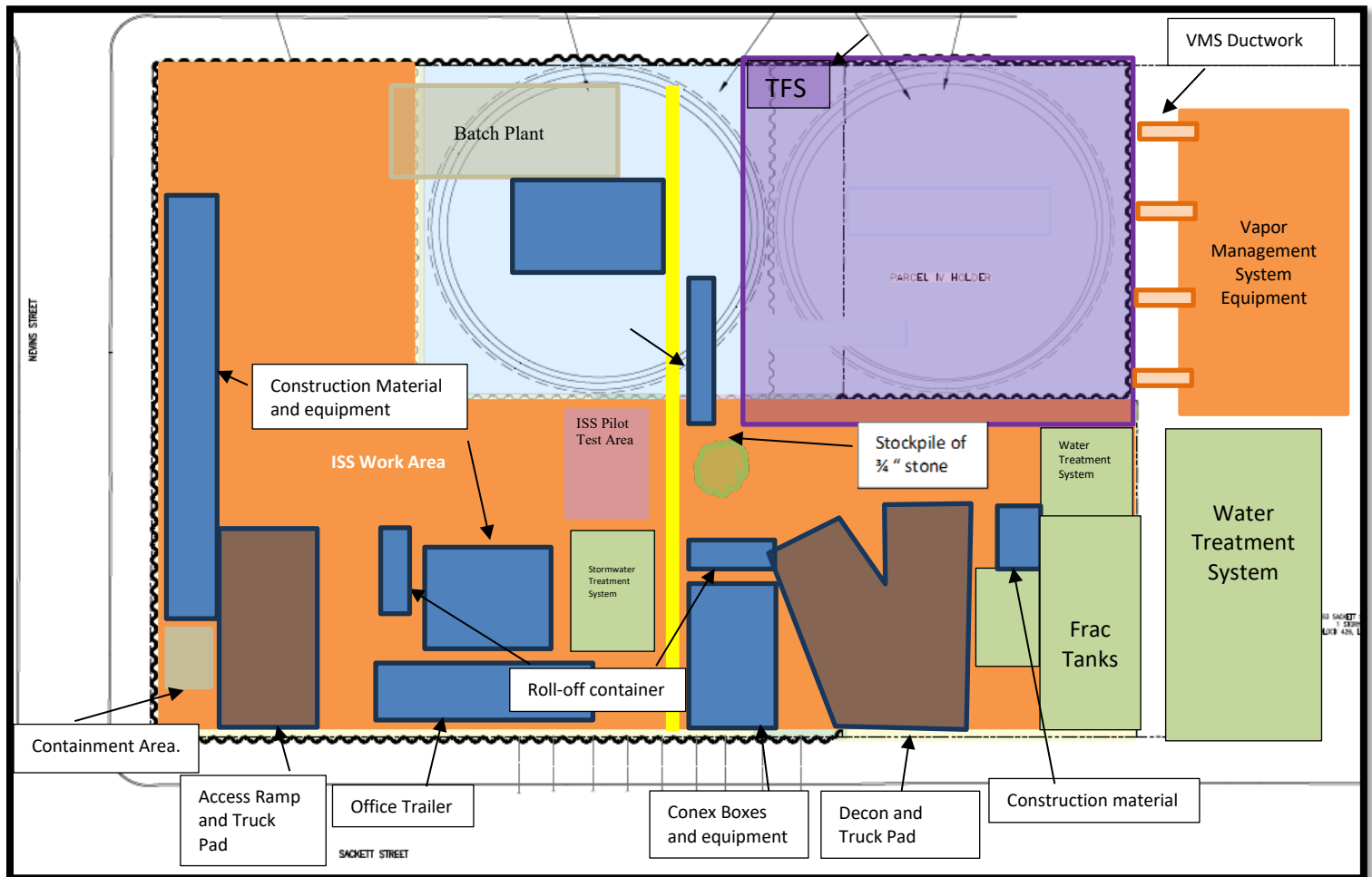
**Dewatering**

Date	Time	Totalizer Reading
10/24/24	15:11	143,229,700
10/25/24	7:11	143,747,100
10/25/24	11:53	143,883,600
10/25/24	15:17	143,992,500
<b>Water treated and discharged to NYCDEP sewer since last report:</b>		<b>762,800</b>

**Anticipated Upcoming Work Activities**

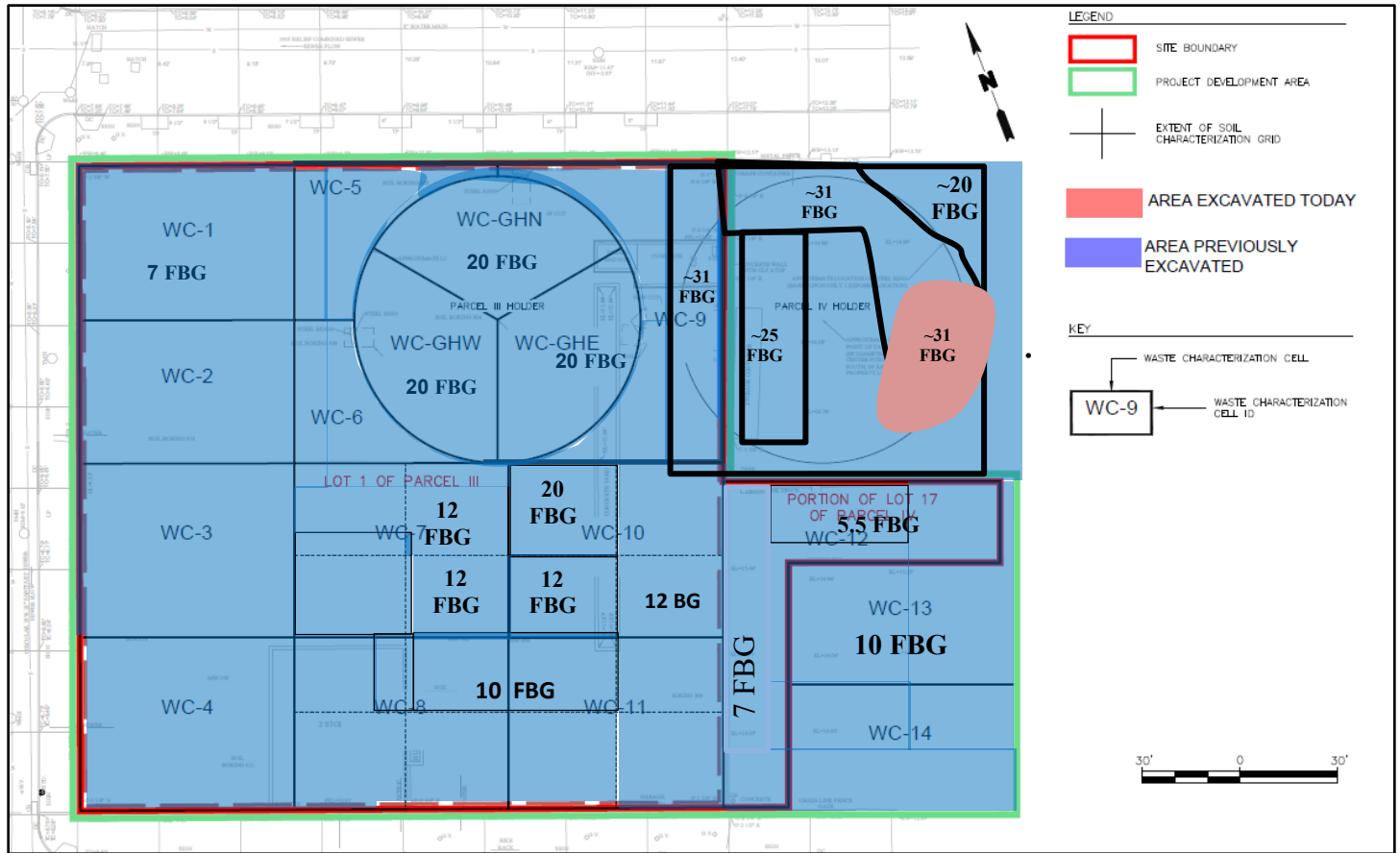
- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- Continue to backfill within the Gas Holder excavation area with general fill material.
- ENTACT will continue the ISS pilot test within the western portion of the site and collect samples.

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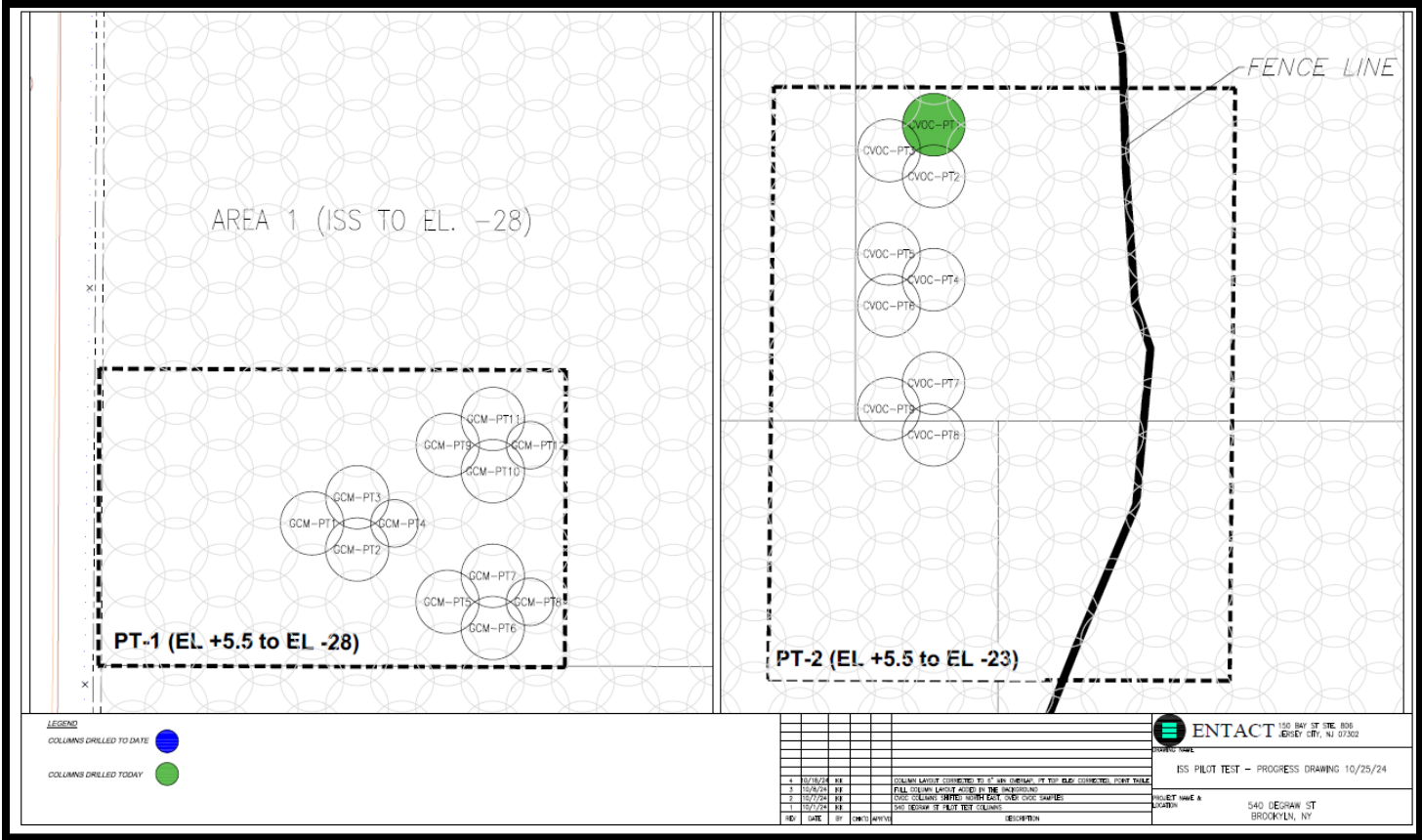
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### Excavation Diagram



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ISS Progress





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**Photo 1:**

Looking north, view of the TFS around the triaxle truck secured during loadout activities.



**Photo 2:**

Looking southeast, view of CEI applying Atmos odor suppressing foam during loadout activities.



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**Photo 3:**

Looking east, view of CEI performing hammering activities within the southeast corner of the Gas Holder excavation area.



**Photo 4:**

Looking south, view of mixing of column CVOC-PT1

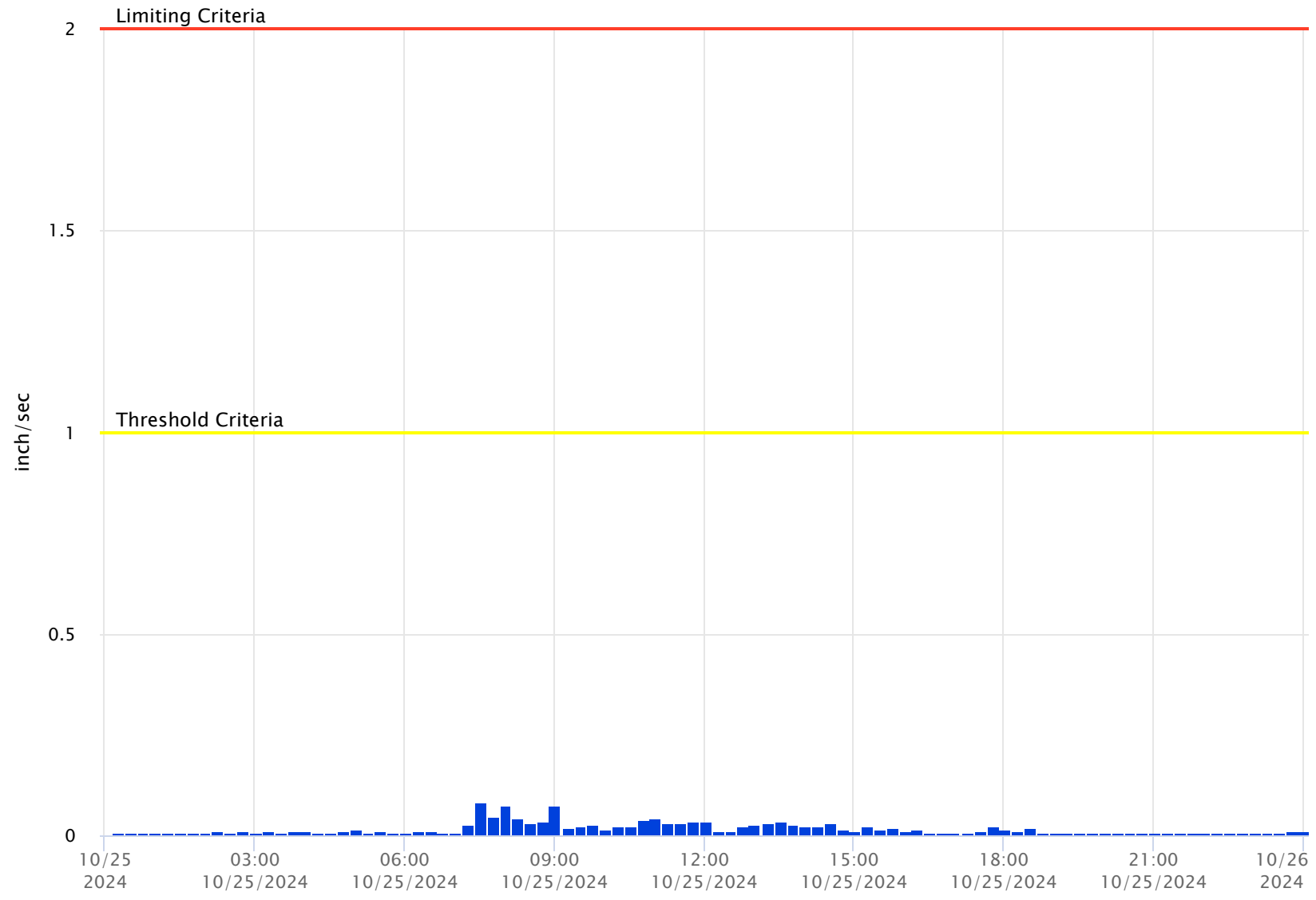


# 545 Sackett Street

## Daily Vibration Monitoring Report

2024-10-25

# S1: On-site



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