

<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 28, 2024
<b>WEATHER:</b>	Temp: 45-61°F, Sunny, RH: 40% Pressure: 30.45 in Hg Wind: NNE @ 2 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)
- Mueser Rutledge Consulting Engineers (MRCE)

### Remedial Action Work Summary

#### Work Activities Performed Onsite:

- Excavation, backfill, 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) pilot test.

#### Contractor Work Performed Onsite:

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

- 10 triaxle trucks (approximately 200 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-1(20-25, 25-30 and 30-35) and WC-GH4-2(20-25) to Clean Earth of Southeast Pennsylvania (CESP).
- 9 triaxle trucks (approximately 180 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-2 (25-30 and 30-35) to Clean Earth New Castle (CENC).

Following load out, excavation and removal of obstructions (wood piles and sheeting) continued with material being prepped for future loadout. CEI continued to backfill completed sections of the Gas Holder 4 excavation area with the previously imported general fill material from Vulcan Wantage of New Jersey. All excavation activities were conducted inside the tension fabric structure (TFS) with the associated vapor management system (VMS) in operation throughout the day. 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.

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 2,197,200 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.

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

ENTACT continued the In-situ Stabilization/Solidification (ISS) pilot test. Two columns (CVOC-PT2 and CVOC PT3) in the Pilot Test Area 2 were completed to elevation -23' NAVD88 and three wet samples were collected from each column. Exposed soils were covered with Atmos odor suppressing foam and/or poly sheeting 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:

- ISS wet samples CVOC-PT2-1 (4.5' bgs), CVOC-PT2-2 (13.5' bgs), CVOC-PT2-3 (21.5' bgs), CVOC-PT3-1 (4.5' bgs), CVOC-PT3-2 (14' bgs) and CVOC-PT3-3 (24' bgs).

Other Items of Note:

- Construction activities were observed as part of the ongoing combined sewer overflow (CSO) project west of Nevins Street.
- Construction and hammering activities were observed at the 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			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	9	~180	427	~7,754
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania	10	~200	160	~3,210

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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), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736316	Valiant	AX115W
2	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736317	Valiant	AY387N
3	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736318	Valiant	AY561J
4	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736319	Valiant	AY115A
5	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736320	Valiant	AY912F
6	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736321	Valiant	AY192P
7	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736322	Valiant	AY718Y
8	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949180	DRV Xpress	AW734R
9	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949181	Logitech	AY399K
10	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949182	Logitech	AY705E
11	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949183	Logitech	AX260R
12	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736323	Logitech	AY771N
13	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949184	Logitech	AY706E
14	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949185	Logitech	AW690L
15	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736324	Valiant	AY191P
16	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949186	Logitech	AU809Y
17	WC-GH4-1 (25-30, 30-35), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted material	2736325	Valiant	AY399C
18	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949187	DRV Xpress	AWK733R
19	WC-GH4-2 (25-30, 30-35)	CENC	Non-Haz MGP Impacted material	2949188	Logitech	AX330R

**Dewatering**

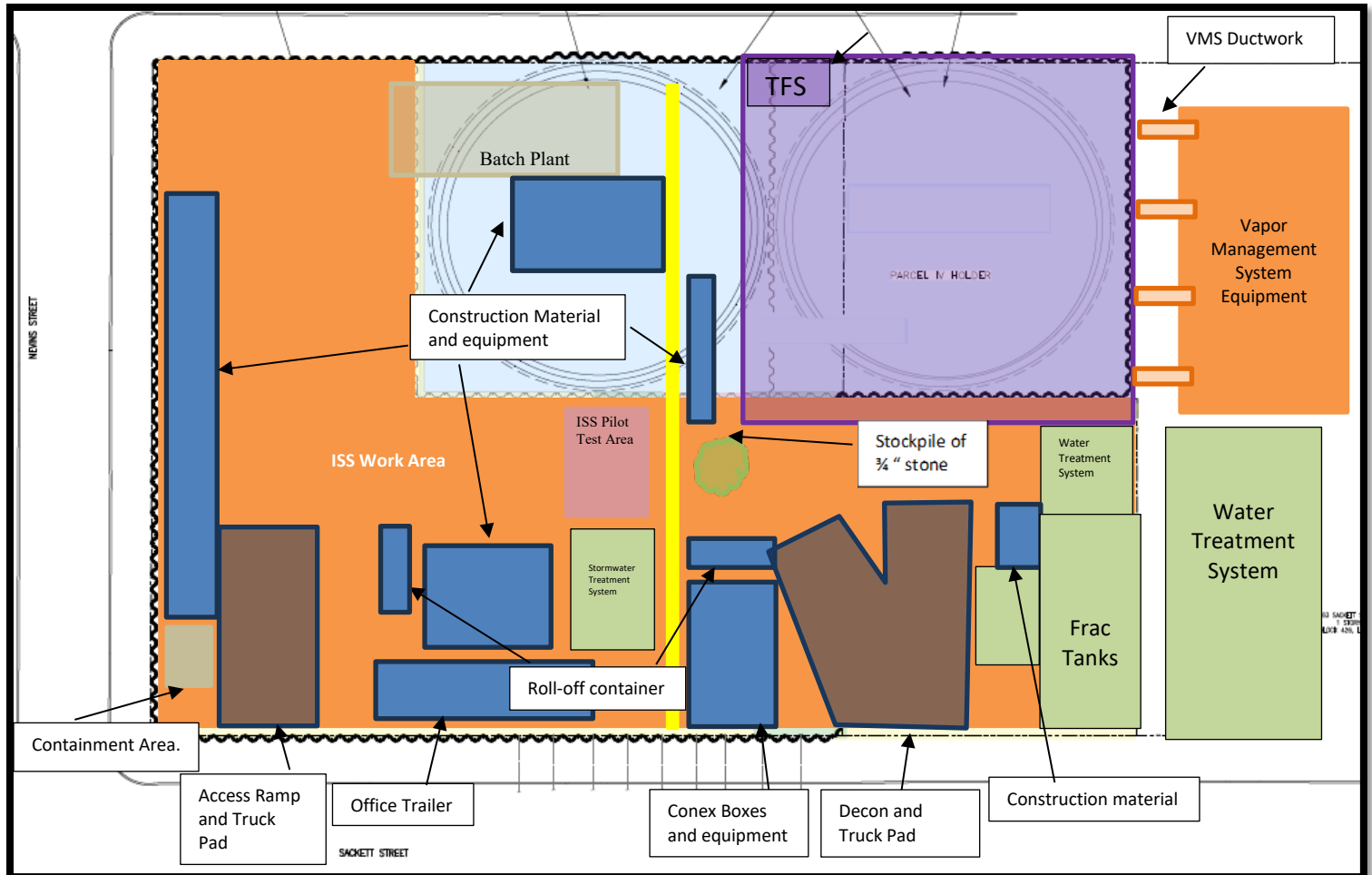
Date	Time	Totalizer Reading
10/25/24	15:17	143,992,500
10/28/24	7:11	145,946,650
10/28/24	11:47	146,076,400
10/28/24	15:22	146,189,700
Water treated and discharged to NYCDEP sewer since last report:		2,197,200

**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 PT-2 work area.

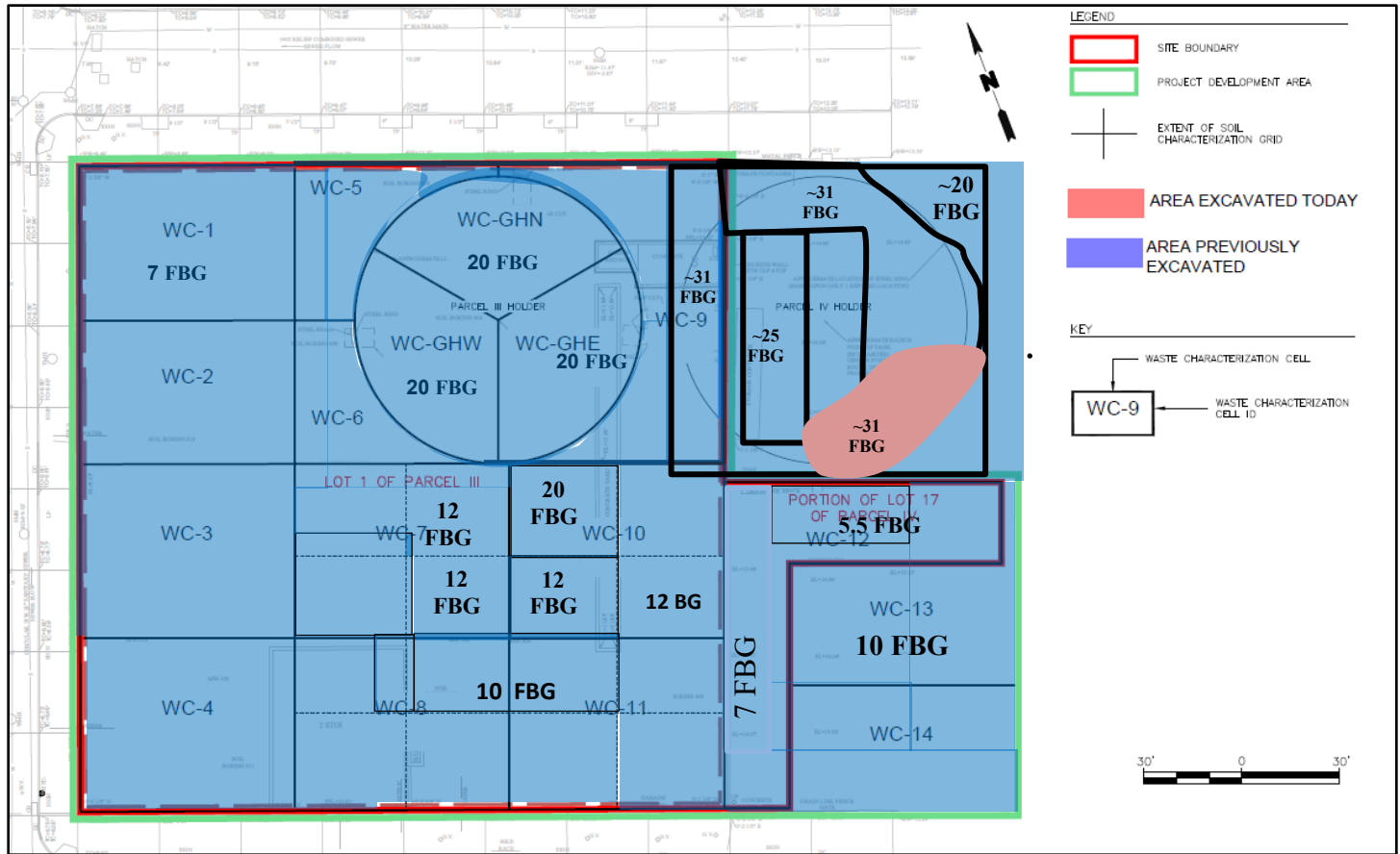
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### Site Layout



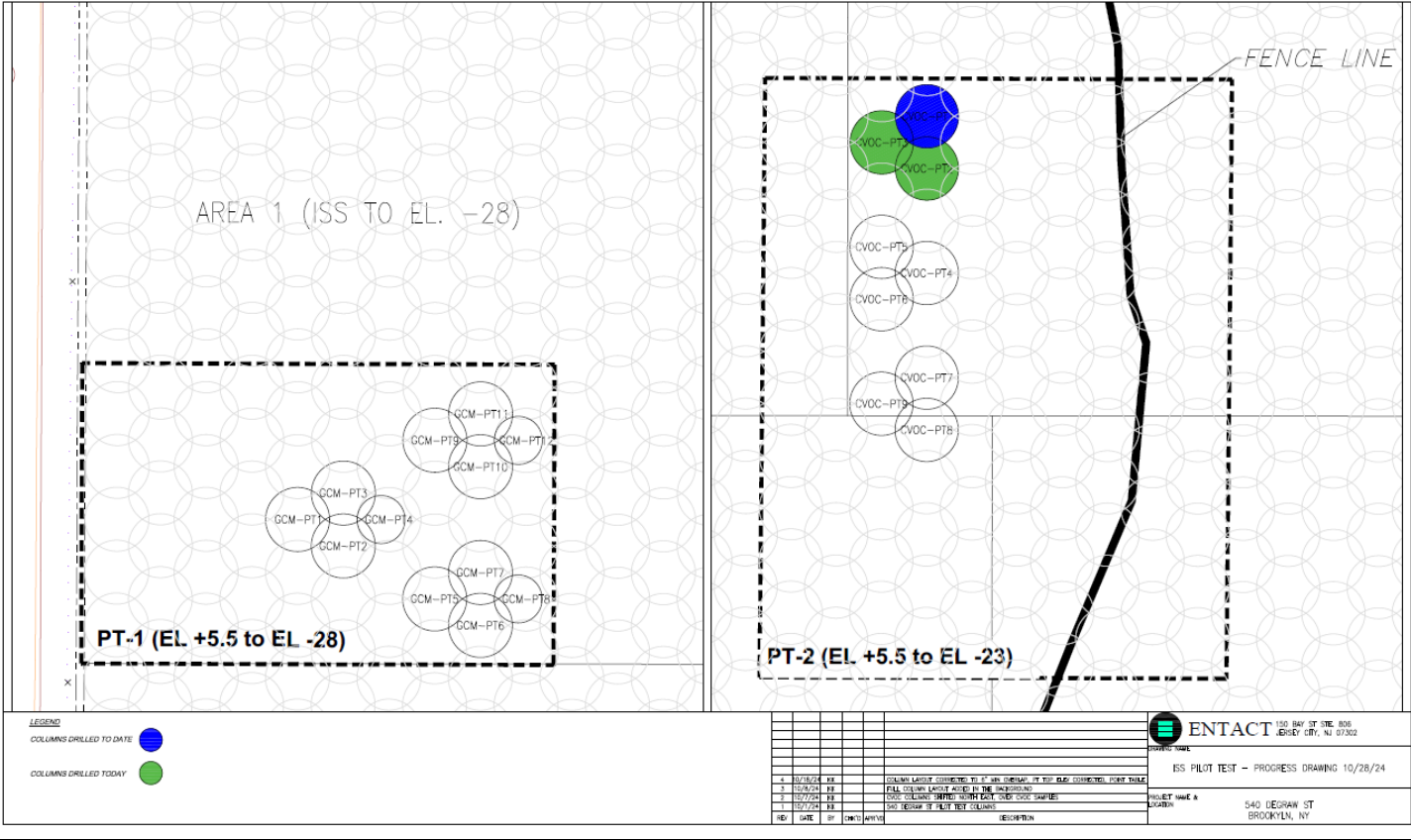
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### Excavation Diagram



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ISS Progress





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**Photo 1:**

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



**Photo 2:**

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



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**Photo 3:**  
Looking east-southeast, view of CEI applying Atmos odor suppressing foam during excavation activities.



**Photo 4:**  
Looking south, view of the ISS drill rig mixing column CVOC-PT2.

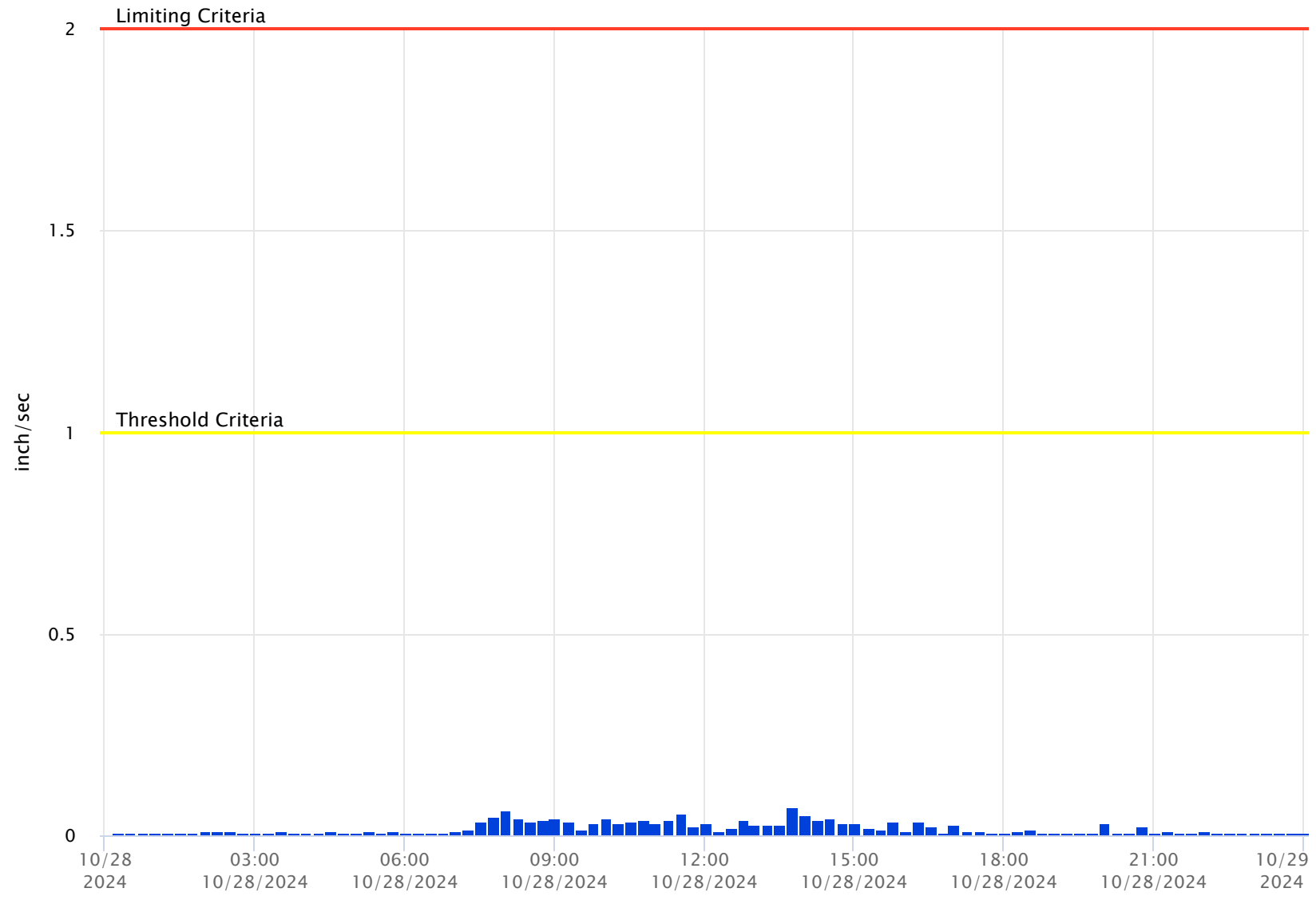


# 545 Sackett Street

## Daily Vibration Monitoring Report

2024-10-28

# S1: On-site



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