

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:	October 29, 2024
WEATHER:	Temp: 47-66°F, Cloudy, RH: 75% Pressure: 30.46 in Hg Wind: South @ 3 mph
TIME:	07:00 – 18:30

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) work.

Contractor Work Performed Onsite:

Creamer Environmental, Inc (CEI) excavated material within Gas Holder 4 excavation area and loaded 10 triaxle trucks (approximately 200 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, CEI continued excavation and demolition activities within the Gas Holder 4 excavation area and prepped excavated material for future loadout. CEI continued to backfill completed sections of 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. CEI performed minor repairs to the VMS air ducts and received delivery of lime kiln dust super sacks. 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 723,300 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 In-situ Stabilization/Solidification (ISS) pilot test. Three columns (CVOC-PT4, CVOC-PT5 and CVOC PT6) 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.

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:

- None.

Sampling Conducted:

- ISS wet samples CVOC-PT4-1 (4.5' bgs), CVOC-PT4-2 (13.5' bgs), CVOC-PT4-3 (20' bgs), CVOC-PT5-1 (4.5' bgs), CVOC-PT5-2 (13.5' bgs), CVOC-PT5-3 (24' bgs), CVOC-PT6-1 (4.5' bgs), CVOC-PT6-2 (14' bgs) and CVOC-PT6-3 (23' 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 trucking 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	10	~200	437	~7,954
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania			160	~3,210



DAILY STATUS REPORT

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Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949190	Logitech	AX330R
2	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949191	Valiant	AY912F
3	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949192	Valiant	AY561J
4	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949193	Valiant	AY387N
5	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949194	Valiant	AY718Y
6	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949195	Valiant	AY192P
7	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949196	Valiant	AY771U
8	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949197	Valiant	AY399C
9	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949198	Logitech	AY706E
10	WC-GH4-2 (25-30, 30-35)	Clean Earth of New Castle	Non-Haz MGP Impacted material	2949199	Valiant	AY191P

Dewatering

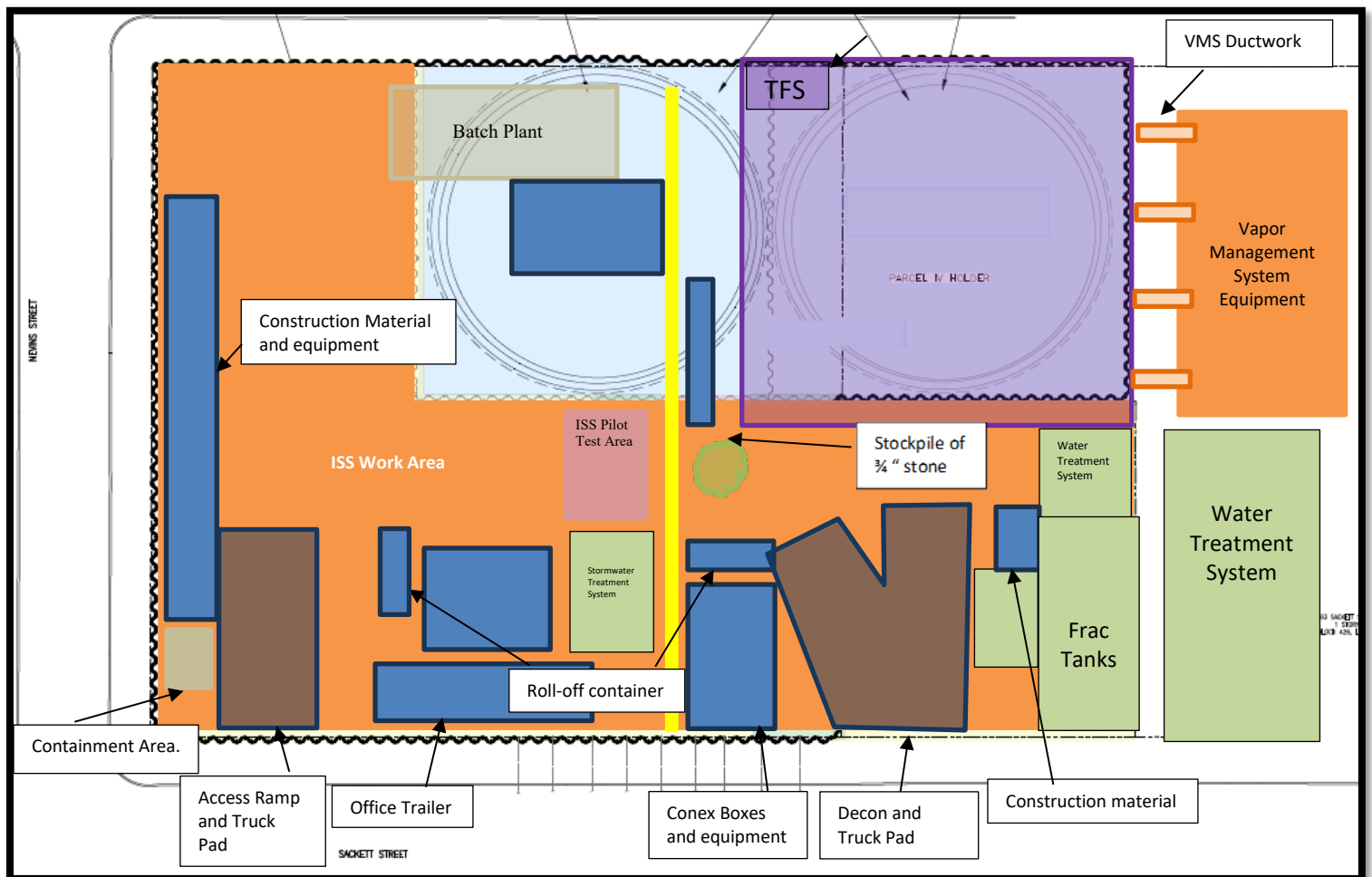
Date	Time	Totalizer Reading
10/28/24	15:22	146,189,700
10/29/24	7:05	146,673,600
10/29/24	11:17	146,789,300
10/29/24	17:25	146,913,000
Water treated and discharged to NYCDEP sewer since last report:		723,300

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.

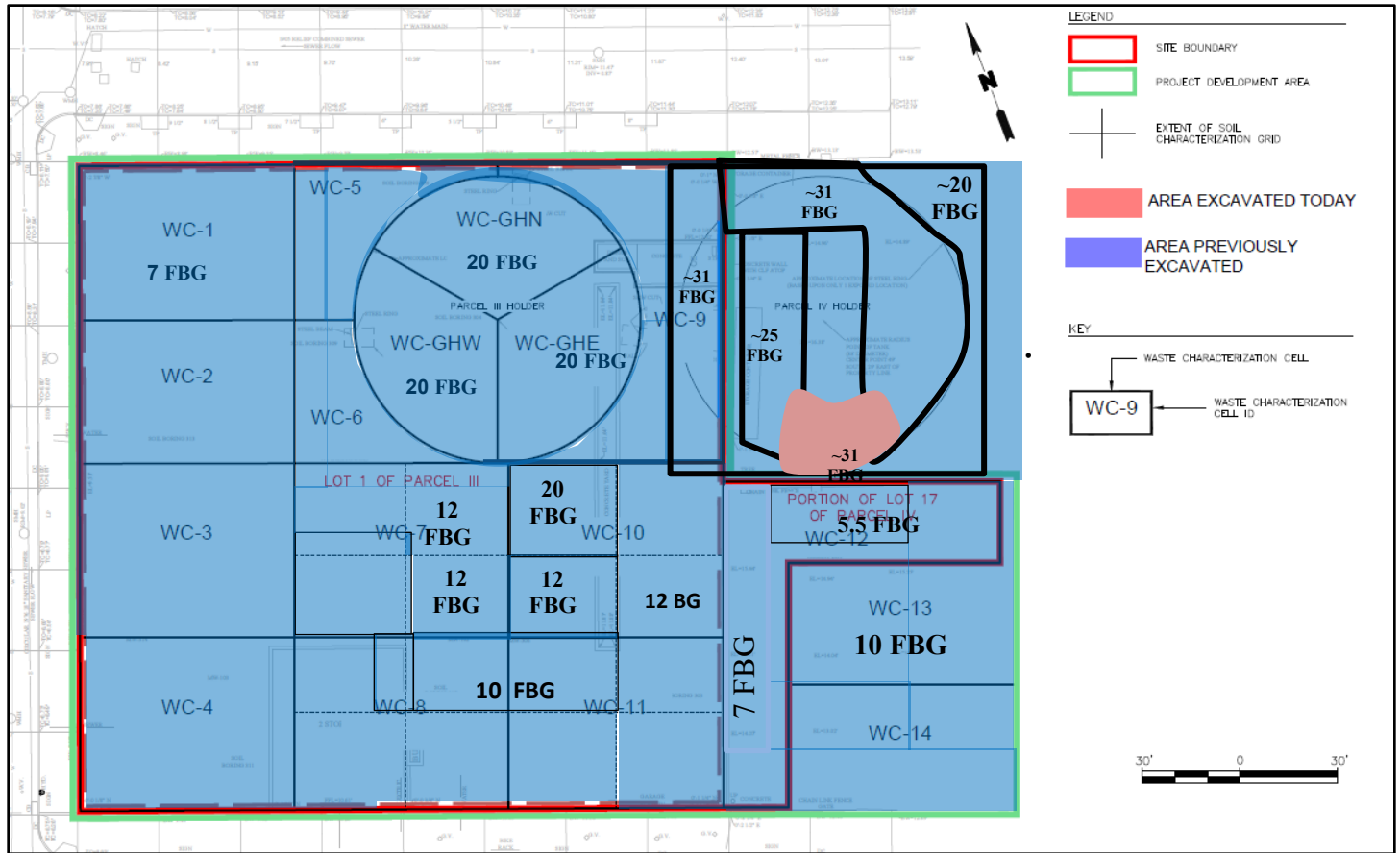
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Site Layout



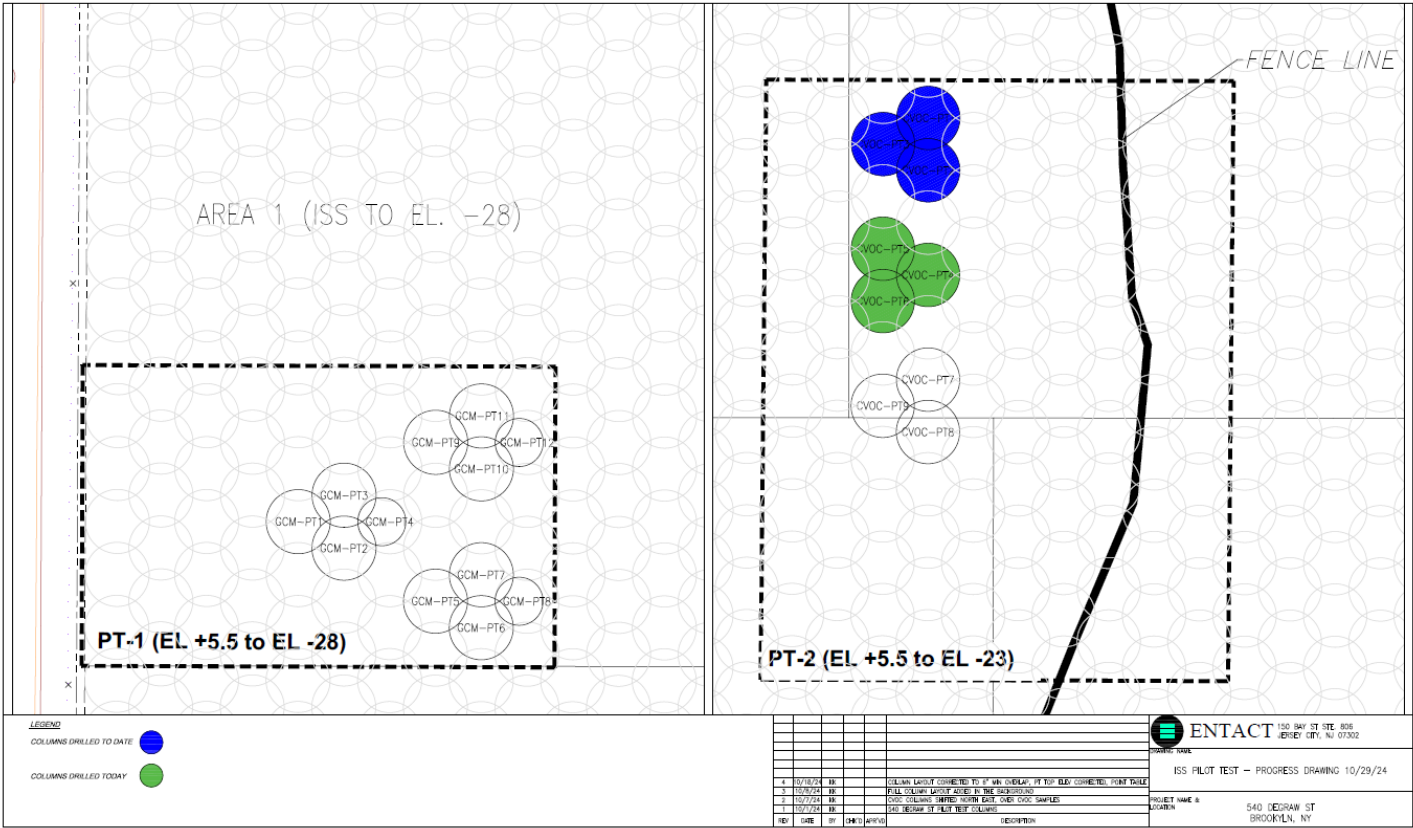
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Excavation Diagram



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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 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.



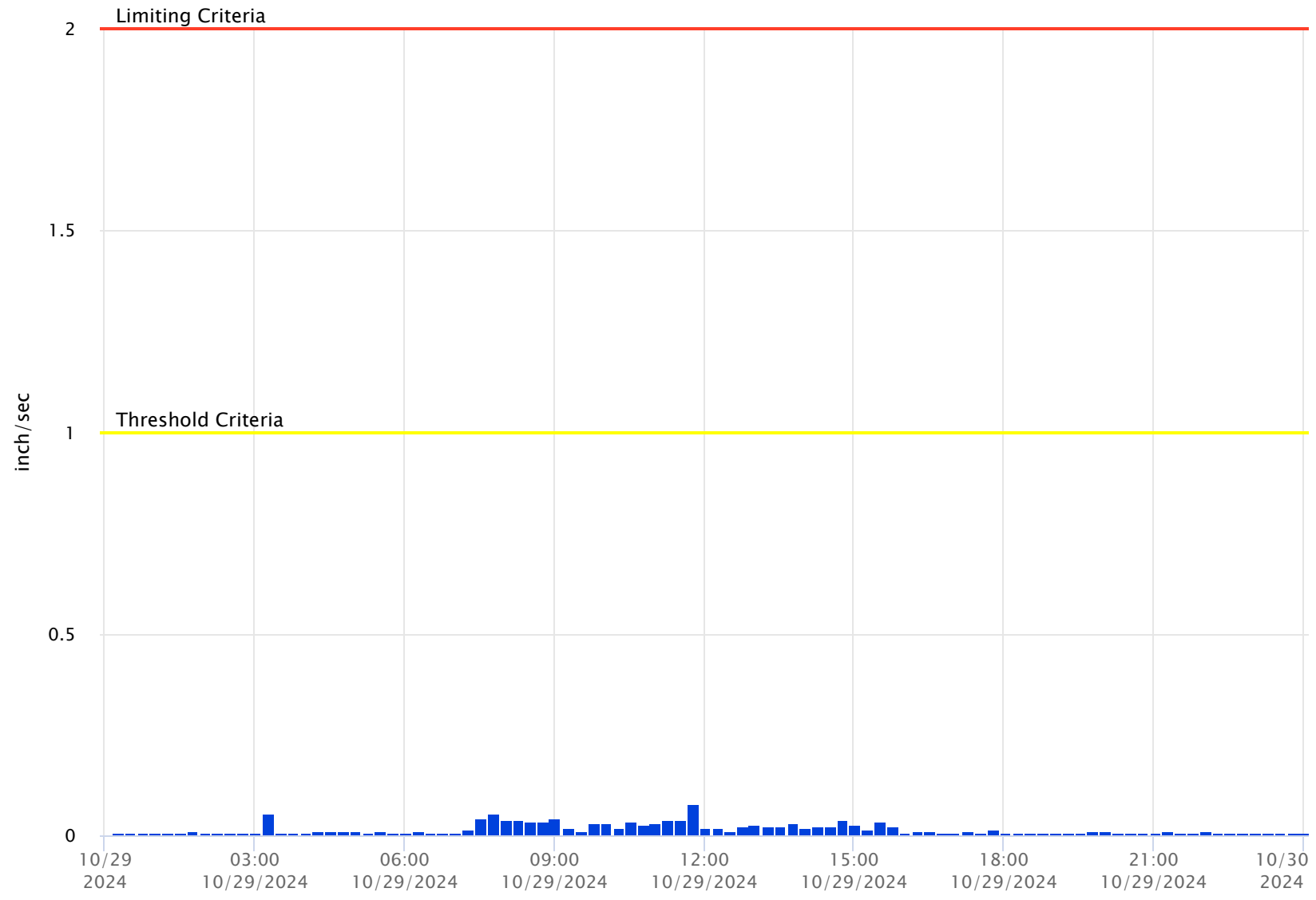
Photo 4:
Looking south, view of the ISS drill rig mixing column CVOC-PT4.

545 Sackett Street

Daily Vibration Monitoring Report

2024-10-29

S1: On-site



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