

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:	September 24, 2024
WEATHER:	Temp: 60-70°F, Cloudy, RH: 59% Pressure: 30.12 in Hg Wind: NNE @ 8 mph
TIME:	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)

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.

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:

- 5 triaxle trucks (approximately 100 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-2 (20-25) and WC-15 (20-25) to Clean Earth of Southeast Pennsylvania (CESP).
- 15 triaxle trucks (approximately 300 tons) of nonhazardous MGP impacted material from waste characterization grids WC-GH4-1 (10-15 and 15-20), WC-GH4-2 (10-15 and 15-20) and WC-15 (10-15 and 15-20) to Clean Earth of New Castle (CENC).

CEI performed excavation and demolition activities within the southern portion 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 690,300 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. American Dewatering & Grouting (ADG) continued to install the wellpoint header pipe along the eastern perimeter of the Gas Holder 4 excavation area.

ENTACT continued to mobilize equipment and leveled out previously backfill general fill material throughout the western portion of the site for upcoming In-situ Stabilization/Solidification (ISS) operations. 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.

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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:

- Groundwater samples were collected from sentinel wells SW-06S, SW-06D, SW-01S, SW-01D, SW-05S, SW-07S, SW-08D, SW-03S, SW-03D, SW-08S, SW-07D, SW-04S. 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 activities were observed as part of the combined sewer overflow (CSO) project west of Nevins Street.
- Construction and trucking 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
Non-Haz Urban Fill (Lot 49)	CE Carteret			73	~1,606

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Exported Material (continued)

MGP soil with TCE>25 ppm	CE ESMI			190	~4,086
	CE Southeast Pennsylvania			15	~320
	CMW Emelle			424	~8,280
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	15	~300	361	~6,430
MGP Impacted (TCLP Benzene 0.2<x<0.5 mg/l)	CE Southeast Pennsylvania			5	~110
Non-Haz MGP Impacted	CE Southeast Pennsylvania	5	~100	63	~1,260

Exported Material Truck Log

Number	Excavation Grid	Disposal Facility	Disposal Profile	Manifest Number	Trucking Company	Truck License Plate
1	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949108	Valiant	AY771U
2	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949109	Valiant	AY192P
3	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949110	Mesa	AY391G
4	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949111	Joel	AZ373A
5	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949112	Joel	AZ372A
6	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949113	Mesa	AY375R
7	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949114	Joel	AZ371A
8	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949115	Valiant	AY115A
9	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949116	Mesa	AX177N
10	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949117	Joel	AZ375A
11	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949118	Joel	AZ370A
12	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949119	Mesa	AY553W
13	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949120	Valiant	AY193P
14	WC-15 (20-25), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2832027	Valiant	AY387N
15	WC-15 (20-25), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2832028	Valiant	AY189P
16	WC-15 (20-25), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2832029	Valiant	AX115W
17	WC-15 (20-25), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2832030	Valiant	AY903C
18	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949121	Valiant	AY901C
19	WC-GH4-1 (10-15, 15-20), WC-GH4-2 (10-15, 15-20), WC-15 (10-15, 15-20)	CENC	Non-Haz MGP Impacted material	2949122	Mesa	AS420W
20	WC-15 (20-25), WC-GH4-2 (20-25)	CESP	Non-Haz MGP Impacted (CESP)	2832031	Valiant	AY718Y

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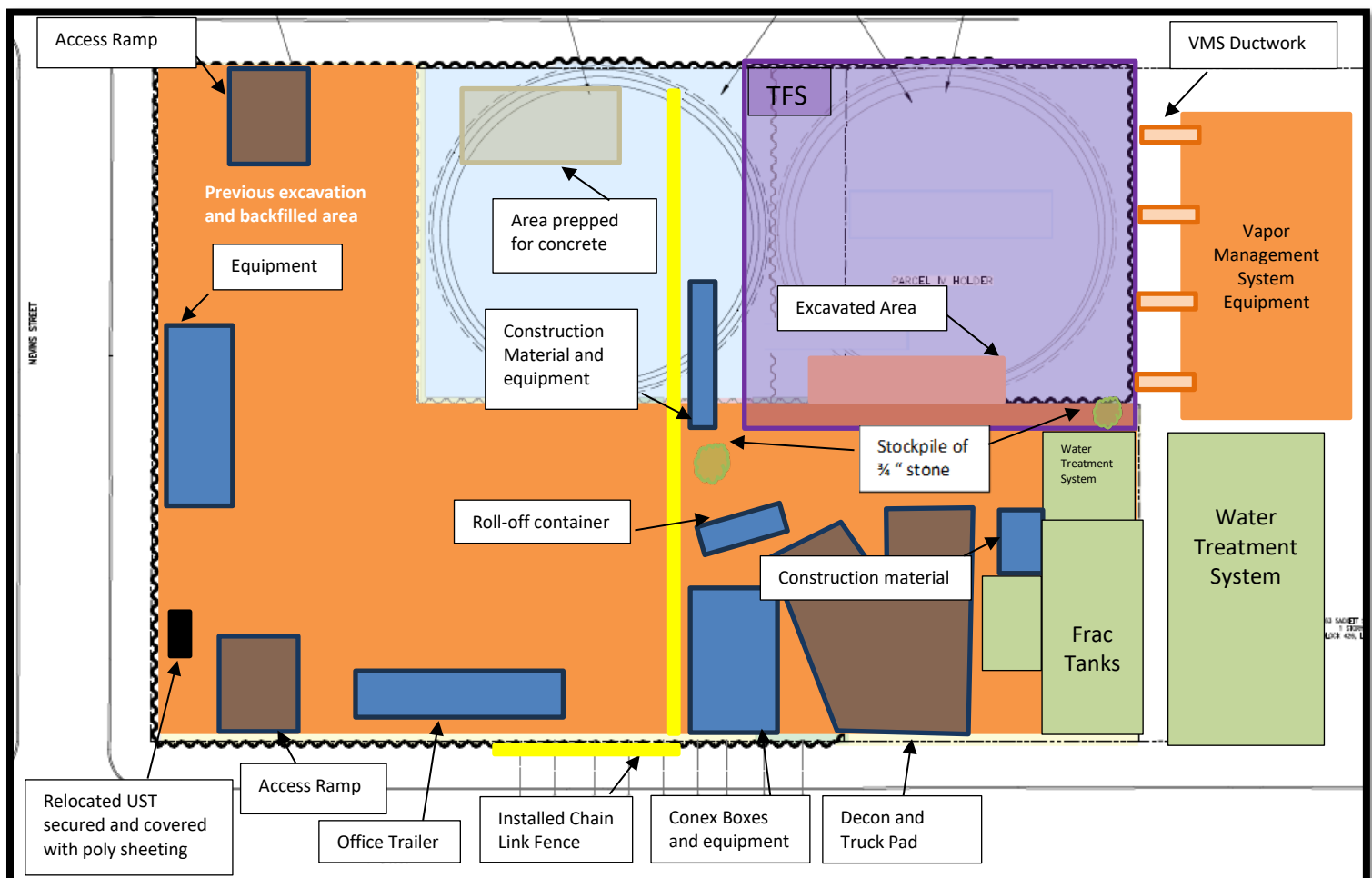
Dewatering

Date	Time	Totalizer Reading
9/23/24	15:19	119,888,000
9/24/24	7:10	120,334,400
9/24/24	11:47	120,477,600
9/24/24	15:10	120,578,300
Water treated and discharged to NYCDEP sewer since last report:		690,300

Anticipated Upcoming Work Activities

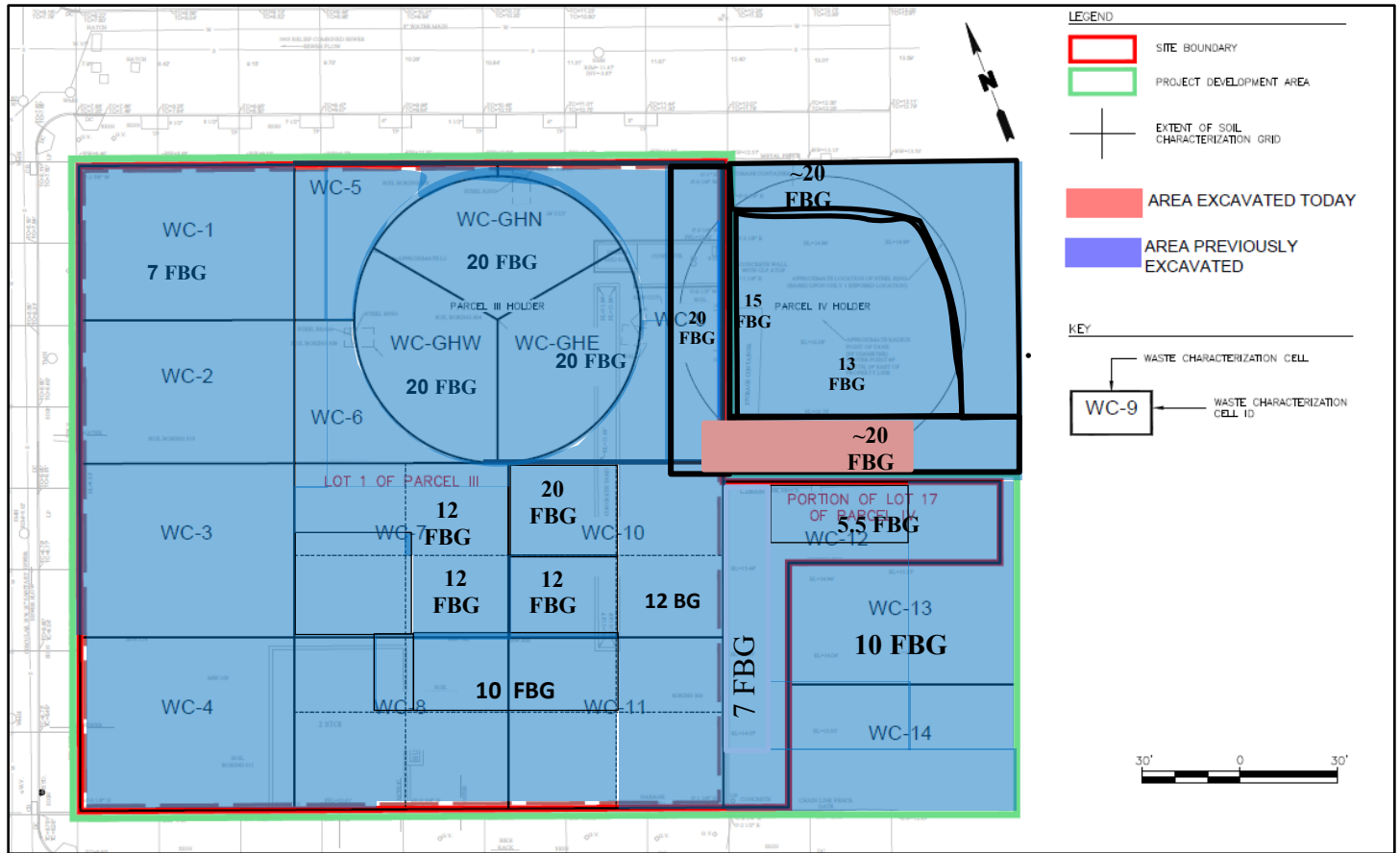
- Continue demolition, excavation and loadout in former Gas Holder 4 excavation area.
- Continue dewatering activities from the former Gas Holder 4 excavation area and operation of the water treatment system.
- ENTACT will continue to mobilization and setup for upcoming ISS work.

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:

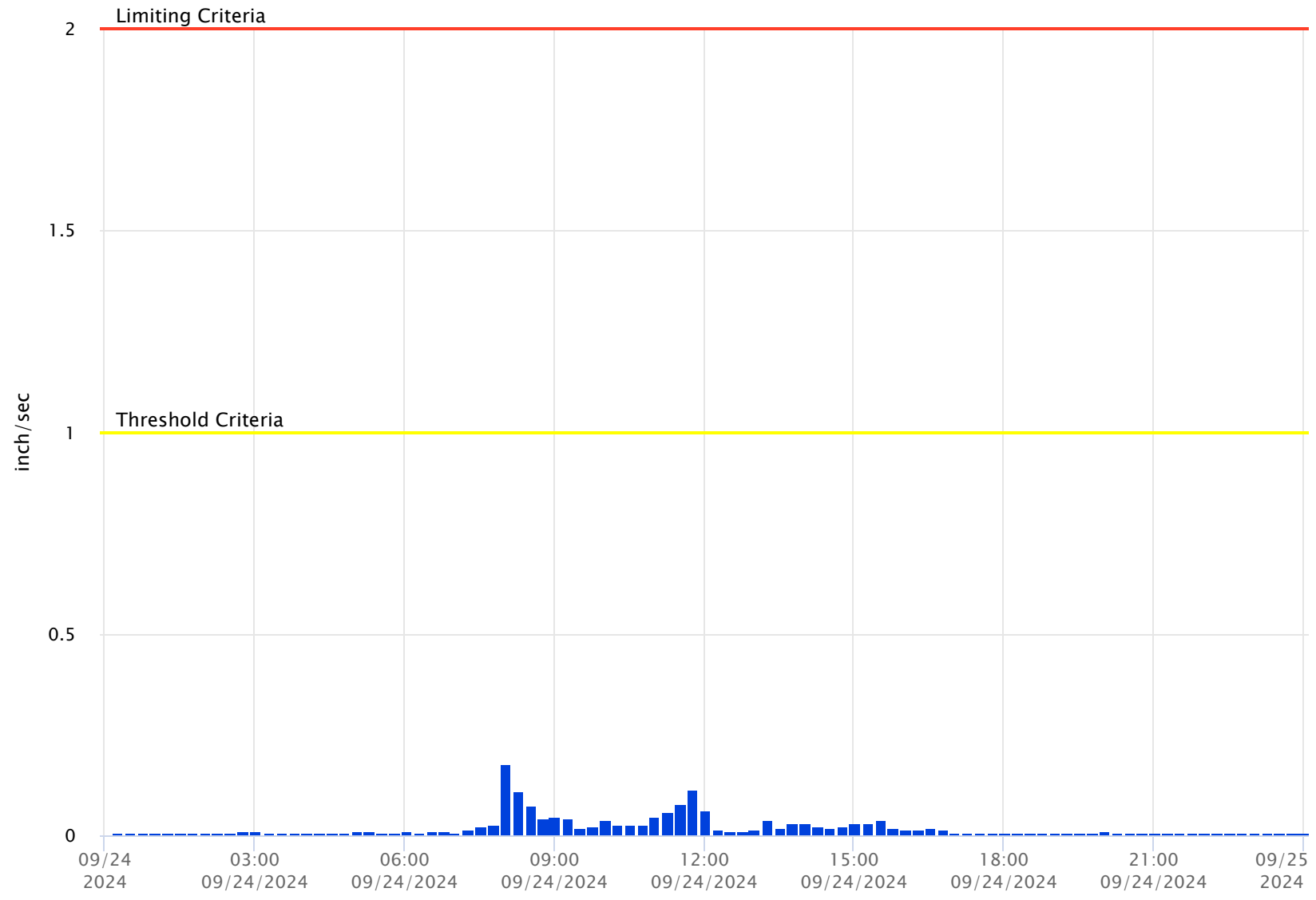
Looking southeast, view of CEI applying Atmos odor suppressing foam within the Gas Holder 4 during material handling activities.

545 Sackett Street

Daily Vibration Monitoring Report

2024-09-24

S1: On-site



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