

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 07/11/2025

Site Conditions: Mid 70s – Cloudy

Onsite Personnel	
Honeywell	George Saint-Amant - PM
Geosource	Nigel Blakey – Site Supervisor Jarren Ball – Drilling Technician Darren Zimmerman – Site Hand Shannan Wheatcroft – Site Hand
Salas O'Brien	
Others	PJ Lynch – City Clerk Victor Valles – PM Adam Mullen – PM Adilson Texiera – PM Chris Kramer – Director, Municipal Energy Unit Kwanna Wise – Director of Community Engagement Simenesh Semine – Community Engagement Manager

SAFETY – MONITORING DATA

Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
75	62	0

Lmax-slow: Maximum sound level measured using the slow time averaging window. Window is one second and is responsive to intermittent or impulsive events while still acknowledging the full ambient noise picture.

Leq: Average sound pressure level over the time window. It represents the same total sound energy as the fluctuating level that was measured.

Events: Count of how many seconds had an average sound level that exceeded 86 dBA* over the measured time window.

Air Quality Measurements

	Min	Max	Avg
PM10 (15 min) µg/m3	0.0000	12.5607	5.5760
VOC (15 min) ppm	0.0000	0.1471	0.0236

PM10: 10-micron diameter particle, measured in µg/m3.

PM10 Action Level = 150 µg/m3.

VOC: Volatile Organic Compound, measured in parts per million (ppm).

VOC Action Level = 5 ppm

Vibration Measurements

PPV	Min	Max	Avg
Longitudinal in/sec	0.0019	0.0375	0.0072
Transverse in/sec	0.0025	0.0425	0.0071
Vertical in/sec	0.0019	0.0223	0.0066

Threshold Level = 0.50 inches per second

Limit Level = 1.00 inches per second

Time Weighted Average (TWA) = Average vibration over a 15-minute interval.

PPV = Peak Particle Velocity

DELIVERY – Borehole Completion Status

Installation Notes: Geosource was able to accomplish drilling the 7th hole to completion today. They relocated the rig and started drilling the 8th hole down to 170ft.

Drilling Progress (Green = Complete, Yellow = Drilling, Grouting = Orange)

Bore Number																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Productivity: 14,280 Total feet remaining 190 Average feet per day 27 Estimated working days to completion.

UPCOMING EVENTS FOR THE WEEK

- 07/14/2025 Drilling/Looping/Grout Installation
- 07/15/2025 Drilling/Looping/Grout Installation
- 07/16/2025 Drilling/Looping/Grout Installation
- 07/17/2025 Drilling/Looping/Grout Installation
- 07/18/2025 Drilling/Looping/Grout Installation