

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 07/22/2025

Site Conditions: *Mid 70s - Cool*

Onsite Personnel	
Honeywell	George Saint-Amant – PM Marcia Turner – HSE Manager
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

SAFETY – MONITORING DATA

Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
77	64	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	0.3400	0.8420	0.5297
VOC (15 min) ppm	0.0000	0.0180	0.0054

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	0.0022	0.0515	0.0097
Transverse in/sec	0.0019	0.0649	0.0092
Vertical in/sec	0.0019	0.0400	0.0083

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 received their second rig and associated equipment throughout the day. During that time, they were also able to complete setting casing for 3holes in preparation for 2rigs drilling on Wednesday. They also completed an additional 100ft of drilling on 1 of the 3 holes.

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: 12,470 Total feet remaining 200 Average feet per day 21 Estimated working days to completion.

UPCOMING EVENTS FOR THE WEEK

- 07/23/2025 Drilling/Looping/Grout Installation – 2nd rig begins drilling/site will now contain 2 active rigs
- 07/24/2025 Drilling/Looping/Grout Installation
- 07/25/2025 Drilling/Looping/Grout Installation
- 07/28/2025 Drilling/Looping/Grout Installation
- 07/29/2025 Drilling/Looping/Grout Installation