

## Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 06/26/2025

Site Conditions: Mid 60s – Cloudy and Cool

Onsite Personnel	
Honeywell	Mark Rahall - PM Marcia Turner - HSE Leader
Geosource	Nigel Blakey – Foreman Jarren Ball - Site Supervisor Darren Zimmerman – Drilling Technician
Salas O'Brien	Austin Pratt – Geo Instruments
Behrens and Associates · Environmental Noise Control (BAENC)	Mike Fedorka – Foreman Mike Stapleton – Site Supervisor David Sands – Laborer Cory Kesler – Laborer James Estep – Laborer Domenic Damien - Laborer
Others	Bob Dillion – City Clerk

### SAFETY – MONITORING DATA

#### Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
79.7	61	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	0.4902	4.4687	1.4862
VOC (15 min) ppm	0.0000	0.1491	0.0232

**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	0.0887	0.0176
Transverse in/sec	0.0022	0.0704	0.0157
Vertical in/sec	0.0019	0.1133	0.0168

**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: Behrens and Associates · Environmental Noise Control has made significant progress on the erection of the sound wall. As of now, they have successfully completed the drilling of 21 out of the 28 holes required for the wall.

Additionally, they have set 21 out of the 28 steel I-beams in place. Currently, there are 7 holes remaining to be drilled, along with 7 beams left to set, which is expected to be completed tomorrow. After these tasks, the installation of panels will begin.

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:		15,300				Total feet remaining				XX Average feet per day				XX Estimated days to completion.									

UPCOMING EVENTS FOR THE WEEK

- 06/27/2025 Site Setup & Installation of Sound Wall, Drilling Equipment Deliveries.
- 06/30/2025 BAENC to de-mobilize/Tentative Drilling Start Date
- 07/01/2025 Drilling/Grouting
- 07/02/2025 Drilling/Grouting
- 07/03/2025 Drilling/Grouting