

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

Date: 08/21/2025

Site Conditions: Mid 70s– Partly Cloudy

Onsite Personnel	
Honeywell	Mark Rahall - PM Marcia Turner – HSE
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)
76	60	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	14.0582	65.6102	29.6536
VOC (15 min) ppm	1.0583	1.1402	1.0969

**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	0.0593	0.0098
Transverse in/sec	0.0022	0.0670	0.0094
Vertical in/sec	0.0019	0.0605	0.0091

**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**

### DELIVERY – Borehole Completion Status

Installation Notes: GeoSource was able to complete their final 80ft of drilling today, and grouted 2 of the 3 remaining holes. They have 1 hole to complete grouting first thing tomorrow before they begin cleaning their equipment.

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: 0 Total feet remaining 465 Average feet per day 1 Estimated working days to completion.

08/22/2025 Grouting/Equipment cleaning and site organization  
 08/25/2025 GeoSource to start de-mobilization & BAE back on site for wall removal  
 08/26/2025 GeoSource de-mobilization & BAE wall removal  
 08/27/2025 BAE de-mobilization and GeoSource asphalt repair  
 08/28/2025 Asphalt repair  
 08/29/2025 Site cleaning  
 09/02/2025 Remaining site work (cleaning/asphalt repair)