

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: **08/22/2025**

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	57	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	12.3010	62.2513	25.4077
VOC (15 min) ppm	1.0187	1.1908	1.0848

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	0.0329	0.0062
Transverse in/sec	0.0022	0.0341	0.0068
Vertical in/sec	0.0019	0.0323	0.0064

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 spent the day finishing their grouting, cleaning their equipment and organizing to start de-mobilization for the week of 8/25.

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 Estimated working days to completion.

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)