

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: *08/08/2025* Site Conditions: **Low 80s** – *Clear*

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 Peter Reitsma - Foreman	
Salas O'Brien		
Others	PJ Lynch – City Clerk	

SAFETY – MONITORING DATA

Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
80	64	0

<u>Lmax-slow</u>: 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.

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

<u>Events</u>: 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	18.4405	57.5500	24.3914
VOC (15 min) ppm	1.1845	1.3690	1.2809

PM10: 10-micron diameter particle, measured in μg/m3. PM10 Action Level = 150 μg/m3.

<u>VOC</u>: Volatile Organic Compound, measured in parts per million (ppm). <u>VOC Action Level</u> = 5 ppm

Vibration Measurements

PPV	Min	Max	Avg
Longitudinal in/sec	0.0019	0.0586	0.0121
Transverse in/sec	0.0022	0.0701	0.0119
Vertical in/sec	0.0019	0.0583	0.0109

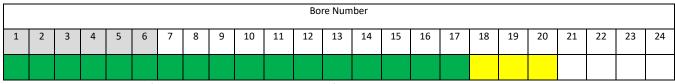
<u>Threshold Level</u> = 0.50 inches per second <u>Limit Level</u> = 1.00 inches per second

<u>Time Weighted Average (TWA)</u> = Average vibration over a 15-minute interval

DELIVERY – Borehole Completion Status

Installation Notes: GeoSource had a good close to the week. They completed drilling on holes 10 and 11, pulled a few sets of casing and drilled a few sets of casing in preparation for Monday.

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



Productivity: 5,940 Total feet remaining 375 Average feet per day

11 Estimated working days to completion.

UPCOMING EVENTS FOR THE WEEK

08/08/2025	Drilling/Looping/Grout Installation
08/11/2025	Drilling/Looping/Grout Installation
08/12/2025	Drilling/Looping/Grout Installation
08/13/2025	Drilling/Looping/Grout Installation
08/14/2025	Drilling/Looping/Grout Installation
08/15/2025	Drilling/Looping/Grout Installation