

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 07/20/2026

Site Conditions: 80

Onsite Personnel	
Honeywell	Mark Rahall
Contractors	Owen Reitsma Quaidyn Fryer George Reitsma
City of Boston	Victor Valles PJ Lynch
Salas O'Brien	

SAFETY – Data Recorded

Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
81	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.

*Code-allowed single second max.

Air Quality Measurements

	Min	Max	Avg
PM10 (15 min)	8.85	176.33	19.58
VOC (15 min)	0.0004	0.0115	0.0040

PM10: 10-micron diameter particle, measured in $\mu\text{g}/\text{m}^3$.

PM10 Action Level = 150 $\mu\text{g}/\text{m}^3$.

VOC: Volatile Organic Compound, measured in parts per million (ppm).

VOC Action Level = 5 ppm

PPV = Peak Particle Velocity

DELIVERY – Site Work Updates

Testing is complete and water deionization is underway.

UPCOMING EVENTS FOR THE WEEK

07/21/2026	GeoSource pressure testing/compacting
07/22/2026	GeoSource pressure testing/compacting
07/23/2026	GeoSource site work
07/24/2026	GeoSource Demobilization