

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 07/16/2026

Site Conditions: Humid/High 80s

Onsite Personnel	
Honeywell	George Saint-Amant
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)
75	58	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)	20.46	669.84	70.46
VOC (15 min)	0.0002	0.0212	0.0084

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

***Ground monitor/upper roof monitor down for portion of the day

DELIVERY – Site Work Updates

GeoSource has tested the piping and has began backfilling and soil compaction. COB building inspector on site.

UPCOMING EVENTS FOR THE WEEK

07/10/2026	GeoSource pipe installation
07/13/2026	GeoSource pipe installation
07/14/2026	GeoSource pipe installation/pressure testing
07/15/2026	GeoSource pipe installation/pressure testing
07/16/2026	GeoSource pipe installation/pressure testing
07/17/2026	GeoSource pipe installation/pressure testing