

November 14, 2024

Mr. Angelus Papageorge
Director of Operations
Fairfield Public Schools
501 Kings Highway East, Suite 210
Fairfield, CT 06825

Via email: apapageorge@fairfieldschools.org

**RE: Limited Indoor Air Quality Assessment Proposal
Timothy Dwight Elementary School
1600 Redding Road
Fairfield, CT 06824**

Mr. Papageorge:

TRC is pleased to provide you with a cost not to exceed proposal for environmental consulting services. As requested, TRC will perform a limited indoor air quality (IAQ) assessment at the Timothy Dwight Elementary School located at 1600 Redding Road in Fairfield, Connecticut.

Limited Indoor Air Quality Assessment:

On November 1, 2024, TRC conducted a limited IAQ assessment at the site in response to expressed health concerns for a student that occupies Room 18. TRC provided a report summarizing our findings and recommendations. Fairfield Public Schools has now requested that TRC provide a supplemental proposal to conduct a limited IAQ assessment encompassing the entire school building.

For this supplemental assessment, TRC proposes the following scope of work:

Visual/Olfactory Assessment:

TRC will perform a visual and olfactory assessment of the entire school building to determine the presence of any issues which may impact indoor air quality. In addition, TRC will perform the following industrial hygiene sampling:

Comfort Parameters: Carbon Monoxide (CO), Carbon Dioxide (CO₂), Temperature (T) and Relative Humidity (RH): A TSI Q-Trak will be used to conduct hand-held Comfort Parameter measurements throughout the school and ambient. The data collected from inside the building will be compared to ambient/background levels and applicable standards/guidelines.

Particulates (PM₁₀): TRC will use a DustTrak/SidePak continuous aerosol monitoring instrument equipped with a size selective inlet to conduct hand-held particulate measurements at the same locations as the Comfort Parameter sampling for comparison to the LEED recommended levels.

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Moisture Assessment: TRC will collect moisture meter measurements from representative building components throughout the school to determine if moisture is present, which may be an indicator of an active water intrusion.

Reporting: TRC will prepare a report summarizing observations, real time sampling data, as well as provide recommendations based on our findings.

Schedule:

TRC will coordinate work with Fairfield Public Schools. It is anticipated that work will be conducted after school dismissal over the course of three days. We request that HVAC be operational comparative to normal daily functioning modes during the course of our assessment.

Sincerely,



Eduardo Miguel Marques
Project Manager
Safety & Industrial Hygiene



Jonathan Gentile
Office Practice Leader
Safety & Industrial Hygiene