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Quality Environmental Solutions & Technologies, Inc.

Thursday, April 20, 2023

Mr. Daniel Erceg
Superintendent of Schools, Interim
Saugerties Central School District
Call Box A, Saugerties, NY 12477

Via E-mail: dercer1@saugerties.k12.ny.us

Re: Ricciardi Elementary School

Mr. Erceg,

Per your request I have attached the photoionization detector (PID) readings we recorded on April 15 and 20, 2023. As we have discussed, a hand-held PID used in the field is a screening tool that detects total volatile organic compounds. There are no regulatory limits for total VOCs. On April 15th, the first day we performed any testing at Ricciardi, the results showed higher levels of VOCs than we found on the 19th. There was extensive remediation conducted between these dates. This included the removal of porous materials like wood, floor patch, and dirt/debris that likely absorbed the mastic remover. We believe that the lingering odor in the building was very likely caused by absorption into these porous materials. All readings reported were recorded in the identified location for a period of 3-5 minutes and are reported in parts per million (ppm).

The readings we recorded are annotated on the attached floor plans. They are encircled in red for each location. Please keep in mind that the readings taken on the 15th were early in the morning after the building had been closed up. In addition, the ventilation system went into night set back on Friday afternoon, so the building's ventilation system was not bringing in outside air. The levels of VOCs were significantly reduced from the 15th to the 19th. For example, the total VOC level in the section of the corridor between the cafeteria and boiler room was reduced from 41.2 ppm to 5.8 ppm. And these readings were taken before the over slab (commonly referred to as a rat slab) was removed via the use of drill hammers and hand tools. If additional remediation is needed, we will make the recommendations to your office as soon as possible,

Should you have any questions, please feel free to give me a call regarding this project.

Sincerely,



Michael F. O'Rourke



General Notes

- A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.
- B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.
- C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.
- D. ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.
- E. NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.
- F. DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

Key Plan
N.T.S.

S.E.D. Control No. 62-16-01-06-0-004-011

Rev. No.	Date	Description

TETRA TECH
ARCHITECTS & ENGINEERS

Saugerties Central School District
Saugerties, New York

Reconstruction to:
C.M. Riccardi Elementary School

First and Second Floor Key Plans

Drawn By:	Date:	Drawing Number:
ts	10/15/21	
Project No.:		
306617-21002	CA050	

