

School/Facility: River Hill High School
Location: Elevator Across from the Art Rooms
Date of IEQ Report Form: March 16, 2018 (voicemail from Day Building Supervisor)
Date(s) Investigated: March 22, 2018
Date of Report: April 6, 2018

IEQ Concern:

An individual reported to the Custodial Day Building Supervisor about an odor within the elevator located across from the art rooms.

IEQ Investigation Process:

Identify deficiencies that may impact IEQ and/or sources of odor concerns. Typically includes the following depending on the nature of concern, but not limited to:

- interview/questionnaire with concerned individual(s)
- inspection above drop ceiling (condition of roof deck, pipe insulation, return air plenum)
- inspection of ventilation system (operation of variable air volume box and outdoor air dampers, check controls, measurements of carbon dioxide, temperature and relative humidity, sources near outdoor air intake, measure return and supply air volume, cleanliness of coils, liner and condensate pan)
- inspection of exterior
- inspection below drop ceiling (housekeeping, sink and floor drain traps, signs of past and present moisture concern via visual and/or moisture meter, mold growth, ensure connection of current and capping of abandoned sanitary vents, odorizers, excessive plants and fabric items, identify potential pathways, and measure volatile organic compounds, carbon monoxide, and lighting)

Findings:

- An odor was not detected within the elevator. An unusual odor was not detected in areas (above the drop ceiling and elevator chase) and rooms (elevator equipment room, drama classroom, and fitness room) surrounding the elevator chase.
- The interior of the elevator has hard finished walls with padded / protective curtain(s) draping over the walls.
- The elevator has carpet flooring which the Custodial Day Building Supervisor indicated was replaced this school year.
- Particulate debris was observed on the top of the light lens within the elevator.

Corrective Actions:

- School custodial staff was to clean the debris from the light lens on the day of the finding.