

School/Facility: Glenwood Middle
Location: Portable 20
Date of IEQ Report Form: October 4, 2017
Date(s) Investigated: October 4, 2017
Date of Report: January 3, 2018

IEQ Concern:

While Building Services performed other tasks, personnel reported a potential penetration on the exterior siding resulting in further investigation within the portable where some loose floor tiles were noted to have mold growth underneath them. An environmental consultant was contacted to assist with investigation since the Office of Environment was unavailable.

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 of concern 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:

- See environmental consultant's report dated October 19, 2017 on Glenwood Middle School's IEQ web page.
- Visible mold growth was observed on wood floor substrate beneath floor tile along exterior wall.

Corrective Actions:

- A contractor completed repairs on November 30th which consisted of removing any damage flooring, wood framing, and drywall and correcting source of the leak.