

School/Facility: Hammond Elementary

Location: Media

Date of IEQ Report Form: December 6, 2016

Date(s) Investigated: December 9, 2016

Date of Report: February 14, 2017

IEQ Concern:

The IEQ walk through identified mold growth on the drywall bulkhead above the circulation desk.

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:

- A concentrated circle (~2" diameter) had mold growth as a result of a past moisture incident.
- Dry wall was dry as determined by a moisture meter calibrated to drywall.
- Cause was from a sprinkler pipe elbow that appeared to rust itself sealed.

Corrective Actions:

- The sprinkler pipe elbow was repaired during the 2016 winter break by a contractor.
- The drywall has been repaired.