

**School/Facility:** Hammond Elementary  
**Location:** Stage in Gym  
**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 suspect mold growth on roof deck.

**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 large step ladder was used to gain close access to the roof deck and was inspected by HCPSS Environmental Safety Specialist and Building Services personnel. The suspect material was mineral salts (i.e. calcium).

**Corrective Actions:**

- Building Services coordinated with contractors to sand, clean, and paint the roof deck, bar joists and mechanical systems in stage ceiling. The work was completed during the 2016 winter break.