

**School/Facility:** Howard High School  
**Location:** Mechanical Closets within A107, A111, B105, B108, B109, and B111  
**Date of IEQ Report Form:** March 2, 2018 (Condition Noted During IEQ Walkthrough)  
**Date(s) Investigated:** March 2 and 8, 2018  
**Date of Report:** April 23, 2018

**IEQ Concern:**

Apparent mold growth was observed within the mechanical closets within the above referenced rooms during an IEQ Walkthrough.

**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:**

- Apparent mold growth was observed within the mechanical closets within the above referenced rooms during an IEQ Walkthrough.
- The mechanical closets were determined to be under negative pressure compared to the adjoining classrooms.
- The impacted pipes were wrapped with poly-ethylene sheeting to reduce potential exposure pathways until the insulation could be removed.

**Corrective Actions:**

- The impacted fiberglass pipe insulation was removed under work order #63111.