

**School/Facility:** Atholton High  
**Location:** Mechanical Room 33  
**Date of IEQ Report Form:** April 27, 2017  
**Date(s) Investigated:** May 8, 2017  
**Date of Report:** August 22, 2017

**IEQ Concern:**

The IEQ walk through conducted on April 26, 2017 identified mold growth on seams of HVAC duct insulation.

**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:**

- Mold growth and/or highly suspected was identified on two areas of canvas duct wrap.

**Corrective Actions:**

- Construction Office utilized the services of a contractor to remove and replace the impacted duct wrap.