

School/Facility: Howard High
Location: Room A109
Date of IEQ Report Form: July 5, 2017
Date(s) Investigated: July 7, 2017
Date of Report: September 13, 2017

IEQ Concern:

An individual report suspect mold growth in the closet housing ventilation equipment.

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 was observed on the closet's ceiling and lower walls. The drywall was still wet as determined with the use of a moisture meter calibrated to drywall.

Corrective Actions:

- A restoration company removed all of the mechanical closet's associated drywall and insulation.
- HCPSS Building Services installed new walls, ceiling, and insulation and painted surfaces.
- Building Services evaluated and corrected the source (mechanical equipment in the room above) of the leak.