

School/Facility: Murray Hill Middle
Location: Portable 166 (LC-2)
Date of IEQ Report Form: February 9, 2017
Date(s) Investigated: February 13, 2017
Date of Report: March 14, 2017

IEQ Concern:

Custodian observed black spots on the wall when performing monthly fire extinguisher inspection.

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:

- Building Services discovered water damaged and rotting wood framing and mold growth on the back of the drywall.
- The source was a cut in the roof.

Corrective Actions:

- Removed and discarded damaged wood, insulation, and drywall. Replaced with new materials.
- A contractor repaired the roof.
- The interior was cleaned from debris/dust.