

School/Facility: Fulton Elementary
Location: Custodial Closet #4
Date of IEQ Report Form: November 9, 2016
Date(s) Investigated: November 10, 2016
Date of Report: November 23, 2016

IEQ Concern:

During the school's IEQ walkthrough inspection, the team observed moisture related concerns on ceiling tile around the exhaust vent grille and a small section of the wall next to the vent.

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:

- No signs of water damage or source above the drop ceiling.
- The shadowing of the ceiling tile surrounding the edge of the exhaust vent's grille was bleed through from duct mastic pasted on the exhaust vent grille's flange. This is from original construction.
- The spotting on the wall besides the exhaust vent was discoloration from splatter and suspect mold on the paint. The source is unknown, but believed to be caused by activities within the custodial closet.

Corrective Actions:

- The splatter on the wall was cleaned and disinfected with HCPSS custodial Q128 (EPA registered disinfectant).