

School/Facility: Forest Ridge Elementary
Location: Portable 79
Date of IEQ Report Form: August 28, 2017 (via work order 41014)
Date(s) Investigated: September 1, 2017
Date of Report: October 17, 2017

IEQ Concern:

Individual reported possible mold on vents.

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:

- Particulate, rust spots, and mildew spotty (smaller ring of diffuser) were observed on three of the five metal air supply diffusers.
- All five diffusers had some rust spotting.

Corrective Actions:

- The mildew spotting was cleaned and disinfected with Shockwave (EPA registered disinfected) at the time of investigation until Building Services was able to address.
- Building Services replaced all five existing diffusers with new on September 11th as per work order 41044.