

School/Facility: Dunloggin Middle

Location: Portables 47 & 51

Date of IEQ Report Form: August 1, 2017

Date(s) Investigated: August 2, 2017

Date of Report: October 17, 2017

IEQ Concern:

Portable 47 contained a piece of furniture with suspect mold growth. Portable 51 had suspect mold growth on ceiling panel.

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:

- Portable 47
 - A non-issued HCPSS couch had mold growth related to excessive humidity on the underside frame. Mold growth was not observed on other surfaces within the portable.
 - Thermostat was set at 66 degrees Fahrenheit for cooling.
- Portable 51
 - Mold growth was starting on ceiling panel. The area of the drywall ceiling was wet as determined by the use of a moisture meter calibrated to wood.
 - The metal air supply air diffusers had rust and mildew spotting.

Corrective Actions:

- The school discarded the couch.
- The thermostat was set to proper heating and cooling set points. School administration is to instruct custodial and teaching staff not to adjust thermostat.
- School administration is to submit a work order for Building Services to install a tamper proof cover over the thermostat in the portables.
- Building Services had already identified the concerns in portable 51 and evaluation /corrective action was planned for and completed over the summer by a contractor.