

School/Facility: Swansfield Elementary

Location: Portable 95

Date of IEQ Report Form: April 21, 2017

Date(s) Investigated: April 26, 2017

Date of Report: July 10, 2017

IEQ Concern:

Individual(s) expressing concern about a moldy and sewage odor along with black spotting on a window sill.

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:

- The inherent odor associated with wood sided portables was detected to be slight.
- An aroma associated with the new cloth pouches containing flutophones was detected.
- Two brown water stained ceilings were observed.
- The window sill in question had some wood rot forming and mold spotting in the left corner. The window was found not to be completely closed.
- The windows did not have screens to allow them to be opened.

Corrective Actions:

- The portable was demolished this summer as previously scheduled.
- The ceiling tiles were replaced after patching the voids found in the wall flashings.
- The remainder of work requests to install window screens and repair window sill were not completely executed knowing the portable was to be demolished.