

School/Facility: Swansfield Elementary School

Location: Room 140

Date of IEQ Report Form: October 19, 2017

Date(s) Investigated: Not Applicable

Date of Report: February 6, 2018

IEQ Concern:

A whistling sound was observed that is presumably caused by air passing through the return air vent. Individual inquired if something may be blocking / obstructing 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:

- The concern was directed to the Construction Office and did not require an IEQ investigation performed by the Office of the Environment.

Corrective Actions:

- Work order 57320 was generated for the Construction Office to investigate and address as necessary.