

School/Facility: Pointers Run Elementary
Location: Music Room
Date of IEQ Report Form: November 7, 2016
Date(s) Investigated: November 16 and 18, 2016
Date of Report: December 2, 2016

IEQ Concern:

Custodial staff detected what they describe as a musty odor in the music room.

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 odor is inherent and associated with the carpeting. This is not uncommon or a concern.
- The gym office which is adjacent to the music room has a shower stall with a dry drain trap.

Corrective Actions:

- The school administration may request for Custodial Services carpet crew to wet extract the carpet using DX 50.
- The school administration is to inform custodial staff and /or physical education staff to run the shower or pour water down the drain and do periodically so the drain trap does not dry out release potential sewer gas odors.