

School/Facility: Marriotts Ridge High

Location: Room 327

Date of IEQ Report Form: March 24, 2017

Date(s) Investigated: April 5, 2017

Date of Report: June 27, 2017

IEQ Concern:

Individual reports musty odor in room and no airflow coming from fan coil unit.

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 individual indicated it was a one-time incident where it smelt like rain and progressed to a melting odor coming from the fan coil unit.
- The individual indicated Building Services responded by replacing a failing motor.
- The individual has not detected the odor since the motor had been replaced.

Corrective Actions:

- None required as a result of this investigation.