

School/Facility: Murray Hill Middle
Location: Room 111
Date of IEQ Report Form: February 3, 2017
Date(s) Investigated: February 23, 27, and March 13, 2017
Date of Report: April 4, 2017

IEQ Concern:

Staff reported a stale, musty odor in the classroom.

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 room consists of carpeting. A dry aged carpet like odor is detected upon entry and is not detected in the storage closet consisting of floor tile. The odor could be detected within the carpeting.
- The carpet was wet extracted/cleaned and deodorized by Custodial Services carpet crew. The aged carpet like odor could still be detected even after the carpet was cleaned.
- The ceiling tiles did not have water stains, but were observed to be slightly bowed (indicates past moisture event).

Corrective Actions:

- Custodial Services' carpet crew wet extracted/cleaned and deodorized the carpet.
- Building Services is to consider professionally cleaning and deodorizing the carpet and/or replace the carpet with floor tile. Building Services is to create a work order and discuss plans with school administration.