

**School/Facility:** Bonnie Branch Middle School  
**Location:** Exterior, North Wall  
**Date of IEQ Report Form:** March 1, 2018 (Work Order #61916)  
**Date(s) Investigated:** March 14, 2018  
**Date of Report:** March 19, 2018

**IEQ Concern:**

Staining was observed on the north exterior wall during an Indoor Environmental Quality (IEQ) Walkthrough. The staining appeared to have originated from two roof scuppers that are positioned over windows.

**IEQ Investigation Process:**

Identify deficiencies that may impact IEQ and/or sources of odor concerns. This typically includes the following depending on the nature of concern, but not limited to:

- interview/questionnaire of concerned 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 concerns 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 roof top scuppers were assessed for obstructions. No obstructions were observed.
- The windows on the first and second floor (directly below the staining) were assessed for signs of moisture intrusion. No signs of mold or moisture were observed in the vicinity of the windows or on the walls.
- No thermal anomalies (indicative of moisture intrusion) were observed while screening the areas.

**Corrective Actions:**

- No further action appears warranted.