

**School/Facility:** St. John's Lane Elementary

**Location:** Boiler Room

**Date of IEQ Report Form:** April 28, 2017

**Date(s) Investigated:** May 2, 2017

**Date of Report:** July 20, 2017

**IEQ Concern:**

Suspicious discoloration on boiler exhaust's canvas duct wrap during the April 28, 2017 IEQ walk through inspection.

**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 canvas duct wrap resembles Plaster of Paris gauze strips (web of squares with paste). The unfilled web squares, lighting, and viewing angle allows the duct wrap to have the appearance of discoloration / staining resembling mold or dirt. This was the case regarding the above concern.

**Corrective Actions:**

- No further action is required at this time.