

**School/Facility:** Ducketts Lane Elementary  
**Location:** 1<sup>st</sup> Floor Boys' Restroom  
**Date of IEQ Report Form:** December 15, 2016  
**Date(s) Investigated:** December 15, 2016  
**Date of Report:** February 23, 2017

**IEQ Concern:**

Leak in wall chase reported by Building Services Plumbing Shop. During the assessment some mold growth was observed.

**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 origin of the leak was in the wall chase within the second floor boys' restroom.

**Corrective Actions:**

- The services of a restoration company were rendered to dry impacted chases, remove wetted fiberglass and mold spotted drywall located behind vinyl base, and repair openings made to wall chase.