

**School/Facility:** Bushy Park Elementary

**Location:** Throughout Building

**Date of IEQ Report Form:** November 14, 2016

**Date(s) Investigated:** Not Applicable

**Date of Report:** March 10, 2017

**IEQ Concern:**

Water backs up through HVAC condensate pipes after heavy rains.

**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 concern was directed to Building Services and did not require an IEQ investigation performed by the Office of the Environment.

**Corrective Actions:**

- A bid package is being prepared for contractors to replace all back-flow preventers to address storm water from back flowing into the fan coil units. The work is to be completed summer 2017.