

School/Facility: Centennial Lane Elementary School

Location: Front Office

Date of IEQ Report Form: January 29, 2018

Date(s) Investigated: February 2, 2018

Date of Report: March 19, 2018

IEQ Concern:

The individual noted a general health concern that occurred once or twice a year.

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 individual indicated a pre-existing dust allergy. This dust allergy may be exacerbated when ceiling tiles above the individuals work space are disturbed for routine maintenance activities.

Corrective Actions:

- The mineral fiber ceiling tiles above the individual's workspace will be replaced with a more resilient Poly-Vinyl Chloride (PVC) tile (Work Order #63815). This will eliminate the possibility of fibers being released from the tile when they are disturbed for maintenance. It will not eliminate general dust from the plenum from becoming airborne and potentially settle on the individual's workspace when tiles are disturbed. Should excessive dust be observed, contact with the dust should be avoided and a custodian should be notified to vacuum and wet-wipe the area.