

**MCPS Office of Facilities Management
Division of Sustainability and Compliance
Indoor Air Quality (IAQ)**

Poolesville High School IAQ Sensor Monitoring

Reporting Period: March 4, 2024 – March 8, 2024

Report Date: March 13, 2024

MCPS personnel reviewed the following:

- Construction Activities as reported by the MCPS Division of Design and Construction (DDC) to the Poolesville High School (PHS) Administration for inclusion in the community update notification.
- IAQ sensor data included in the Poolesville HS On-Site Construction IAQ Report.

Summary Observations:

- One (1) notification was triggered during the reporting period.
 - Which was in response to a science classroom using Bunsen Burners in their instructional material throughout the school day on Wednesday March 6, 2024.
- IAQ Sensor data were reviewed daily by IAQ and DDC personnel.
- Approximately five (5) classrooms consistently indicate TVOC concentrations higher than the other classrooms for limited durations. These concentrations rise and fall at the same time as rises and falls in other IAQ parameters monitored, most likely related to occupancy changes.
- PM data show higher concentrations for limited durations throughout the instructional day in approximately eight (8) different classrooms. These concentrations rise and fall at the same time as rises and falls in other IAQ parameters monitored, most likely related to occupancy changes.

Construction Activities:

- Review of planned construction activities against the data collected indicates that construction activities are not likely to have impacted indoor air quality at PHS, during this reporting period.

Response Action(s):

- Both IAQ and DDC staff will continue to monitor sensor data at PHS.

Attachments:

- Poolesville HS On-Site Construction IAQ Reports for March 04, 2024 through March 08, 2024.