



# Butler County Area Vocational-Technical School

210 Campus Lane • Butler, Pennsylvania 16001 • Phone (724) 282-0735

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July 8, 2024

Dear Butler County AVTS Community:

On June 6, 2024, water testing was conducted at Butler County AVTS by Intertek-PSI for lead and Legionella. Forty-five (45) locations were tested for lead. Fifteen (15) locations were tested for Legionella. These samples were forwarded to and tested by two independent laboratories. The official results were reported to BCAVTS. This letter serves as an explanation of the results as well as current and upcoming mitigation strategies.

## **LEAD INFORMATION:**

Again, a total of forty-five (45) water samples were collected. Three (3) of the samples had lead concentrations above the EPA Action Level of 15 ug/L (microgram/Liter) or 15.0 ppb (parts per billion) and the EPA upper limit of 20.0 ug/L or 20.0 ppb. \*One (1) additional sample had an elevated lead level of 10.9 ug/L that does not reach the EPA Action Level as described above; however, due to the elevated level, we are taking action at this location also.

The Action Level locations and lead levels are as follows:

- Cosmetology Theory Room Laundry Sink: 24.6 ug/L
- Culinary Arts Kitchen Hose Bib: 16.5 ug/L
- Culinary Arts Dining Room Sink: 200 ug/L
- \*Health Assistant Lab Sink: 10.9 ug/L

The four (4) locations with elevated lead level concentrations were immediately removed from service. Prior to placing the four (4) outlets back into service, remediation/mitigation of the outlets and re-sampling will occur.

## **LEAD MITIGATION SUMMARY:**

- Cosmetology Theory Room Laundry Sink & Health Assistant Lab Sink (Administration Building)
  - ACTIONS TAKEN/IN PROCESS/TO OCCUR:
    - Taken out of service
    - Replace aerator
    - Clean and flush
    - Re-test
      - If needed, further actions will take place
- Culinary Arts Kitchen Hose Bib & Dining Room Sink (Administration Building)
  - ACTIONS TAKEN/IN PROCESS/TO OCCUR:
    - Taken out of service
    - Replace faucet
    - Clean and flush
    - Re-test
      - If needed, further actions will take place



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### LEGIONELLA INFORMATION:

A total of fifteen (15) samples were collected and analyzed for Legionella in water. Occupational Safety and Health Administration (OSHA) established the Response Levels for Legionella at 10 CFU/mL (no. of colonies X dilution factor) or greater. Also, according to American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the Center for Disease Control and Prevention (CDC), some suggested Response Actions are to review sample collection, handling and testing for potential errors and to confirm that system equipment is in good working order and functioning as intended. **We are thankful to report that Legionella was not detected in any of the samples; therefore, Response Actions for Legionella are not needed.**

With the health and safety of our students and staff always our first priority, regarding the elevated lead levels, we will persist with our EPA Response Action mitigation strategies and will continue to work closely with and follow the guidance of the water testing experts at Intertek-PSI. Additional information will be provided when available. Finally, if you have any questions or concerns, please feel free to contact me at [hilerr@butlertec.us](mailto:hilerr@butlertec.us) or (724) 282-0735 EXT. 202.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Hiler".

Regina Hiler, Ed.D.  
Executive Director