

December 19, 2022

Ms. Anne Gibboni,
Director, Facilities
Cape May County Technical School District
188 Crest Haven Road
Cape May Court House, NJ 08210

Dear Ms. Gibboni,

This report summarizes the results of the December 8th – 9th, 2022, routine mercury air monitoring of the Cape May Technical School MAC gym. This monitoring is the Quarter 2 monitoring to reflect mercury levels given winter HVAC settings for the 2022-2023 school year.

Air Monitoring Findings revealed the following:

- Airborne mercury levels measured near the gym stage **during occupied mode** from 12:00 PM to 9:00PM on December 8th, 2022 **averaged, 0.09 $\mu\text{g}/\text{m}^3$ (range 0.03 - 0.19 $\mu\text{g}/\text{m}^3$)**; well below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.
- Airborne mercury levels measured near the gym stage **during un-occupied mode** from 9PM on December 8th, 2022 to 6AM on December 9th, 2022 **averaged, 0.08 $\mu\text{g}/\text{m}^3$ (range 0.00 - 0.14 $\mu\text{g}/\text{m}^3$)**; well below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.
- Airborne mercury levels measured near the gym stage **during occupied mode** from 6:00AM to 4:00PM on September 22, 2022 **averaged, 0.10 $\mu\text{g}/\text{m}^3$ (range 0.00 – 0.19 $\mu\text{g}/\text{m}^3$)**; below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Based upon the above, it is our professional opinion that airborne mercury levels within the MAC gym during occupied and un-occupied periods averaged 0.09 and 0.10 $\mu\text{g}/\text{m}^3$ respectively; lower than NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$. No mercury hazard is suggested.

Our next quarterly monitoring will be scheduled for the end of February 2023. Please contact me with any questions.

Sincerely,
Richard A. Lynch
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NJ Licensed Indoor Environmental Consultant
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Reviewed and Authorized:
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