

September 12, 2024

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 August 29-30, 2024, routine mercury air monitoring of the Cape May Technical School MAC gym.

Air Monitoring Findings revealed the following:

- Airborne mercury levels measured near the gym stage over the monitoring period **averaged, 0.26 $\mu\text{g}/\text{m}^3$ (range 0.12 - 0.38 $\mu\text{g}/\text{m}^3$)**; below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$. Gym temperature averaged 68°F and ranged from 67 - 72 °F.

Based upon the above, it is our professional opinion that the overall airborne mercury levels within the MAC gym averaged 0.26 $\mu\text{g}/\text{m}^3$; lower than NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$. Based upon these findings, it is our professional opinion that the gym's HVAC systems settings are effectively controlling airborne mercury concentrations during the cooling season.

Thank you for the opportunity to assist you with the evaluation. Our next monitoring will be scheduled for late November/early December 2024.

Please contact me with any questions at (856)764-3557.

Sincerely,
Richard A. Lynch
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NJ Licensed Indoor Environmental Consultant
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