

February 26, 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 February 20 – 21, 2024, routine mercury air monitoring of the Cape May Technical School MAC gym.

Air Monitoring Findings revealed the following:

- Outdoor airborne mercury was measured at approximately 0.02 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) approximately equivalent to the lower detection limit for the J505 Mercury Vapor Monitor. The outdoor temperature range was approximately 33-40°F at the time of monitoring.
- Airborne mercury levels measured near the gym stage from over the February 20-21, 2024 25-hour monitoring period **averaged, 0.15 $\mu\text{g}/\text{m}^3$ (range 0.04 - 0.33 $\mu\text{g}/\text{m}^3$)**; well below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$. Gym temperature averaged 67°F and ranged from 64 - 71 °F. Relative humidity averaged 25%.

Based upon the above, it is our professional opinion that airborne mercury levels within the MAC gym averaged 0.15 $\mu\text{g}/\text{m}^3$; below the NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Thank you for the opportunity to assist you with the evaluation. Our next monitoring will be scheduled for February/March 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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