

November 24, 2025

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 November 12-13, 2025, 2nd Quarter routine mercury air monitoring of the Cape May Technical School MAC gym.

Airborne mercury levels measured near the center of the gym and on the stage over the monitoring period **averaged, 0.21 $\mu\text{g}/\text{m}^3$ (range 0.08 - 0.30 $\mu\text{g}/\text{m}^3$)**; below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$. Gym temperature averaged 66°F. Relative humidity averaged 50%.

Based upon these findings, it is our professional opinion that the gym's HVAC systems settings were effectively controlling airborne mercury concentrations at the current settings. The following recommendations should be considered:

1. Continue to operate the gym's HVAC system in the 24-hour occupied mode settings.
2. Regular non-abrasive floor cleaning of the MAC gym floor and stage areas should continue to prevent accumulation of excessive dusts.

Our next monitoring will be scheduled for February 2026.

Thank you for the opportunity to assist you with the evaluation. Please contact me with any questions at (856)764-3557.

Sincerely,
Richard M. Lynch
Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM
NJ Licensed Indoor Environmental Consultant
President, ESMCorp
www.esmcorp.com