

May 31, 2023

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 May 11th – 12th, 2023, Q4 routine mercury air monitoring of the Cape May Technical School MAC gym. This monitoring is the final mercury monitoring period of the 2022-2023 school year.

Findings

Findings revealed that airborne mercury levels within the MAC gym during the student/staff occupied periods (6AM to 9PM) averaged 0.32 to 0.44 $\mu\text{g}/\text{m}^3$. Airborne mercury levels within the MAC gym during unoccupied period (9PM to 6AM) averaged 0.34 g/m^3 . All mercury levels were lower than NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Recommendations

Based upon these findings, the following recommendations should be considered

1. Continue operating the gym's HVAC system in the current mode (occupied mode 6:00 AM to 9:00PM).
2. Continue regular non-abrasive floor cleaning of the MAC gym floor and stage areas to prevent accumulation of excessive dusts.

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

Sincerely,
Richard A. Lynch
Richard A. Lynch, MBA, CIH, CIEC
Certified Industrial Hygienist
NJ Licensed Indoor Environmental Consultant
www.esmcorp.com

Reviewed and Authorized:
Richard M. Lynch
Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM
NJ Licensed Indoor Environmental Consultant
President, ESMCorp
rlynch@esmcorp.com