

May 29, 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 May 16 – 17, 2024, routine mercury air monitoring of the Cape May Technical School MAC gym.

Monitoring Findings revealed the following:

- Airborne mercury levels measured near the gym stage from over the entire May 16 - 17, 2024 monitoring period averaged, 0.37 $\mu\text{g}/\text{m}^3$ (range 0.08 - 0.69 $\mu\text{g}/\text{m}^3$); below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.
- Airborne mercury levels measured near the gym stage from during the Occupied Mode Times (5/16 3:20 PM to 9:00 PM and 5/17 7:00 AM to 1:55 PM) averaged, 0.32 $\mu\text{g}/\text{m}^3$ (range 0.10 - 0.66 $\mu\text{g}/\text{m}^3$); below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.
- Airborne mercury levels measured near the gym stage from during the Nighttime Mode (5/16 9:00 PM to 5/17 7:00 AM) averaged, 0.43 $\mu\text{g}/\text{m}^3$ (range 0.08 - 0.69 $\mu\text{g}/\text{m}^3$); below the NJDOH Guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Based upon the above, it is our professional opinion that the overall airborne mercury levels within the MAC gym averaged 0.37 $\mu\text{g}/\text{m}^3$; lower than 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. 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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