

September 24, 2021

Ms. Paula J. Smith
Business Administrator
Cape May County Technical School District
188 Crest Haven Road
Cape May Court House, NJ 08210

Dear Ms. Smith,

This report summarizes the results of the September 13 -14, 2021 mercury air monitoring of the Cape May Technical School MAC gym. During the approximate 29-hour continuous monitoring period, the MAC gym HVAC system was functioning in accordance with the following settings:

- Daytime Occupied mode: 6:00AM – 9:00PM, Temperature Setpoint: 67°F, Fresh Air Intake: 15%
- Nighttime Unoccupied mode: 9:00PM - 6:00AM, Temperature Setpoint: 67°F, Fresh Air Intake: 0%

Results

Airborne mercury levels within the MAC gym with the HVAC running in the daytime occupied mode and nighttime unoccupied mode averaged 0.23 to 0.24 $\mu\text{g}/\text{m}^3$; lower than NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Our next monitoring will be scheduled for December 2021.

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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Industrial Hygienist
NJ Licensed Indoor Environmental Consultant
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