

November 18, 2020

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 November 11, 2020 mercury air monitoring of the Cape May Technical School MAC gym.

Outdoor airborne mercury was measured at approximately 0.01 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Outdoor temperature was approximately 72°F@82% relative humidity at the time of monitoring. Gym temperature averaged 66 °F and ranged from 65 - 68 °F during this monitoring period. Relative humidity averaged 73% and ranged from 64-78%

Continuous air monitoring conducted within the center of the MAC gym between approximately 10:40 AM and 2:40 PM revealed average airborne mercury levels at 0.26 $\mu\text{g}/\text{m}^3$ and a range of 0.19 - 0.33 $\mu\text{g}/\text{m}^3$; below the NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$.

Based upon the above, it is our professional opinion that the airborne mercury levels within the MAC gym during our November 2020 monthly air monitoring averaged 0.26 $\mu\text{g}/\text{m}^3$; lower than NJ Department of Health guideline of 0.8 $\mu\text{g}/\text{m}^3$. Our next monthly monitoring will be scheduled for December 2020.

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

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