

December 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 December 8, 2020 mercury air monitoring of the Cape May Technical School MAC gym. This monitoring was conducted by Mr. Richard A. Lynch, MBA, CIEC during occupancy of the MAC gym by students and staff during regular school hours.

Air Monitoring Findings revealed the following:

- Continuous air monitoring conducted within the center of the MAC gym between approximately 10:35 AM and 2:50 PM revealed average airborne mercury levels at  $0.14 \mu\text{g}/\text{m}^3$  with a range of  $0.07 - 0.21 \mu\text{g}/\text{m}^3$ ; below the NJ Department of Health guideline of  $0.8 \mu\text{g}/\text{m}^3$ . Details of continuous monitoring findings are shown below:

Based upon the above, it is our professional opinion that the airborne mercury levels within the MAC gym during our December 2020 monthly air monitoring with the HVAC running in 24/7 occupied mode averaged  $0.14 \mu\text{g}/\text{m}^3$ ; lower than NJ Department of Health guideline of  $0.8 \mu\text{g}/\text{m}^3$ .

Our next monthly monitoring will be scheduled for January 2020. 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, CIEC  
Industrial Hygienist  
NJ Licensed Indoor Environmental Consultant  
[www.esmcorp.com](http://www.esmcorp.com)

Reviewed and Authorized:

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