

April 22, 2020

Ms. Lameka Augustin
School Business Administrator/Board Secretary
Faust School - Board Office
100 Uhland Street
East Rutherford, New Jersey 07073

Dear. Ms. Augustin,

This report summarizes the results of the April 8, 2020 monthly air monitoring of the McKenzie Elementary School gym. Dr. Richard M. Lynch, Ph.D., CIH conducted this assessment. Methods and Evaluation Criteria are identical to those previously reported and will not be repeated herein.

Air monitoring findings revealed that outdoor airborne mercury was measured at approximately 0.03 to 0.05 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Spot monitoring for mercury within the gym revealed airborne mercury levels ranging between 0.05 and 0.18 $\mu\text{g}/\text{m}^3$. Continuous air monitoring conducted within the gym between approximately 9:10 AM and 12:20 PM revealed average airborne mercury levels within the gym at 0.18 $\mu\text{g}/\text{m}^3$ and a maximum of 0.24 $\mu\text{g}/\text{m}^3$.

Based upon the above, it is our professional opinion that the airborne mercury levels within the gym during our April 8, 2020 monthly air monitoring with the HVAC running in occupied mode ranged between 0.05 and 0.24 $\mu\text{g}/\text{m}^3$. All airborne mercury levels were substantially 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.

Sincerely,

Richard M. Lynch

Richard M. Lynch, Ph.D., CIH, FAIHA, CMC, CMRS, CHFM
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