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March 4, 2019

Mr. Beecher Baker  
Superintendent of Schools  
Hadley Luzerne CSD  
273 Lake Avenue  
Lake Luzerne, NY

Re: Report of Air Sample Analysis, Fiber Concentrations  
Hadley-Luzerne CSD  
High School & Junior High School Wing  
Lake Luzerne, New York  
PSI Project No: 08213290

Dear Mr. Baker:

As requested, Professional Service Industries, Inc. (PSI) performed limited ambient air sampling for fiber concentrations within several classrooms at the Junior and Senior High School located at 273 Lake Avenue in Lake Luzerne NY. The classrooms which were sampled in the High School Wing included rooms 151, 155, 156 and 157. The classrooms sampled in the Junior High Wing included 107 and 114.

The air sampling was conducted as a result of work conducted over the February break. This work included removal of lay in ceiling tiles from the High School classrooms and Room 114 of the Junior High School, as well as penetrations through existing ceiling plasters located in Room 107 of the Junior High School. PSI was also requested to review the asbestos surveys previously conducted as required by New York State, EPA AHERA and OSHA prior to renovations in buildings.

A review of the asbestos survey reports compiled for the Junior and Senior High School indicated no asbestos was present within the ceiling plasters, 2'x4' lay in ceiling tiles or the brown glue dabs associated with the rooms noted above.

The air samples were collected on March 1, 2019 utilizing a High-Volume air sampling pump and delivered to PSI's in-house laboratory, which is accredited by the New York State Department of Health Environmental Laboratory Program, ELAP. Air samples were analyzed by Phase Contrast Microscopy, (PCM) NIOSH method 7400 to determine the ambient levels of fiber concentrations in the air. A single air sample was collected from each room.

The sample results are summarized in the Table below:

**AMBIENT AIR SAMPLE RESULTS FOR F/CC  
HADLEY LUZERNE CSD HIGH SCHOOL & Jr. HIGH SCHOOL**

<b>Sample Location</b>	<b>Sample Number</b>	<b>Airborne Fiber Concentration (Fibers per cubic centimeter: f/cc)</b>
High School Room 155	Lab 190942A	0.003
High School Room 157	Lab 190943A	<0.002
High School Room 156	Lab 190944A	0.007
High School Room 151	Lab 190945A	0.005
Jr. High Toom 107	Lab 190946A	0.013
Jr. High Room 114	Lab 190947A	0.012

The results of the air sampling were compared to the OSHA Permissible Exposure Level for asbestos, which is 0.1 fibers per cubic centimeter (f/cc) of air over an 8-hour time-weighted average. The air sample results indicate airborne fiber concentrations in all samples well below the OSHA PEL. For reference the excursion limit OSHA set for asbestos is 1 f/cc for a 30-minute duration of exposure.

Should you have any questions regarding the results, please contact PSI at 518-377-9841. Thank you for the opportunity to assist with your environmental needs.

Respectfully submitted,  
**PROFESSIONAL SERVICE INDUSTRIES, INC.**



John J. Tranter  
Manager

Attachments:  
Air Sample Results  
Certifications