



July 2, 2021

Donald B. Ward, Supervisor
Town of Greenwich
2 Academy Street
Greenwich, New York 12834

Re: Limited Asbestos Investigation and Sampling Services
Subj: Town Community Building Upgrades Project
File: 1587.004.001

Dear Donald:

This letter and attachments represent Barton & Loguidice, D.P.C.'s (B&L's) report for the above-referenced project.

Introduction

B&L was retained by the Town of Greenwich to conduct a limited investigation and sampling for asbestos-containing materials for structures located at 5149 County Route 113 Greenwich, New York. Onsite structures scheduled for future renovation include a gymnasium/barn with an attached Silo, milk house and learning center. Prior to any renovation activities, all asbestos containing materials (ACMs) must be removed by a NYS licensed asbestos abatement contractor.

The supplemental survey was conducted by Sebastian Reeves representing B&L on June 23, 2021. Mr. Reeves is a New York State Department of Labor (DOL) certified asbestos inspector. A copy of his inspector's certifications and B&L's company license are provided in Appendix A.

Discussion and Results

Asbestos Sampling

Representative sampling was conducted throughout accessible areas of the above mentioned structures, including the roof. Friable samples were collected in triplicate and submitted for analysis by polarized light microscopy (PLM) with dispersion staining. Friable samples were analyzed utilizing serial analysis. Non-friable organically bound (NOB) materials were analyzed in accordance with New York State Department of Health requirements. NOBs are first subjected to an ashing and acid washing procedure to properly break down the material. The sample is then analyzed by PLM for asbestos content. If asbestos is found, the analysis is complete. However, a negative result must be confirmed by using transmission electron microscopy (TEM). All samples were analyzed by AmeriSci of New York, Inc. located in New York, New York.



Donald B. Ward, Supervisor
Town of Greenwich
July 2, 2021
Page 2

The asbestos survey of the structures located at 5149 County Route 113 Greenwich, New York, included the collection of one set of five of friable material samples, 10 triplicate sets of friable material samples and 10 NOB duplicate sample sets. Laboratory reports, sample chain-of-custody forms, and laboratory certifications are included in Appendix B. Material sample results are summarized in the table below:

Gymnasium/Barn – 5149 County Route 113 Greenwich, NY – Asbestos Sample Results					
Sample Number	Material Description	Estimated Quantity	Condition/ Friability	Lab Results (% Asbestos)	Material Location
WB-1-1,2,3	Gymnasium wall board, joint compound and seam tape, white	NA	Fair/ Friable	NAD	Bathrooms, entry way and storage area
LF-2-1,2	Linoleum flooring – white w/ gray specs	NA	Poor/ Non-Friable	NAD	Bathrooms and entry way
CFB-3-1,2,3	Cementitious floor board, gray	NA	Fair/ Non-Friable	NAD	Utility room/Boiler room
WG-4-1,2,3	Window glazing, white	NA	Poor/ Friable	NAD	Gymnasium windows
AF-5-1,2	Asphalt shingle roofing, black	NA	Poor/ Non-Friable	NAD	Roof
PL-6-1,2,3,4,5	Exterior plaster on metal lath, white	NA	Fair/ Friable	NAD	Exterior walls
FELT-7-1,2	Roof felt beneath asphalt shingles, black	NA	Poor/ Non-Friable	NAD	Roof
VERMICULITE-8-AAA	Loose fill vermiculite, gray	1,250 SF	Fair/ Friable	Assumed	Void space beneath gymnasium floor
PL-22-1,2,3	Wall plaster, seam tape and joint compound, white	NA	Fair/ Friable	NAD	Interior ceiling/wall feature where the storage area interfaces with the silo
NAD: No Asbestos Detected N/A: Not Applicable Assumed: Assumed to be asbestos as per EPA/NYS DOL directives.					

Milk House – 5149 County Route 113 Greenwich, NY – Asbestos Sample Results					
Sample Number	Material Description	Estimated Quantity	Condition/ Friability	Lab Results (% Asbestos)	Material Location
WB-1-1,2,3	Gymnasium wall board, joint compound and seam tape, white	NA	Fair/ Friable	NAD	Bathrooms, entry way and storage area
AF-9-1,2	Asphalt shingle roof, black	NA	Poor/ Non-Friable	NAD	Roof



Donald B. Ward, Supervisor
Town of Greenwich
July 2, 2021
Page 3

Milk House – 5149 County Route 113 Greenwich, NY– Asbestos Sample Results					
Sample Number	Material Description	Estimated Quantity	Condition/ Friability	Lab Results (% Asbestos)	Material Location
FELT-10-1,2	Felt paper under asphalt roofing, black	NA	Poor/ Non-Friable	NAD	Roof
PL-11-1,2,3	Exterior wall skim coat plaster on metal lath, white	NA	Poor/ Friable	NAD	Exterior walls
WG-12-1,2,3	Window glazing, white	NA	Poor/ Friable	NAD	Exterior windows
PL-13-1,2,3	Exterior wall base coat plaster, gray	NA	Poor/ Friable	NAD	Exterior walls
CPL-14-1,2,3	Ceiling plaster on metal lath	NA	Poor/ Friable	NAD	Interior ceiling
CBMAS-15-1,2	Covebase mastic remnant, yellow	NA	Fair/ Non-Friable	NAD	Interior walls at base
NAD: No Asbestos Detected N/A: Not Applicable					

Learning Center – 5149 County Route 113 Greenwich, NY– Asbestos Sample Results					
Sample Number	Material Description	Estimated Quantity	Condition/ Friability	Lab Results (% Asbestos)	Material Location
AB-16-1,2	Asphalt board on exterior foundation wall, black	NA	Poor/ Non-Friable	NAD	Exterior foundation wall
DJ-17-1,2	Door joint caulk, gray	NA	Fair/ Non-Friable	NAD	Entrance door joint
VB-18-1,2	Wall vapor barrier, white	NA	Poor/ Non-Friable	NAD	Exterior, barrier between wood siding and wall insulation
WB-19-1,2, 3	Wall board, seam tape and joint compound, white	NA	Fair/ Friable	NAD	Throughout interior
CF-20-1,2,3	Cementitious floor coating, gray	NA	Fair/ Non-Friable	NAD	Over concrete floor throughout
DF-21-1,2	Weather stripping felt, black	NA	Fair/ Non-Friable	NAD	Entrance door joint
NAD: No Asbestos Detected N/A: Not Applicable					



Donald B. Ward, Supervisor
Town of Greenwich
July 2, 2021
Page 4

Sample locations are illustrated on the attached figure. One material was identified as asbestos-containing during this asbestos survey.

Loose fill vermiculite insulation was observed within the void space beneath the gymnasium floor. This material shall be assumed asbestos-containing as per EPA/NYS DOL directives.

In accordance with NYSDOL Industrial Code Rule 56, all material determined to be asbestos-containing must be removed by a licensed asbestos abatement contractor prior to demolition activities affecting them. This regulation also requires that a copy of this report be provided on site for all contractors to review during the work. A copy must also be sent to the local NYSDOL asbestos control bureau office, the government entity charged with issuing demolition permits or, if no such permit is required, to the town or city clerk where the building is located. Should unidentified materials be discovered during the demolition work, the owner and contractor will be liable to follow the procedures identified in ICR56.

If you have any questions, please call me at (518) 218-1801. It was a pleasure working with you on this project and I hope we can be of service in the future.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

Sebastian L. Reeves
Project Industrial Hygienist

John E. Rigge
Vice President

SLR/JER/tmj

Cc:
Jeff Duxbury