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Asbestos Survey

Date of Survey: 10/23/2019

Property address:

An asbestos survey was performed by Kahn Home Inspectors. The purpose of this survey was to perform a visual inspection of the structure at this location in order to identify asbestos containing materials within, document suspected materials, collect bulk sampling and prepare a report summarizing the results of the inspection and sample analysis.

Introduction:

Asbestos is a natural mineral, interwoven into literally thousands of products to enhance strength and durability. Collectively, these are referred to as asbestos-containing material (ACM.)

Health risks associated with pulmonary diseases are caused when asbestos becomes airborne (friable) and is inhaled.

Testing for asbestos before demolition or renovations is vital for identifying ACM containing material and protects all those involved.

Scope of Inspection:

The subject site where this assessment was conducted was 230 Route 32 New Paltz, NY 12561. The structure was approximately 80'X20' feet (1600 square feet). All measurements in survey are approximate. Front of structure was facing North rear facing South, left was facing West. The structure that sampling was performed was wood framed. The siding consisted of wood. The roofing system consisted of Asphalt tab shingles. The interior of the home consisted of wood framing with portions of framing covered with gypsum board (sheetrock). The structure was vacant at the time of the inspection.

This survey included an inspection of accessible areas from the electrical meters toward the right (west) of the structure as per CODE 56. Samples of materials that were suspected of containing asbestos were taken from various parts of the garage and sent to the AMERISCI approved ELAP laboratory for testing. Sampling areas are grouped together if they are homogenous. Homogenous is defined as a substance similar in appearance and texture.

Standards for collecting samples were followed as required by the EPA and NYS DOL:

- a) A minimum of 2 samples of suspected materials from each Homogenous miscellaneous areas
- b) 3 minimum samples of suspected materials from each Homogenous – TSI (Thermal System Insulation)
- c) Minimum sampling of “S” surfacing materials depending on the square footage area.

The laboratory (AMERISCI) analyzed these samples using a polarized-light microscopy (PLM.) This method allows each layer of multi-layered material to be analyzed separately. Some materials which were Non- friable, Organically Bound Materials (NOB) are fabricated through milling asbestos fibers into to extremely small fibers that may go undetected using the PLM method required the use of a Transmission electron microscopy (TEM.)

Asbestos containing materials (ACM) is defined as any materials containing more than 1% of asbestos content. *Substances less than 1% are considered as non-ACM and are thus stated in the report as not containing Asbestos materials.*

Evaluation for friability is noted as FRIABLE. Friability is the ability that the ACM can become air borne (friable) by crumbling, pulverizing or reducing asbestos containing material to powder by hand pressure. The condition of materials was only evaluated for friability and not for disturbance classification, as the intent of this survey was for the purpose of demolition only.

EXCLUSIONS:

The electrical wiring for the structure was not tested as the inspector was unable to verify that the electrical system was shut down.

Sample #	Description	Location	Type of Analysis	Results – % Asbestos found
219103772-01 A1	Window glazing	Front window – right of stoop. (North)	NYS ELAP	NONE
219103772-02 A2	Window glazing	Front Stoop. (North)	NYS ELAP	NONE
219103772-03 B1	Kraft paper of insulation	Crawlspace – front	NYS ELAP	NONE
219103772-04 B2	Kraft paper of insulation	Crawlspace- front	NYS ELAP	NONE
219103772-05 C1	Sheetrock/ gypsum board	Ceiling above stairs to boiler room (South room)	NYS ELAP	NONE
219103772-06 C2	Sheetrock/ gypsum board	Ceiling above stairs to boiler room (South room)	NYS ELAP	NONE

219103772-07 D1	Taping for gypsum / sheetrock	Rear interior wall / boiler room	NYS ELAP	NONE
219103772-08 D2	Taping for gypsum / sheetrock	Rear interior wall / boiler room	NYS ELAP	NONE
2191037728-09 E1	Front roof (North)	Asphalt tab shingles	NYS ELAP	NONE
219103772-10 E2	Front roof (South)	Asphalt tab shingles	NYS ELAP	NONE
219103772-11 F1	Rear- right of Chimney	Chimney flashing	NYS ELAP	NONE
219103772-12 F2	Rear- left of Chimney	Chimney flashing	NYS ELAP	NONE

NO ACM materials greater or equal to 1 % were found in the structure.

No warranty is made that all asbestos has been found.

This inspection report is true to the best of my knowledge.

DOVBER KAHN

10/29



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APPENDIX: 1) Chain of Custody. 2) Lab results.