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Federal ID Number: 47-2475380

P. O. Box 1365 (zip code 24402)
1219-B Stoneburner Street
Staunton, Virginia 24401

Limited Asbestos Inspection Survey

Staunton Public Library Roofing – Replacement 1 Churchville Avenue Staunton, Virginia

Prepared by:

Diversified Environmental Services
PO Box 1365 (24402)
1219 B Stoneburner Street
Staunton, Virginia 24401
Patrick A. DiFlorio, President

DES Project #2308

February 2023

DIVERSIFIED ENVIRONMENTAL SERVICES

Patrick A. DiFlorio, President

ENVIRONMENTAL CONSULTING

Inspection, Project Design, Construction Management • Project Monitoring for: Asbestos & Lead, Indoor Air Quality & Mold • Onsite PCM Analysis



Federal ID Number: 47-2475380

February 7, 2023

Chris R. Hull
City Of Staunton Public Works
P.O. Box 58
Staunton, VA 24402

Reference: Limited Asbestos Inspection Survey
Roofing – Replacement
1 Churchville Avenue
Staunton, Virginia

Mr. Hull,

On February 3, 2023, Diversified Environmental Services (DES) collected and placed under chain of custody, five (5) bulk samples of suspect asbestos containing material from the pending renovation areas at the above referenced location. The samples were sent to Eurofins / Carolina Environmental Laboratories in Cary, North Carolina for PLM analysis. The bulk samples may have been further separated into additional layers and then analyzed via Polarized Light Microscopy using the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpart F, App. A). A total of five (5) samples were analyzed.

The Structure

The present use of the space is: Public Library

The area inspected is a flat roof. The roof consists of a stone ballasted modified rubber membrane on top of perlite insulation. This roof system rests upon the original tar and felt built-up roof. The roof deck is made of wood.

The Inspection

This inspection, at a minimum, was performed in strict accordance with EPA 40 CFR 61 Part M - National Emission Standards for Hazardous Air Pollutants (NESHAP), EPA 40 CFR Part 763, Subpart 5 - Asbestos Hazard Emergency Response Act (AHERA) and Occupational Safety and Health Administration 29 CFR 1910.1101, as they pertain.

Suspect materials were categorized into homogenous groups based on similar like composition, color, texture, etc.

The materials were further distinguished by classifying them for friability.

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Friable Asbestos Containing Materials (ACM) - Material containing more than 1% asbestos which has been applied to ceilings, walls, structural members, piping, duct work or any other part of a building, and which, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.

Suspect materials within the areas of renovation include:

Metal Mastic	Brick Mastic	Roof Felts
Roof Tars	Flashing	

Subsequent analysis of the collected samples determined that the following materials are Asbestos Containing Building Materials (ACBM), >1% asbestos.

Sample legend – (#2308-*-*) DES Project # - Homogeneous Area- Sample #

AHERA Rating-

- #1 – Damaged or significantly damaged Thermal System Insulation (TSI).
- #2- Damaged friable surfacing ACM.
- #3- Significantly damaged friable surfacing ACM.
- #4- Damaged or significantly damaged friable miscellaneous ACM.
- #5- ACBM with potential for damage.
- #6- ACBM with potential for significant damage.
- #7- Any remaining friable ACBM or friable suspected ACBM.

Sample	Description	Category	Friability	Rating	Condition
#2308-2-1	Flashing / Perimeter	Miscellaneous	Nonfriable	#6	Good
#2308-4-1	Off-white, Black Mastic / Metal Cap	Miscellaneous	Nonfriable	#6	Good

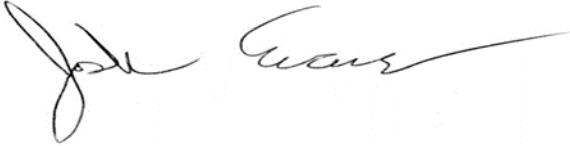
This inspection only identifies accessible asbestos containing roofing materials that will be disturbed during roof replacement.

Additional sampling may follow.

Included in this report is the individual sample analysis of the materials collected.

If we can further assist you, please contact our office at your convenience.

Best regards,
DIVERSIFIED ENVIRONMENTAL SERVICES

A handwritten signature in black ink, appearing to read "Josh Evans", written over a faint, dotted rectangular box.

Josh Evans
Project Manager, VAI #3303003682

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Staunton Public Library Roof, 2308

LAB CODE: B232737

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
#2308-1-1		B232737.01	Black	Roof Field Core	None Detected
#2308-2-1		B232737.02	Black	Flashing	Chrysotile 3%
#2308-3-1		B232737.03	Black	Built-up Felts	None Detected
#2308-4-1		B232737.04	Off-white,Black	Mastic	Chrysotile 3%
#2308-5-1		B232737.05	Gray,Black	Mastic	None Detected

COMPANY CONTACT INFORMATION	
Company: DES	Job Contact: Josh Evans
Project Name: Staunton Public Library Roof	
Project ID #: #2308	Tel: (540) 290-3373

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COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

11-30-2023

NUMBER

3303003682

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE



JOSHUA RAY EVANS
1196 SPAULDING STREET
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Demetrios J. Mello
Demetrios J. Mello, Director

Status can be verified at <http://www.dpor.virginia.gov>

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DPOR-LIC (02/2017)