

# **Asbestos Hazard Emergency Response Act Three-Year Asbestos Re-Inspection and Management Plan Update**

for  
Facilities Administration Building

For Compliance with  
State of Connecticut Department of Public Health  
Asbestos-Containing Material in Schools Regulation  
(Sections 19a - 333-1 through 19a - 333-13)  
and  
EPA Asbestos Hazard Emergency Response Act  
(Title 40 CFR, Part 763, Subpart E)

**New Milford Public Schools**  
New Milford, Connecticut

March 2020



56 Quarry Road  
Trumbull, CT 06611



FUSS & O'NEILL

April 23, 2020

Mr. Kevin Munrett  
Facilities Manager  
New Milford Public Schools  
386 Danbury Road  
New Milford, CT 06776

**RE: Three-Year AHERA Asbestos Re-Inspection and Management Plan Update**  
**Re-Inspection Date: March 26, 2020**  
**Facilities Administration Building**  
**386 Danbury Road, New Milford, CT**  
Fuss & O'Neill Project No. 20071230.C40

Dear Mr. Munrett:

Enclosed is the three-year AHERA Asbestos Re-Inspection and Management Plan Update report prepared by Fuss & O'Neill, Inc. for the Facilities Administration Building located at 386 Danbury Road in New Milford, Connecticut (the "Site"). The inspection was performed for New Milford Public Schools (the "Client"). This report is an important document that must be kept on file at the school as well as at a central location where the Management Plans are maintained.

If you should have any questions regarding this report, please do not hesitate to contact me. Thank you for this opportunity to have served your environmental needs.

Sincerely,

Eduardo Miguel Marques  
Senior Environmental Analyst

EMM/nw

Enclosure

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# 1 Introduction

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## 1.1 Background

The Clean Air Act required the United States Environmental Protection Agency (EPA) to develop standards to address the potential health risks associated with adverse effects of asbestos exposure as an indoor contaminant. In October 1986, the EPA promulgated the Asbestos Hazard Emergency Response Act (AHERA) located at Title 40 CFR, Part 763, Subpart E.

The AHERA regulations required that local education agencies (LEAs) conduct inspections of each school building that they lease, own, or otherwise use as a school building to identify friable (easily crumbled or crushed to powder by hand pressure) and non-friable asbestos-containing building materials (ACBM) locations. The original inspections were required to have been completed prior to October 12, 1988.

AHERA also requires that any building leased or acquired on or after October 12, 1988 that is to be used as a school building shall be inspected for friable and non-friable ACBM prior to use as a school building. In the event of an emergency use of a building that has not been inspected for ACBM, the building shall be inspected within 30 days after commencement of such use.

The regulatory requirements remain in effect for private or public school systems, a church-affiliated school of any denomination, a school dedicated to the education of children with special needs, or a charter school. In the State of Connecticut, the Department of Public Health (CTDPH) is responsible for AHERA regulation enforcement.

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## 1.2 Local Education Agency (LEA) Responsibilities

- A. The LEA is responsible for compliance with the AHERA regulation. The following responsibilities must be followed:
1. The LEA must designate a person to ensure that all of the AHERA requirements are properly implemented. The Designated Person must receive adequate training to perform their duties.
  2. The LEA must ensure that management plans are maintained in a central location, as well as at each facility, and such plans and records are available for inspection or review at all times.
  3. The LEA must inform all workers, building occupants or their legal representative in writing at least once per school year about asbestos-related activities, and the availability of the AHERA management plans for the school buildings.

4. The LEA must ensure proper accreditation for all persons who perform asbestos inspections, asbestos re-inspections, develop/update management plans, develop response actions, and perform required response actions including operations and maintenance (O&M) activities that may disturb asbestos.
5. The LEA must provide training for all custodial and maintenance staff who regularly perform building maintenance where ACBM are present. The training must be provided upon initial hire, as well as annual updates.
6. The LEA must provide information (disclosure) to any workers who may perform work and may come into contact with asbestos in school buildings where ACBM or presumed ACBM are present.
7. The LEA must ensure that known ACBM or presumed ACBM are provided with warning labels in routine maintenance areas.
8. The LEA must ensure that periodic surveillance is performed at least once every six months, after management plan implementation, in all school buildings that it leases, owns, or otherwise uses that contains ACBM or presumed ACBM.
9. The LEA must ensure that once every three years, after a management plan is implemented, a Re-Inspection is performed at each school building that it leases owns or otherwise uses that contains ACBM or presumed ACBM.

Refer to above-mentioned regulation for full requirements and responsibilities.

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### 1.3 Accreditation

A. Local Education Agency (LEA):

LEA: New Milford Public Schools  
Address: 50 East Street  
New Milford, Connecticut  
Phone: (860) 355-8406  
Fax: (860) 210-4132

B. Designated Person:

Designated Person: Mr. Kevin Munrett  
Address: 386 Danbury Road  
New Milford, Connecticut  
Phone: (860) 354-6265  
Fax: (860) 210-2233

C. Asbestos Consultant:

Firm: Fuss & O'Neill, Inc.  
Address: 56 Quarry Road  
Trumbull, Connecticut  
Phone: (203) 374-3748  
Fax: (203) 374-4391

D. Asbestos Inspector:

Inspector: Benjamin Silverman  
CTDPH License #: 000349  
Expiration Date: 08/31/2020

E. Asbestos Management Planner:

Planner: Eduardo Miguel Marques  
CTDPH License #: 000201  
Expiration: 02/28/2021

## 2 Building and Mechanical System Description

The Facilities Administration Building is a two-story house with a basement and encompasses approximately 3,500 square feet. The structure is wood-framed with hardwood floors throughout the first and second floors. An attic is located above the second floor, with a chimney passing through the attic. The basement has concrete floors while the foundation is constructed of stone. The house is heated with an oil-fired forced air furnace. The window systems are wood framed. Walls throughout the building are plaster, with the exception of the basement walls.

## 3 Three Year Re-Inspection

### 3.1 Re-Inspection Procedures

This three-year asbestos re-inspection was conducted in accordance with EPA requirements of the AHERA regulation, Title 40 CFR, Part 763, Section 763.85 (b).

On March 26, 2020, Fuss & O'Neill, Inc. (Fuss & O'Neill) representative Mr. Ben Silverman performed the re-inspection.

A. During the re-inspection, Fuss & O'Neill conducted the following required tasks:

1. A visual re-inspection and reassessment of all known friable or assumed ACBM.

2. A visual re-inspection of ACBM that was previously considered non-friable to determine if the present condition of the material has become friable.
3. Identification and assessment of any newly-identified homogeneous area that contains friable ACBM since the last inspection or re-inspection.

## 4 Re-Inspection Report

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### 4.1 Review of Existing Records

An important part of this AHERA re-inspection involved researching prior documentation that is required to be present at the school, as well as at the central recordkeeping location where management plans are stored.

Please see *Appendix A* for the checklist for existing records.

### 4.2 Re-Inspection Summary

The on-site portion of the re-inspection was documented on forms modeled after examples provided by the EPA and reviewed with the CTDPH. The first form, **Re-Inspection Form 1A**, identifies previous inspection data gathered during the initial AHERA inspection and subsequent re-inspection (see *Appendix B*). This form is useful to reference response actions (if any), which have been performed since the last inspection, as well as identifies the last known conditions of ACBM in the building. It additionally provides the inspector a “quick glance” reference when performing the re-inspection.

The second EPA form, **Re-Inspection Form 1B**, is used to list all known or assumed asbestos-containing materials that were previously unidentified (See *Appendix C*). It also lists the ACBM in areas newly-acquired by the school for student use either permanently or temporarily.

The third EPA form, **Re-Inspection Form 2**, was used to provide information and justification regarding re-assessment of the ACBM (see *Appendix D*). This form also provides response action recommendations, including a tentative schedule for completing response actions that recommend removal or repair.

No bulk samples were collected during this re-inspection.

Using EPA protocol and criteria, the following materials existing in the Facilities Administration Building at the time of this three-year re-inspection have been determined and/or assumed to be **ACBM**. Please refer to the above-mentioned Re-Inspection Forms for specific locations of the materials.

**Table 1**  
**Asbestos-Containing Building Materials**

<b>Material</b>	<b>Location</b>	<b>Reference</b>	<b>Asbestos Content</b>
Aircell Pipe Insulation and Associated Pipe Fitting Cement	Basement	EnviroScience 2000 Asbestos Management Plan	65% Chrysotile
White 1' x 1' Ceiling Tiles and Associated Glue Daubs	Second Floor Secretary's Office	EnviroScience 2000 Asbestos Management Plan	Assumed
Silver Duct Insulation	Attic	EnviroScience 2017 AHERA Inspection	Assumed
Tan/Black Batt Wrapping Insulation	Attic	EnviroScience 2017 AHERA Inspection	Assumed
Black Sheet Paper underneath Two Layers of Flooring	Kitchen	EnviroScience 2017 AHERA Inspection	Assumed
Yellow Ceramic Wall Tile and Gray Grout and Adhesive	Bathrooms	EnviroScience 2017 AHERA Inspection	Assumed
Red Wall Paper	1 <sup>st</sup> Floor Bathroom, Room 1	EnviroScience 2017 AHERA Inspection	Assumed
White/Blue Wall Paper	Facilities Manager, Maintenance Assistant Offices	EnviroScience 2017 AHERA Inspection	Assumed
Yellow Wall Paper	Storage	EnviroScience 2017 AHERA Inspection	Assumed
Gray Plaster Base Coat and White Plaster Skim Coat	Throughout Walls, Ceiling and Chimney at the Attic	EnviroScience 2017 AHERA Inspection	Assumed
White Gypsum Board Wall and Associated White Joint Compound	Bathrooms, Room 1, 2-2, 2-3, 2-4	EnviroScience 2017 AHERA Inspection	Assumed
White Laminated Wall Panel and Associated Glue	Kitchen	EnviroScience 2017 AHERA Inspection	Assumed
Black Laminated Counter Top	Kitchen	EnviroScience 2017 AHERA Inspection	Assumed
White 2' x 2' Ceiling Tiles	Maintenance Assistant Office	EnviroScience 2017 AHERA Inspection	Assumed
Brown Marbled Flooring and Associated Adhesive	Basement Stair Landing	Fuss & O'Neill 2020 AHERA Inspection	Assumed



Using the EPA protocol, samples of the following suspect materials were collected and analyzed. The analytical results indicated that these materials are **non-ACBM**:

**Table 2**  
**Non-Asbestos-Containing Building Materials (Previous Re-Inspections)**

<b>Material</b>	<b>Location</b>	<b>Reference</b>
Chimney Flue Cement	Basement	EnviroScience Original Management Plan 2000
Window Glazing Compounds	Basement	EnviroScience Original Management Plan 2000
12" x 12" Floor Tile	First Floor Kitchen	EnviroScience Original Management Plan 2000
Middle Layer of Linoleum Sheet Flooring	First Floor Kitchen	EnviroScience Original Management Plan 2000
Bottom Layer of Linoleum Sheet Flooring	First Floor Kitchen	EnviroScience Original Management Plan 2000
Linoleum Sheet Flooring	First Floor Bathroom	EnviroScience Original Management Plan 2000
Skim and Rough Coat Wall and Ceiling Plaster	Throughout First and Second Floors of Building	EnviroScience Original Management Plan 2000

Mr. Eduardo Miguel Marques reviewed the information obtained during this Re-Inspection. Mr. Marques is an EPA-accredited and CTDPH-licensed Asbestos Management Planner.

### **4.3 Newly Identified or Re-sampled ACBM Materials**

The following newly identified suspect ACBM have been identified in the building:

- Brown Marbled Flooring and Associated Adhesive.

These materials must be assumed to contain asbestos until laboratory analysis determine otherwise. These materials have been added to *Table 1* as assumed ACBM.

AHERA regulations pertain to interior identified or assumed ACBM and limited exterior ACBM. AHERA regulations do include ACBM located on exterior porticos, covered walkways, and mechanical equipment used to condition interior building air.

Any suspect material encountered during renovation/demolition/maintenance activities that is not specifically identified in the Asbestos Management Plan (AMP) as a non-ACM should be assumed to contain asbestos unless sample results indicate otherwise.

**Additional Information:**

- ACBM floor tile and associated mastics may exist below non-moveable objects such as cabinets, platforms, sheetrock walls, lockers, etc.;
- Samples of exterior building materials not covered under AHERA, such as caulking and glazing compounds, roofing materials and materials behind exterior walls and panels should be collected and analyzed to determine asbestos content prior to performing activities that would disturb them;
- Asbestos-containing vapor barriers and waterproofing materials may exist beneath wood floors, behind walls, exterior below ground surface foundations, etc.; and
- Subsurface cementitious pipe (i.e., asbestos cement pipe).

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## 4.4 Physical Assessment of ACBM

During inspection, suspect ACBM were separated into three EPA categories. These categories are thermal system insulation (TSI), surfacing ACBM, and miscellaneous ACBM. TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe and fitting insulations, boiler insulation, and duct insulation. Surfacing ACBM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACBM not listed in TSI or surfacing, such as sheet flooring, vinyl asbestos flooring, ceiling tiles, and construction mastics/adhesives.

Finally, ACBM were quantified in linear and/or square feet, depending on the nature of the material.

The ACBM identified during the inspection and still remaining in the school were re-assessed using the CTDPH and AHERA guidelines for assessment of ACBM. The following assessment categories are listed:

- 1 Damaged or significantly damaged TSI ACBM
- 2 Damaged friable surfacing ACBM
- 3 Significantly damaged friable surfacing ACBM
- 4 Damaged or significantly damaged friable miscellaneous ACBM
- 5 ACBM with potential for damage
- 6 ACBM with potential for significant damage
- 7 Any remaining friable ACBM or friable suspected ACBM

Material locations, assessments, and recommended response actions are listed in the Re-Inspection forms.

## 5 Management Plan Update

### 5.1 Recommended Response Actions

Based on the inspection report, physical walk-through inspection, and existing ACBM conditions, the following response actions are recommended:

1. Removal - Not Applicable
2. Repair – 14 LF of aircell pipe insulation in the basement is damaged.
3. Enclosure - Not Applicable
4. Encapsulation - Not Applicable
5. Operations and Maintenance (O & M) - All remaining ACBM.

It should be noted that only ACBM with assessments of 1 or 2 are recommended for removal or repair. The remaining ACBM should be included in the O & M Program. The condition of these ACBM will be monitored until all of the ACBM have been completely removed from the building. A successful O & M Program includes the following elements:

- A. Cleaning: All areas of the school where friable ACBM or assumed friable ACBM are present should be cleaned at least once after completion of the initial inspection. Additional cleaning may be necessary if the Management Planner makes a written recommendation indicating the methods and frequency of such cleaning.
- B. O & M Activities: The LEA shall ensure that the procedures described below are followed to protect building occupants from O & M activities that may disturb known or assumed ACBM:
  1. Restrict entry into the area either by physically isolating or by scheduling.
  2. Post asbestos warning signs to prevent entry by unauthorized persons.
  3. Deactivate or temporarily shut off or divert the air-handling system to the area.
  4. Use proper work practices and engineering controls, such as wet methods, protective clothing, High Efficiency Particulate Air (HEPA) vacuums, mini-enclosures/glove bags, etc. to inhibit fiber migration.
  5. Place asbestos debris and other contaminated materials into a sealed, leak-tight container for disposal.
- C. Minor Fiber Release Episode: The LEA shall ensure that the procedures described below are followed in the event of a minor fiber release episode (i.e., disturbance of less than or equal to 3 linear/square feet of friable ACBM):
  1. Saturate the debris using wet method.
  2. Place the debris in a sealed, leak-tight container and clean the area.

3. Repair the area of damaged ACBM with materials such as asbestos-free spackling, plaster or insulation or seal with an encapsulant.
- D. Major Fiber Release Episode: The LEA shall ensure that the procedures described below are followed in the event of a major fiber release episode (i.e., disturbance of greater than 3 linear/square feet of friable ACBM):
1. Restrict entry into the area and post asbestos warning signs.
  2. Deactivate or temporarily shut off or divert the air handling system from the area to prevent fiber migration.
  3. The response action for any major fiber release episode must be prepared by EPA-accredited Asbestos Project Designers and conducted by EPA-accredited personnel.
  4. The LEA shall notify the CTDPH of any major fiber release episode within twenty-four hours of its occurrence and, if necessary, provide written notification as required by applicable federal and/or state regulations.

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## 5.2 Periodic Surveillance

At least once every six months after an AMP is implemented, the LEA will conduct periodic surveillance in the school that contains ACBM or assumed ACBM. The person conducting periodic surveillance will visually inspect all areas in the school that where ACBM have been identified in the AMP, record the date of surveillance, their name, any changes in the ACBM condition and submit the record to the LEA Designated Person for inclusion in the AMP.

Please see *Appendix E* for the sample Periodic Surveillance Form that may be used for conducting periodic surveillance.

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## 5.3 Preventive Measures

The LEA shall institute appropriate preventive measures to eliminate the reasonable likelihood that ACBM will become damaged, deteriorated, or delaminated.

Please see *Appendix F* for preventive measures designed for various types of ACBM that may exist in the school.

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## 5.4 Abatement (Removal) Cost Estimates

Costs for abatement (removal) of damaged ACBM identified as recommended response actions are as follows:

**Table 3  
Abatement Cost Estimates**

<b>Material</b>	<b>Location</b>	<b>Quantity</b>	<b>Estimated Contractor Cost</b>
Aircell Pipe Insulation and Associated Pipe Fitting Insulation	Basement	14 LF Damaged (30 LF Total)	~\$3,500

## 6 EPA Accreditation Requirements

The EPA accreditations and the CTDPH Asbestos Inspector licenses for Mr. Ben Silverman and Mr. Eduardo Miguel Marques are provided in *Appendix G*.

Report prepared by Senior Environmental Technician Ben Silverman.

Reviewed by:



Eduardo Miguel Marques  
Senior Environmental Analyst



Jared D. Smith, CSP  
Senior Project Manager

## **Appendix A**

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### Existing Records Checklist

## Existing Records Checklist

Local Education Agency (LEA): New Milford Public Schools  
50 East Street  
New Milford, Connecticut, 06776

School Building: Facilities Administration Building

The following documentation is required to be present in both the LEA's office, as well as in a centralized location in the school administrative office. The information included in this checklist will be verified to be present and complete as part of three-year Re-Inspection.

DOCUMENTATION		LOCATION	
		School	LEA Office
1	Original AHERA Operations and Maintenance Plan/Inspection Report	*	Yes
2	Three Year Re-Inspection (First and All Subsequent Inspections)	*	Yes
3	Parents and Teachers Notifications (Annually Since Last Re-Inspection)	*	Yes
4	Designated Person Identification and Proper Training (Person Must Be Named and Have Appropriate Training)	*	Yes
5	Designated Person Periodic Surveillance (Once Every Six Months)	*	Yes
6	Maintenance Staff Awareness Training Records	*	Yes
7	Outside Vendor Awareness Notification	*	Yes
8	Asbestos Warning Signs and Labels (Required Posting in Boiler Rooms and Mechanical Spaces Only)	Yes	N/A
9	Response Action Records (Includes Any Abatement Conducted Since Last 3-Year Re-Inspection)	*	Yes

Comments: \* The Asbestos Management Plan (AMP) and support documentation is available electronically on the New Milford Public Schools website facilities page. Please refer to the Facilities page on the New Milford Public School website ( [newmilfordps.org](http://newmilfordps.org)) for further information.

Inspector (LEA Office): Ben Silverman

Date: 3/26/2020

Inspector (School): Ben Silverman

Date: 3/26/2020

## **Appendix B**

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### Re-Inspection Form 1A



School: New Milford Public Schools

 Building: Facilities Administration Building

 Date of Original Inspection: 2000

 Address: 386 Danbury Road, New Milford, CT

 Date(s) of Subsequent Re-Inspections: 2008, 2009, 2010, 2017, 2020

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
DF-1013-01A-C	65 % Chrysotile	Aircell Pipe Insulation and Associated Pipe Fitting Cement	TSI	F	1/7	Basement	
Assumed	Assumed ACM	White 1' x 1' Ceiling Tiles and Associated Glue Daubs	Misc.	F/NF	7/5	Second Floor Secretary's Office	
Assumed	Assumed ACM	Silver Duct Insulation	TSI	F	7	Attic	
Assumed	Assumed ACM	Tan/Black Batt Wrapping Insulation	Misc.	F	7	Attic	
Assumed	Assumed ACM	Black Sheet Paper underneath Two Layers of Flooring	Misc.	NF	5	Kitchen	
Assumed	Assumed ACM	Yellow Ceramic Wall Tile and Gray Grout and Adhesive	Misc.	NF	5	Bathrooms	
Assumed	Assumed ACM	Red Wall Paper	Misc.	NF	5	1 <sup>st</sup> Floor Bathroom, Room 1	
Assumed	Assumed ACM	White/Blue Wall Paper	Misc.	NF	5	Facilities Manager, Maintenance Assistant Offices	
Assumed	Assumed ACM	Yellow Wall Paper	Misc.	NF	5	Storage	

School: New Milford Public Schools

 Building: Facilities Administration Building

 Date of Original Inspection: 2000

 Address: 386 Danbury Road, New Milford, CT

 Date(s) of Subsequent Re-Inspections: 2008, 2009, 2010, 2017, 2020

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
DF-1030-08A, 08C, 10B	Assumed ACM	Gray Plaster Base Coat and White Plaster Skim Coat	Surf.	F/NF	2/5	Throughout Walls, Ceiling and Chimney at the Attic	Limited sampling performed in targeted locations and sample areas determined to be non-ACM. Additional sampling required to meet NESHAP requirement.
Assumed	Assumed ACM	White Textured Skim Coat	Surf.	F	5	Room 2-3 Stairwells	Material not identified during this re-inspection and removed from inventory.
Assumed	Assumed ACM	White Gypsum Board Wall and Associated White Joint Compound	Misc.	NF	5	Bathrooms, Room 1, 2-2, 2-3, 2-4	Material not observed in rear foyer. Rear foyer removed from inventory.
Assumed	Assumed ACM	White Laminated Wall Panel and Associated Glue	Misc.	NF	5	Kitchen	
Assumed	Assumed ACM	Black Laminated Counter Top	Misc.	NF	N/A	Kitchen	Not Regulated by AHERA; for Informational Purposes Only. Material must be Managed/Disposed of as ACM.
Assumed	Assumed ACM	White 2' x 2' Ceiling Tiles	Misc.	F	7	Maintenance Assistant Office	
Assumed	Assumed ACM	Brown Marbled Flooring and Associated Adhesive	Misc.	NF	5	Basement Stair Landing	

## Re-Inspection Form 1 (A) – List of Identified ACBM

School: New Milford Public Schools Building: Facilities Administration Building Date of Original Inspection: 2000  
Address 386 Danbury Road, New Milford, CT Date(s) of Subsequent Re-Inspections: 2008, 2009, 2010, 2017, 2020

Information abstracted by: Ben Silverman Date: 3/26/2020

Material Category: TSI = Thermal System Insulation, Surf. = Surfacing, Misc. = Miscellaneous

Friability: F = Friable, NF = Non-Friable

## AHERA Assessment Categories:

1 = Damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM

## **Appendix C**

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### Re-Inspection Form 1B



Re-Inspection Form 1 (B) – List of Previously-Unidentified Suspect ACBM

School: New Milford Public Schools  
 Address: 386 Danbury Road, New Milford, CT

Building: Facilities Administration Building  
 Date(s) of Re-Inspection: 2008, 2009, 2010, 2017, 2020

Date(s) of Original AHERA Inspection: 2000

Homogeneous Material		Asbestos Content (%)	Material Category	Estimated Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded Locations of Material for Each Assessment Category
Sample Number	Material Description						
Assumed	Brown Marbled Flooring and Associated Adhesive	Assumed ACM	Misc.	9 SF	NF	5	Basement Stair Landing

Inspected by: Ben Silverman Date: 3/26/2020

Material Category: TSI = Thermal System Insulation, S = Surfacing, M = Miscellaneous

LF = Linear Feet; SF = Square Feet

Friability: F = Friable, NF = Non-Friable

AHERA Assessment Categories:

1 = Damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM

## **Appendix D**

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### Re-Inspection Form 2



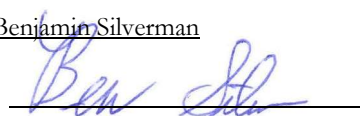
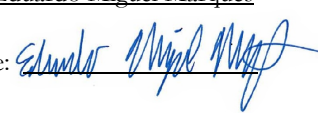
School: New Milford Public Schools

Building: Facilities Administration

Date of Re-Inspection: 3/26/2020

Homogeneous Material: Aircell Pipe Insulation and Associated Pipe Fitting Cement

Sample ID Number: DF-1013-01A-C

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Basement	F	14 LF	1	Damaged or significantly damaged TSI	Repair damaged material	Recommend response for Summer 2020
		12 LF	7	Any remaining friable ACBM or friable suspected ACBM	Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u>					Management Planner Name: <u>Eduardo Miguel Marques</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000349 / CT</u>					Accreditation #/State: <u>000201 / CT</u>	
Expiration Date: <u>8/31/2020</u>					Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						



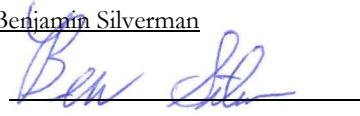
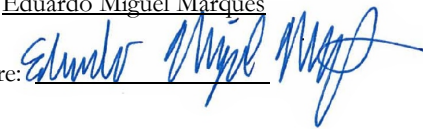
School: New Milford Public Schools

Building: Facilities Administration

Date of Re-Inspection: 3/26/2020

Homogeneous Material: White 1' x 1' Ceiling Tiles and Associated Glue Daubs

Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Second Floor Secretary's Office	F/NF	144 SF	7/5	Any remaining friable ACBM or friable suspected ACBM / ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						



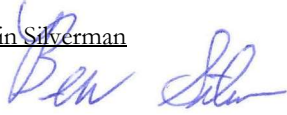

School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Silver Duct Insulation

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Attic	F	30 LF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						

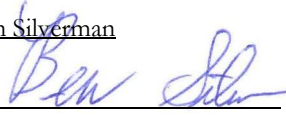
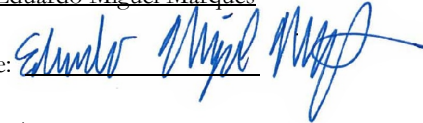
School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Tan/Black Batt Wrapping Insulation

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Attic	F	30 LF	7	Any remaining friable ACBM or friable suspected ACBM	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						


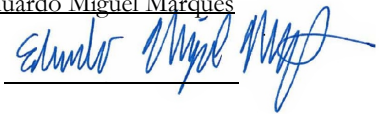
School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Black Sheet Paper underneath Two Layers of Flooring

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Kitchen	NF	390 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						

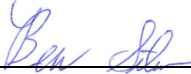

School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Yellow Ceramic Wall Tile and Gray Grout and Adhesive

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Bathrooms	NF	400 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						



School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Red Wall Paper

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
1st Floor Bathroom, Room 1	NF	560 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						

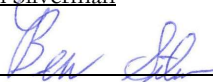
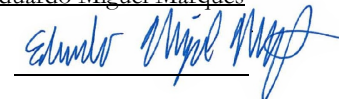
School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: White/Blue Wall Paper

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Facilities Manager, Maintenance Assistant Offices	NF	700 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

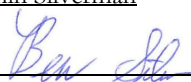

School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Yellow Wall Paper

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Storage	NF	350 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						



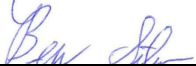

School: New Milford Public Schools

Building: Facilities Administration

Date of Re-Inspection: 3/26/2020

Homogeneous Material: Gray Plaster Base Coat and White Plaster Skim Coat

Sample ID Number: DF-1030-08A, 08C, 10B

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Throughout Walls, Ceiling and Chimney at the Attic	NF	9,910 SF	5	ACBM with potential for damage	Maintain under O&M Plan	On-going
Chimney at the Attic	F	90 SF	2	Damaged friable surfacing ACBM	Materials sampled and determined to be non-ACM. Additional sampling to meet NESHAPS requirements recommended	Recommend Additional Sampling Summer 2020
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						




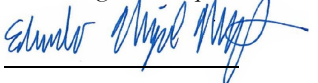
School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: White Gypsum Board Wall and Associated White Joint Compound

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Bathrooms, Room 1, 2-2, 2-3, 2-4	NF	1,400 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						

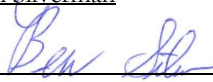
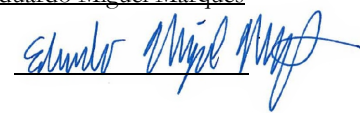
School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: White Laminated Wall Panel and Associated Glue

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Kitchen	NF	700 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						




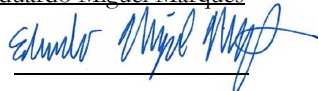
School: New Milford Public Schools

Building: Facilities Administration

Date of Re-Inspection: 3/26/2020

Homogeneous Material: Black Laminated Countertop

Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Kitchen	NF	40 SF	N/A	Not Regulated by AHERA; for Informational Purposes Only	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						




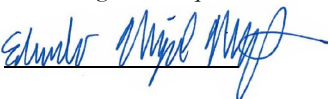
School: New Milford Public Schools

Building: Facilities Administration

Date of Re-Inspection: 3/26/2020

Homogeneous Material: White 2' x 2' Ceiling Tiles

Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Maintenance Assistant Office	F	144 SF	7	Any remaining friable ACBM or friable suspected ACBM	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <u>No</u>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						



School: New Milford Public Schools

 Building: Facilities Administration

 Date of Re-Inspection: 3/26/2020

 Homogeneous Material: Brown Marbled Flooring and Associated Adhesive

 Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Basement Stair Landing	NF	9 SF	5	ACBM with potential for damage	Recommend Sampling material to Confirm Asbestos Content  Maintain under O&M Plan	On-going
Were additional samples of this ACBM collected? <b>No</b>					Date of Management Planner Review: <u>4/13/2020</u>	
Inspector's Name: <u>Benjamin Silverman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000349 / CT</u> Expiration Date: <u>8/31/2020</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201 / CT</u> Expiration Date: <u>2/28/2021</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____  Date: _____						

## **Appendix E**

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### Sample 6-Month Periodic Surveillance Form



## 6- Month Periodic Surveillance Form

Local Education Agency (LEA): New Milford Public Schools

Facility Address: Facilities Administration Building, 386 Danbury Road, New Milford CT

Date of Surveillance: \_\_\_\_\_

### ACBM Damage Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Aircell Pipe Insulation and Associated Pipe Fitting Cement	Basement	D			14 LF	Damage covered by black garbage bags.
White 1' x 1' Ceiling Tiles and Associated Glue Daubs	Second Floor Secretary's Office	G/IA				
Silver Duct Insulation	Attic	G				
Tan/Black Batt Wrapping Insulation	Attic	G				
Black Sheet Paper underneath Two Layers of Flooring	Kitchen	G/IA				Accessible only under dishwasher
Yellow Ceramic Wall Tile and Gray Grout and Adhesive	Bathrooms	G				
Red Wall Paper	1 <sup>st</sup> Floor Bathroom, Room 1	G				
White/Blue Wall Paper	Facilities Manager, Maintenance Assistant Offices	G				
Yellow Wall Paper	Storage	G				
Gray Plaster Base Coat and White Plaster Skim Coat	Throughout Walls, Ceiling and Chimney at the Attic	D			90 SF	Materials sampled in 2000 and determined to be non-ACM. Additional sampling required to meet NESHAPS requirements. Damaged at chimney in attic.

<b>Asbestos-Containing Building Material</b>	<b>Location</b>	<b>Previous Condition</b>	<b>Present Condition</b>	<b>Change in Condition (Yes/No)</b>	<b>Estimated Damaged Quantity</b>	<b>Comments</b>
White Gypsum Board Wall and Associated White Joint Compound	Bathrooms, Room 1, 2-2, 2-3, 2-4	G				
White Laminated Wall Panel and Associated Glue	Kitchen	G/IA				
Black Laminated Counter Top	Kitchen	G				Not Regulated by AHERA; for Informational Purposes Only. Material must be Managed/Disposed of as ACM.
White 2' x 2' Ceiling Tiles	Maintenance Assistant Office	G				
Brown Marbled Flooring and Associated Adhesive	Basement Stair Landing	G				

Conditions: D = Damaged; G = Good; IA = Inaccessible; NA = Not Applicable; SF = Square Feet; LF = Linear Feet

Surveillance conducted by: \_\_\_\_\_  
 (print name) (signature)

I, the LEA's Designated Person, have read and understood the findings noted above: \_\_\_\_\_

Date: \_\_\_\_\_



## **Appendix F**

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### Preventive Measures

## Preventive Measures for Various Asbestos-Containing Building Materials

### A. Surfacing Materials

“Surfacing Materials” means materials in a school building that are applied by spray, trowel, or otherwise applied to surfaces. These include sprayed-applied fireproofing materials on structural members, ceiling and wall plasters, or other materials applied to surfaces for acoustical, fireproofing, or other purposes.

Surfacing Materials are generally considered friable and can release asbestos fibers if damaged by impact, air erosion, vibration, and/or water intrusion. When properly implemented, the following procedures will reduce the potential for fiber release:

1. Sprayed-Applied Fireproofing
  - a) Identify the materials and post warning signs on the laid-in or glued-in ceiling tile. If the decking is not covered, place the sign on the wall.
  - b) Maintain the materials in intact state and undamaged condition. During winter, pigeons, squirrels and other rodents tend to roost in boiler/machine rooms and dislodge sprayed-applied fireproofing on the decking. Prevent such possibilities.
  - c) Prevent water leakage. If the material is significantly damaged, removal is the best option. For minor damage, enclosure is a temporary solution. Encapsulation of damaged sprayed-on fireproofing material is not recommended.
  - d) Train the custodial people who are responsible for care and maintenance of surfacing materials. Please note that the repair/removal can only be performed by a licensed abatement contractor.
  
2. Ceiling and Wall Plasters
  - a) Identify the materials and post asbestos warning signs.
  - b) Maintain the materials in intact state and undamaged condition. Avoid storing/stacking on/near the materials to reduce contact damage.
  - c) Prevent water leakage. If the material is significantly damaged, removal is the best option. For minor damage, repair or enclosure is a temporary solution.
  - d) Train the custodial people who are responsible for care and maintenance of surfacing materials.

### B. Thermal System Insulation (TSI)

“Thermal System Insulation (TSI)” means insulating materials applied to pipes, pipe fittings, boilers, breechings, tanks, ducts, or other components to prevent process heat loss or gain, water condensation, or for other purposes (e.g., fire door insulation core).

TSI are generally considered friable ACBM. This means they can be easily damaged, increasing the potential for fiber release. When properly implemented, the following procedures will reduce the potential for fiber release:

1. Boiler and Breeching Insulation
  - a) Identify the locations and label the boiler. Warning signs should be posted outside the boiler room.
  - b) Reduce the likelihood of fiber release by ensuring that the insulation is not damaged. Avoid storing/stacking on/near the boiler to reduce contact damage.
  - c) Maintain the insulation in intact state and undamaged condition. Repair damaged areas as soon as possible to prevent further deterioration. If repair is not feasible due to extensive damage/deterioration, remove the material.
  - d) Train the custodial people who are responsible for care and maintenance of TSI. Please note that the repair/removal can only be performed by a licensed abatement contractor.
  
2. Pipe, Pipe Fitting, Tank, Duct & Breeching Insulations
  - a) Identify the locations and label the materials. Warning signs should be posted outside of rooms that have TSI materials.
  - b) Reduce the likelihood of fiber release by ensuring that the materials are not damaged. Avoid storing/stacking near the materials to reduce contact damage.
  - c) Maintain all TSI materials in intact state and undamaged condition. Inspect the protective jackets for damage. Repair damaged areas as soon as possible to prevent further deterioration. If repair is not feasible due to extensive damage/deterioration, remove the material.
  - d) Train the custodial people who are responsible for care and maintenance of TSI. Please note that the repair/removal can only be performed by a licensed abatement contractor.

## **C. Miscellaneous Materials**

“Miscellaneous Materials” are the other ACBM in a school building that are not categorized as Surfacing Materials or TSI. These include floor tiles, floor tile and carpet mastics, gypsum wallboard and joint compound, ceiling tiles, glue daubs, asbestos cement panels, cove base and associated glue, window/door caulking and glazing compounds, etc. The following maintenance procedures are recommended for these materials:

1. Vinyl Asbestos Floor Tiles (VAT)

Vinyl Asbestos Floor Tiles (VAT) are considered non-friable, however routine maintenance procedures such as spray-buffing, burnishing, wet scrubbing, and stripping can generate asbestos fibers. Following procedures, when properly implemented, will reduce the potential of fiber release:

- a) Do not sand, grind, or abrade the tiles. Stripping of VAT should be done as infrequently as possible. When stripping becomes necessary, follow the appropriate work practices. Never perform dry stripping.
- b) During spray-buffing or burnishing the floor, operate the machine at the lowest workable speed and use the least abrasive pad. Use a wet mop for routine cleaning whenever possible.
- c) Routinely check whether chair and desk glides are in good condition and replace when necessary. Worn glides can gouge the floor and cause fiber release.
- d) Place carpets/floor mats in all entrances to reduce abrasion of floor tiles by sand and pebbles. During winter, have parking lots and walkways swept to the extent possible to avoid the tracking of salt and ice-melting compounds into the school by the students.
- e) Train the custodial people who are responsible for care and maintenance of VAT. Please note that the repair/removal can only be performed by a licensed abatement contractor.

2. Wallboard and Joint Compound Assembly

- a) Since a number of different homogeneous assemblies may exist in a building, sheetrock/joint compound must be assumed to be ACM unless sample results prove otherwise. If any specific areas are going to be disturbed, samples of the material in that area should be collected and analyzed.
- b) Reduce the likelihood of fiber release by avoiding cutting or drilling holes through the sheetrock panels.

3. Ceiling Tile and Glue Daubs

- a) Reduce the likelihood of fiber release by limiting access to the space above the ceiling tiles. Maintain the ceiling tiles in undamaged condition. Replace any damaged or water-stained tile.
- b) If the ceiling tiles are non-asbestos, collect samples and analyze the glue daubs to identify asbestos-content before disturbing the tiles.

4. Asbestos Cement Panels, Window/Door Caulking and Glazing Compounds

- a) Maintain asbestos cement panels and window/door caulking and glazing compounds in undamaged condition.

5. Carpet Glue, Blackboard/Tack Board Glue, Floor Tile Mastic, Cove Base, and Mastic

- a) Reduce the likelihood of fiber release by leaving materials in place.
- b) Maintain materials in good condition. Collect samples and analyze to identify asbestos-content before disturbing.

## **Appendix G**

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### Asbestos Inspector and Management Planner State Licenses and EPA Accreditations

Dear BENJAMIN L SILVERMAN,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308

(860) 509-7603  
opl.c.dph@ct.gov  
www.ct.gov/dph/license

Sincerely,



RENÉE D. COLEMAN-MITCHELL, MPH, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

**EMPLOYER'S COPY**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
NAME  
BENJAMIN L SILVERMAN  
VALIDATION NO. 03-768866      CERTIFICATE NO. 000349      CURRENT THROUGH 08/31/20  
PROFESSION  
ASBESTOS CONSULTANT-INSP/MGMT PLANNER  
SIGNATURE:         
COMMISSIONER

**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

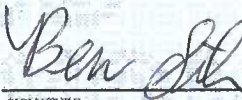
ASBESTOS CONSULTANT-INSP/MGMT PLANNER

BENJAMIN L SILVERMAN

CERTIFICATE NO.  
000349

CURRENT THROUGH  
08/31/20

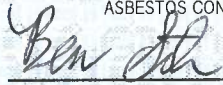
VALIDATION NO.  
03-768866

  
SIGNATURE

  
COMMISSIONER

**INSTRUCTIONS:**

1. Detach and sign each of the cards on this form
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

**WALLET CARD**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
NAME  
BENJAMIN L SILVERMAN  
VALIDATION NO. 03-768866      CERTIFICATE NO. 000349      CURRENT THROUGH 08/31/20  
PROFESSION  
ASBESTOS CONSULTANT-INSP/MGMT PLANNER  
SIGNATURE:         
COMMISSIONER

# Certificate of Training

Awarded to

**BEN SILVERMAN**

*For successful completion of an 8 Hour, 1 Day*

**Asbestos Inspector & Management Planner  
Annual Refresher Training**

**JANUARY 22, 2020**

This training was approved and given in accordance with

Regulations for Connecticut State Agencies

RCSA 20-440 - 1-9 and RCSA 20-441 and meets the

requirements of the EPA Revised MAP under TSCA Title II of 4/4/94

*Presented by*

**Mystic Air Quality Consultants, Inc.**

**1204 North Road, Groton, CT 06340 (800) 247-7746**

Certificate Number: IMPR27986

Exam Grade: 97

Expiration Date: 01/22/2021



**Christopher J. Eident, CIH, CSP, RS**



**George Williamson, Training Director**

Richard Haffey, Training Director