

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

**for
Middlebrook Elementary School**

**For Compliance with
State of Connecticut Department of Public Health
Asbestos-Containing Materials 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)**

**Trumbull Public Schools
Trumbull, Connecticut**

June 2024



59 Elm Street - Suite 500
New Haven, CT 06510

June 11, 2024

Mr. David P. Cote, PE.
Director of Operations
Trumbull Public Schools
220 Middlebrook Avenue
Trumbull, CT 06611

RE: Three-Year AHERA Asbestos Re-Inspection and Management Plan Update
Re-Inspection Date: April 10, 2024
Middlebrook Elementary School
220 Middlebrook Avenue, Trumbull, CT.
Fuss & O'Neill Project No. 20201149.A30

Dear Mr. Cote:

Enclosed is the three-year AHERA Asbestos Re-Inspection and Asbestos Management Plan (AMP) Update report prepared by Fuss & O'Neill, Inc. at the Middlebrook Elementary School located at 220 Middlebrook Avenue in Trumbull, Connecticut (the "Site"). The inspection was performed for the Trumbull 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 AMPs 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

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.

1.2 Local Education Agency (LEA) Responsibilities

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 the asbestos management plans (AMPs) 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 AMPs for the school buildings.
4. The LEA must ensure proper accreditations for all persons who perform asbestos inspections, asbestos re-inspections, develop/update AMPs, 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 AMP implementation, in all school buildings that it leases, owns, or otherwise uses that contain ACBM or presumed ACBM.
9. The LEA must ensure that once every three years, after an AMP 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.

1.3 Accreditation

- A. LEA: Trumbull Public Schools
 Address: 220 Middlebrook Avenue
 Trumbull, CT
 Phone: (203) 452-4300
- B. Designated Person: Mr. David P. Cote, PE.
 Address: 220 Middlebrook Avenue
 Trumbull, CT
 Phone: (203) 452-4300
- C. Asbestos Consultant:

 Firm: Fuss & O'Neill, Inc.
 Address: 59 Elm Street – Suite 500
 New Haven, CT
 Phone: (203) 374-3748
 Fax: (860) 533-5143
- D. Asbestos Inspector:

 Inspector: Sandra L. Guzman
 CTDPH License #: 000335
 Expiration Date: 08/31/2024

E. Asbestos Inspector/Management Planner:

Planner:	Eduardo Miguel Marques
CTDPH License #:	000201
Expiration:	02/28/2025

2 Building and Mechanical System Description

The original Middlebrook Elementary School is a two-story building and was reportedly constructed in 1955. The building originally served as the Trumbull High School. The building contains approximately 65,000 square feet (SF) of total floor area. The building is heated by gas-fired hot water and rooftop heating, ventilation and air conditioning (HVAC) units. According to the Client, there have been multiple floor tile replacement projects which occurred since 2015.

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 April 10, 2024, Fuss & O'Neill, Inc. (Fuss & O'Neill) representatives Ms. Sandra Guzman 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

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 AMPs 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 identifying 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. No new materials were included in the current re-inspection report therefore Form 1B is not included.

The third EPA form, **Re-Inspection Form 2**, was used to provide information and justification regarding re-assessment of the ACBM (see *Appendix C*). 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 Middlebrook Elementary School 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

Material	Location	Reference	Asbestos Content
Dark Blue 12"x12" Floor Tile & associated Adhesive	Rooms A2, A5, A6, B1, B3, D3 - D6	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Beige with Tan 12" x 12" Floor Tile & associated Adhesive	Rooms A3, A9 - A16, B2, B4 - B7, B14, C3, C5, D1, D2, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Cafeteria, Storage Room by Room D3, Stage landings, Ms. Levasseur and Ms. Hollow's Office	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Gray 12" x 12" Floor Tile & associated Adhesive	Room D7, D8, Library (Media Center), Faculty Lounge	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Dark Green 12"x12" Floor Tile & associated Adhesive	Rooms A7, A8, C6	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Dark Red with White 12"x12" Floor Tile & associated Adhesive	Rooms A4, C2, C7	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Taupe 12"x12" Floor Tile & associated Adhesive	Rooms C1, C4, C8	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Red and Green 12"x12" Floor Tiles & associated Adhesive	A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
White with Gray, Green and Pink Dots Sheet Flooring & associated Adhesive	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Cafeteria Sprinkler Service Room	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Red with White Streaks 9"x9" Floor Tile & associated Adhesive	Room C10	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed

Material	Location	Reference	Asbestos Content
White with Green Sheet Flooring & associated Adhesive	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Sprinkler Room, Second Floor, and Work Room	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Cream with Black Specks 12"x12" Floor Tile & associated Adhesive	Stairway #2 Landing	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Green Rubber Flooring & associated Adhesive	Stairways	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Carpet Adhesive	Administration Offices, Library, Psychologist, Social Worker, Principal Assistant, Custodial Office, Faculty Room, A Wing Conference Room, and Room A15	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Thinset Mortar & Grout associated with Ceramic Tiles (multiple shapes and colors)	Boys' Bathrooms, Girls Bathrooms, Faculty Bathrooms, Cafeteria Wall, Hallways by Classroom and Stage Entrance Walls, Kitchen Laundry, Stairways and lower-level D-Wing and A-Wing Windowsills	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Blue 4" Cove Base Molding & associated Adhesive	Rooms A2, A5, A6, A15, A10, B1, B3, D3 - D6, 1 st Floor Work Room,	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Black 4" Cove Base Molding & associated Adhesive	Rooms A4, A13, C3, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, and Ms. Hollow's Office	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Cream 4" Cove Base Molding & associated Adhesive	Rooms A3, A11, A12, A14, A16, B5, B7, D1, D2, and Cafeteria	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
2 'x 4' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Rooms B1, B2, B4, B6, B7, C4, C7, C8, Boys Bathrooms, Girls Bathrooms, Faculty Bathrooms	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
2 'x 2' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Rooms A6 - A8, B3, B5, C3, C5, D1 - D7, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Nurse's Office, Media Center, and TLC	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
1'x1' Splined Ceiling Tiles	Rooms A8, C1, C2, C4, C6	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Adhesives associated with Chalkboard and Tack Board	Rooms A2- A7, B1 - B12 (identified as B8 on floor plans), C1 - C8, D1 - D6	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
White Sink Undercoating	Faculty Lounge	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Black Sink Undercoating	Rooms A3, A5, A9, A10	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Gray Sink Undercoating	Rooms A2, A6, A7, A8, A18, B8, B12, D1, D3, D6, Nurse's Office, Library (Media Center) Office, Art Room, Work Room, and TLC	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed

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

4.3 Newly Identified or Re-sampled ACM Materials

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

- Light Green 12" x 12" Floor Tile & associated Adhesive;
- Brown Terrazzo Floor;
- Purple 4" Cove Base Molding & associated Adhesive;
- Dark Green 4" Cove Base Molding & associated Adhesive;
- Brown 4" Cove Base Molding & associated Adhesive;
- Dark Gray 4" Cove Base Molding;
- Gypsum Board and Joint Compound ;
- 1 'x 1' Homasote Acoustic Wall Panel;
- Wall Panel Adhesive;
- Fiber Glass Wall Panel Adhesive;
- Plaster Ceiling and Wall;
- Black Countertop;
- Light Fixture Wiring;
- Pipe Fitting Insulation;
- Brown Duct Insulation;
- Interior Window Glazing Compound;
- Black Paper on Concrete Ceiling Deck;
- Black Windowsill;
- Beige, Brown, Blue, Linoleum Sheet Countertop and Above Cabinets;
- White Windowsill and Adhesive; and
- Blue; Green; Formica Windowsill and Adhesive.

The above-listed materials may have been recently installed. If the materials have been recently installed, the Client may obtain a letter from an Architect for renovations conducted at the Site, a Safety Data Sheet (SDS) for the product or a letter from the material manufacturer stating asbestos was not used in the manufacturing of the product. Alternatively, the material may be sampled to determine potential asbestos content. If this information cannot be obtained, this material will be quantified and included in the AMP during the next triennial update.

AHERA regulations pertain to interior identified or assumed ACM and limited exterior ACM. AHERA regulations do include ACM 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 AMP as a non-ACM should be assumed to contain asbestos unless sample results indicate otherwise.

Additional Information:

- Asbestos-containing 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).

4.4 Physical Assessment of ACBM

During the 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 - Not Applicable
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.

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 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 D* for the sample Periodic Surveillance Form that may be used for conducting periodic surveillance.

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 E* for preventive measures designed for various types of ACBM that may exist in the school.

5.4 Abatement (Removal) Cost Estimates

At the time of the April 10, 2024, re-inspection, no materials were observed to be damaged (other than O&M repairs); therefore, estimated abatement cost have not been provided.

6 EPA Accreditation Requirements

The EPA accreditations and the CTDPH Asbestos Inspector licenses for Sandra Guzman and Eduardo Miguel Marques are provided in *Appendix F*.

Report prepared by Environmental Analyst I, Sandra Guzman.

Reviewed by:



Eduardo Miguel Marques
Senior Environmental Analyst



Kathleen C. Pane
Associate | Department Manager

Appendix A

Existing Records Checklist

Existing Records Checklist

Local Education Agency (LEA): Trumbull Public Schools
6254 Main Street
Trumbull, CT 06611

School Building: Middlebrook Elementary School,
220 Middlebrook Avenue, Trumbull, CT 06611

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 a three-year Re-Inspection.

DOCUMENTATION		LOCATION	
		School	LEA Office
1	Original AHERA Operations and Maintenance Plan/Inspection Report	No	No
2	Three Year Re-Inspection (First and All Subsequent Inspections)	No	Limited
3	Parents and Teachers Notifications (Annually Since Last Re-Inspection)	No	Yes
4	Designated Person Identification and Proper Training (Person Must Be Named and Have Appropriate Training)	No	-
5	Designated Person Periodic Surveillance (Once Every Six Months)	No	Yes
6	Maintenance Staff Awareness Training Records	No	Yes
7	Outside Vendor Awareness Notification	No	Yes
8	Asbestos Warning Signs and Labels (Required Posting in Boiler Rooms and Mechanical Spaces Only)	No	NA
9	Response Action Records (Includes Any Abatement Conducted Since Last 3-Year Re-Inspection)	No	Yes

Comments: **"No"** indicate not present/available at the time of this inspection. LEA office found to contain only limited records of 3-year re-inspection, 6-month surveillance and response actions conducted from 2015 to present.

Inspector (LEA Office): Sandra Guzman

Date: April 8, 2024

Inspector (School): Sandra Guzman

Date: April 10, 2024

Appendix B

Re-Inspection Form 1A

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

Page 1 of 5

School: Middlebrook Elementary School

Date(s) of Original AHERA Inspection: Unknown

Address: 220 Middlebrook Avenue, Trumbull, CT

Date(s) of Re-Inspection: 2015, 2021, 2024

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
N/A	Assumed	Dark Blue 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms A2, A5, A6, B1, B3, D3 - D6	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Beige with Tan 12" x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms A3, A9 - A16, B2, B4 - B7, B14, C3, C5, D1, D2, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Cafeteria, Storage Room by Room D3, Stage landings, Ms. Levasseur and Ms. Hollow's Office	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Gray 12" x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Room D7, D8, Library (Media Center), Faculty Lounge	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Dark Green 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms A7, A8, C6	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Dark Red with White 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms A4, C2, C7	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Taupe 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms C1, C4, C8	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance

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

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School: Middlebrook Elementary School

Date(s) of Original AHERA Inspection: Unknown

Address: 220 Middlebrook Avenue, Trumbull, CT

Date(s) of Re-Inspection: 2015, 2021, 2024

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
N/A	Assumed	Red and Green 12"x12" Floor Tiles & associated Adhesive	Misc.	NF	5	A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White with Gray, Green and Pink Dots Sheet Flooring & associated Adhesive	Misc.	NF	5	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Cafeteria Sprinkler Service Room	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Red with White Streaks 9"x9" Floor Tile & associated Adhesive	Misc.	NF	5	Room C10	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White with Green Sheet Flooring & associated Adhesive	Misc.	NF	5	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Sprinkler Room, Second Floor, and Work Room	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Cream with Black Specks 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Stairway #2 Landing	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Green Rubber Flooring & associated Adhesive	Misc.	NF	5	Stairways	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Carpet Adhesive	Misc.	NF	5	Administration Offices, Library, Psychologist, Social Worker, Principal Assistant, Custodial Office, Faculty	Maintain under O & M Plan, recommend sampling to

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

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School: Middlebrook Elementary School

Date(s) of Original AHERA Inspection: Unknown

Address: 220 Middlebrook Avenue, Trumbull, CT

Date(s) of Re-Inspection: 2015, 2021, 2024

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
						Room, A Wing Conference Room, and Room A15	determine asbestos content prior to disturbance
N/A	Assumed	Thinset Mortar & Grout associated with Ceramic Tiles (multiple shapes and colors)	Misc.	NF	5	Boys Bathrooms, Girls Bathrooms, Faculty Bathrooms, Cafeteria Wall, Hallways by Classroom and Stage Entrance Walls, Kitchen Laundry, Stairways and Lower-Level D-Wing and A-Wing Windowsills	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Blue 4" Cove Base Molding & associated Adhesive	Misc.	NF	5	Rooms A2, A5, A6, A15, A10, B1, B3, D3 - D6, 1 st Floor Work Room	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Black 4" Cove Base Molding & associated Adhesive	Misc.	NF	5	Rooms A4, A13, C3, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, and Ms. Hollow's Office	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Cream 4" Cove Base Molding & associated Adhesive	Misc.	NF	5	Rooms A3, A11, A12, A14, A16, B5, B7, D1, D2, and Cafeteria	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	2 'x 4' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Misc.	NF	5	Rooms B1, B2, B4, B6, B7, C4, C7, C8, Boys Bathrooms, Girls Bathrooms, Faculty Bathrooms	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance

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

Page 4 of 5

School: Middlebrook Elementary School

Date(s) of Original AHERA Inspection: Unknown

Address: 220 Middlebrook Avenue, Trumbull, CT

Date(s) of Re-Inspection: 2015, 2021, 2024

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
N/A	Assumed	2 'x 2' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Misc.	NF	5	Rooms A6 - A8, B3, B5, C3, C5, D1 - D7, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Nurse's Office, Media Center, and TLC	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	1'x1' Splined Ceiling Tiles	Misc.	NF	5	Rooms A8, C1, C2, C4, C6	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Adhesives associated with Chalkboard and Tack Board	Misc.	NF	5	Rooms A2- A7, B1 - B12 (identified as B8 on floor plans), C1 - C8, D1 - D6	Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White Sink Undercoating	Misc.	NF	5	Faculty Lounge	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACBM Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Black Sink Undercoating	Misc.	NF	5	Rooms A3, A5, A9, A10	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACBM Maintain under O & M Plan, recommend sampling to

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

Page 5 of 5

School: Middlebrook Elementary School

Date(s) of Original AHERA Inspection: Unknown

Address: 220 Middlebrook Avenue, Trumbull, CT

Date(s) of Re-Inspection: 2015, 2021, 2024

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
							determine asbestos content prior to disturbance
N/A	Assumed	Gray Sink Undercoating	Misc.	NF	5	Rooms A2, A6, A7, A8, A18, B8, B12, D1, D3, D6, Nurse's Office, Library (Media Center) Office, Art Room, Work Room, and TLC	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACM Maintain under O & M Plan, recommend sampling to determine asbestos content prior to disturbance

Information abstracted by: Sandra Guzman

Date: April 10, 2024

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

Re-Inspection Form 2



Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations

Page 1 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Dark Blue 12"x12" Floor Tile & 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
Rooms A2, A5, A6, B1, B3, D3 - D6	NF	3,600 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations

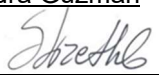

Page 2 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Beige with Tan 12" x 12" Floor Tile & 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
Rooms A3, A9 - A16, B2, B4 - B7, B14, C3, C5, D1, D2, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Cafeteria, Storage Room by Room D3, Stage landings, Ms. Levasseur and Ms. Hollow's Office	NF	10,000 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 3 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Gray 12" x 12" Floor Tile & 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
Room D7, D8, Library (Media Center), Faculty Lounge	NF	1,000 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						



Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations

Page 4 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Dark Green 12"x12" Floor Tile & 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
Rooms A7, A8, C6	NF	1,200 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 5 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Dark Red with White 12"x12" Floor Tile & 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
Rooms A4, C2, C7	NF	1,200 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 6 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Taupe 12"x12" Floor Tile & 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
Rooms C1, C4, C8	NF	1,000 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 7 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Red and Green 12"x12" Floor Tiles & 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
A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway	NF	Not Quantified (part of pattern in Hallways with White with Tan Floor Tile)	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 8 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: White with Gray, Green and Pink Dots Sheet Flooring & 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
Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Cafeteria Sprinkler Service Room	NF	1,200 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACM: Findings and Management Planner Recommendations



Page 9 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Red with White Streaks 9"x9" Floor Tile & 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
Room C10	NF	120 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 10 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: White with Green Sheet Flooring & 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
Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Sprinkler Room, Second Floor and Work Room	NF	600 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 11 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Cream with Black Specks 12"x12" Floor Tile & 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
Stairway #2 Landing	NF	100 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 12 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Green Rubber Flooring & 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
Stairways	NF	800 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 13 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Carpet 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
Administration Offices, Library, Psychologist, Social Worker, Principal Assistant, Custodial Office, Faculty Room, A Wing Conference Room, and Room A15	NF	2,800 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



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School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Thinset Mortar & Grout associated with Ceramic Tiles (multiple shapes and colors)

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
Boys Bathrooms, Girls Bathrooms, Faculty Bathrooms, Cafeteria Wall, Hallways by Classroom and Stage Entrance Walls, Kitchen Laundry, Stairways and Lower-Level D-Wing and A-Wing Windowsills	NF	2,800 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						



Re-Inspection Form 2. Re-Inspection of ACM: Findings and Management Planner Recommendations

Page 15 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Blue 4" Cove Base Molding & 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
Rooms A2, A5, A6, A15, A10, B1, B3, D3 - D6, 1 st Floor Work Room	NF	300 LF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						



Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations

Page 16 of 24

 School: Middlebrook Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Black 4" Cove Base Molding & 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
Rooms A4, A13, C3, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, and Ms. Hollow's Office	NF	1300 LF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						



Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations

Page 17 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Cream 4" Cove Base Molding & 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
Rooms A3, A11, A12, A14, A16, B5, B7, D1, D2 and Cafeteria	NF	1500 LF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 18 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: 2 'x 4' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)

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
Rooms B1, B2, B4, B6, B7, C4, C7, C8, Boys Bathrooms, Girl's Bathrooms, Faculty Bathrooms	NF	6,600 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 19 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: 2 'x 2' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)

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
Rooms A6 - A8, B3, B5, C3, C5, D1 - D7, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Nurse's Office, Media Center, and TLC	NF	10,000 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (<u>No</u>)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACM: Findings and Management Planner Recommendations



Page 20 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: 1'x1' Splined 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
Adhesives associated with Chalkboard and Tack Board	NF	800 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 21 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Adhesives associated with Chalkboard and Tack Board

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
Rooms A2- A7, B1 - B12 (identified as B8 on floor plans), C1 - C8, D1 - D6	NF	1,300 SF	5	ACBM with Potential for Damage	Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 22 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: White Sink Undercoating

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
Faculty Lounge	NF	1 EA	5	ACBM with Potential for Damage	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACM. Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 23 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Black Sink Undercoating

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
Rooms A3, A5, A9, A10	NF	5 EA	5	ACBM with Potential for Damage	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACM. Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Re-Inspection Form 2. Re-Inspection of ACBM: Findings and Management Planner Recommendations



Page 24 of 24

School: Middlebrook Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Gray Sink Undercoating

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
Rooms A2, A6, A7, A8, A18, B8, B12, D1, D3, D6, Nurse's Office, Library (Media Center) Office, Art Room, Work Room, and TLC	NF	15 EA	5	ACBM with Potential for Damage	Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACM. Maintain under O & M Plan. Recommend sampling to determine asbestos content prior to disturbance	On-going
Were additional samples of this ACBM collected? <u>(No)</u>					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u> Inspector Signature: <u></u> Accreditation #/State: <u>000335</u> Expiration Date: <u>08/31/2024</u>					Management Planner Name: <u>Eduardo Miguel Marques</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000201</u> Expiration Date: <u>02/28/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Appendix D

Sample 6-Month Periodic Surveillance Form

Sample 6- Month Periodic Surveillance Form

Local Education Agency (LEA): Trumbull Public Schools

Facility Address: Middlebrook Elementary School, 220 Middlebrook Avenue, Trumbull, 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
Dark Blue 12"x12" Floor Tile & associated Adhesive	Rooms A2, A5, A6, B1, B3, D3 - D6					
Beige with Tan 12" x 12" Floor Tile & associated Adhesive	Rooms A3, A9 - A16, B2, B4 - B7, B14, C3, C5, D1, D2, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Cafeteria, Storage Room by Room D3, Stage landings, Ms. Levasseur and Ms. Hollow's Office					
Gray 12" x 12" Floor Tile & associated Adhesive	Room D7, D8, Library (Media Center), Faculty Lounge					
Dark Green 12"x12" Floor Tile & associated Adhesive	Rooms A7, A8, C6					
Dark Red with White 12"x12" Floor Tile & associated Adhesive	Rooms A4, C2, C7					
Taupe 12"x12" Floor Tile & associated Adhesive	Rooms C1, C4, C8					

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Red and Green 12"x12" Floor Tiles & associated Adhesive	A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway					
White with Gray, Green and Pink Dots Sheet Flooring & associated Adhesive	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Cafeteria Sprinkler Service Room					
Red with White Streaks 9"x9" Floor Tile & associated Adhesive	Room C10					
White with Green Sheet Flooring & associated Adhesive	Art Room B12 (identified as B8 on floor plans), Library Office, Nurse's Office, Sprinkler Room, Second Floor, and Work Room					
Cream with Black Specks 12"x12" Floor Tile & associated Adhesive	Stairway #2 Landing					
Green Rubber Flooring & associated Adhesive	Stairways					
Carpet Adhesive	Administration Offices, Library, Psychologist, Social Worker, Principal Assistant, Custodial Office, Faculty Room, A Wing Conference Room, and Room A15					
Thinset Mortar & Grout associated with Ceramic Tiles (multiple shapes and colors)	Boys' Bathrooms, Girls Bathrooms, Faculty Bathrooms, Cafeteria Wall, Hallways by Classroom and Stage Entrance Walls, Kitchen					

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
	Laundry, Stairways and lower-level D-Wing and A-Wing Windowsills					
Blue 4" Cove Base Molding & associated Adhesive	Rooms A2, A5, A6, A15, A10, B1, B3, D3 - D6, 1 st Floor Work Room					
Black 4" Cove Base Molding & associated Adhesive	Rooms A4, A13, C3, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, and Ms. Hollow's Office					
Cream 4" Cove Base Molding & associated Adhesive	Rooms A3, A11, A12, A14, A16, B5, B7, D1, D2 and Cafeteria					
2 'x 4' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Rooms B1, B2, B4, B6, B7, C4, C7, C8, Boys Bathrooms, Girls Bathrooms, Faculty Bathrooms					
2 'x 2' Suspended Ceiling Tiles (Multiple types: slots with pinholes, pinholes)	Rooms A6 - A8, B3, B5, C3, C5, D1 - D7, A-Wing Hallway, B-Wing Hallway, C-Wing Hallway, D-Wing Hallway, Nurse's Office, Media Center and TLC					
1'x1' Splined Ceiling Tiles	Rooms A8, C1, C2, C4, C6					
Adhesives associated with Chalkboard and Tack Board	Rooms A2- A7, B1 - B12 (identified as B8 on floor plans), C1 - C8, D1 - D6					
White Sink Undercoating	Faculty Lounge					Not Regulated by AHERA; For Informational Purposes

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
						Only. Material Must Be Managed/Disposed of as ACBM
Black Sink Undercoating	Rooms A3, A5, A9, A10					Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACBM
Gray Sink Undercoating	Rooms A2, A6, A7, A8, A18, B8, B12, D1, D3, D6, Nurse's Office, Library (Media Center) Office, Art Room, Work Room, and TLC					Not Regulated by AHERA; For Informational Purposes Only. Material Must Be Managed/Disposed of as ACBM

Conditions: D = Damaged; F = Fair; G = Good; IA = Inaccessible; N/A = Not Applicable; SD = Significant Damage; SF = Square Feet

Surveillance conducted by: _____
 (print name) (signature)

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

Date: _____

Appendix E

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 an 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 tiles.
- 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 F

Asbestos Inspector and Management Planner State Licenses and EPA Accreditations

1000418-0000422-0000001 of 0000001-C01-a1d00101-1264-00420

Dear SANDRA L GUZMAN,

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
oplc.dph@ct.gov
www.ct.gov/dph/license

Sincerely,



MANISHA JUTHANI, MD, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

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

SANDRA L GUZMAN

CERTIFICATE NO.
000335

CURRENT THROUGH
08/31/24

VALIDATION NO.
03-055356


SIGNATURE
COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME

SANDRA L GUZMAN

VALIDATION NO.
03-055356

CERTIFICATE NO.
000335

CURRENT THROUGH
08/31/24

PROFESSION

ASBESTOS CONSULTANT-INSP/MGMT PLANNER


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

SANDRA L GUZMAN

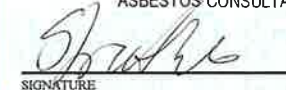
VALIDATION NO.
03-055356

CERTIFICATE NO.
000335

CURRENT THROUGH
08/31/24

PROFESSION

ASBESTOS CONSULTANT-INSP/MGMT PLANNER


SIGNATURE
COMMISSIONER

1000218-0000222-0000001 of 0000001-C01-a1d00101-0564-00220

Dear EDUARDO M. MARQUES,

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:


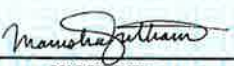
Department of Public Health
P.O. Box 340308
M.S.#12MQA
Hartford, CT 06134-0308



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

Sincerely,




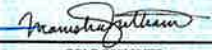
MANISHA JUTHANI, MD, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

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	
EDUARDO M. MARQUES	CERTIFICATE NO. 000201
	CURRENT THROUGH 02/28/25
	VALIDATION NO. 03-083603
 SIGNATURE	 COMMISSIONER

EMPLOYER'S COPY STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH		
NAME EDUARDO M. MARQUES		
VALIDATION NO. 03-083603	CERTIFICATE NO. 000201	CURRENT THROUGH 02/28/25
PROFESSION ASBESTOS CONSULTANT-INSP/MGMT PLANNER		
 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 EDUARDO M. MARQUES		
VALIDATION NO. 03-083603	CERTIFICATE NO. 000201	CURRENT THROUGH 02/28/25
PROFESSION ASBESTOS CONSULTANT-INSP/MGMT PLANNER		
 SIGNATURE	 COMMISSIONER	



CERTIFICATE OF ACHIEVEMENT

This certifies that

Eduardo Miguel Marques

has successfully completed the
8 Hour Asbestos Site Inspector/Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

Course training provided
via Live Webinar

Exam Score: 92%

conducted by:
ATLAS Technical Consultants, LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070



A handwritten signature in dark ink, appearing to read "Thomas Dion".

Principal Instructor: Thomas Dion

May 23, 2024
Date of Course

May 23, 2025
Expiration Date

A handwritten signature in dark ink, appearing to read "Gregory J. Morsch".

Regional Training Director: Gregory Morsch

MPAR-3619
Certificate Number

May 23, 2024
Examination Date