

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

**for  
Jane Ryan 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  
190 Park Lane  
Trumbull, CT 06611

**RE: Three-Year AHERA Asbestos Re-Inspection and Management Plan Update**  
**Re-Inspection Date: April 9, 2024**  
**Jane Ryan Elementary School**  
**190 Park Lane, 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 Jane Ryan Elementary School located at 190 Park Lane 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: 190 Park Lane  
 Trumbull, CT  
 Phone: (203) 452-4300
- B. Designated Person: Mr. David P. Cote, PE.  
 Address: 190 Park Lane  
 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 Jane Ryan Elementary School is a one-story building and was reportedly constructed in 1955. The building contains approximately 50,000 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 information available from the Client, there have been multiple floor tile replacement projects which occurred since 2015. The building also had exterior windows and associated cementitious panels abated during the summer of 2019.

## 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 9, 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 Jane Ryan 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" x 12" Floor Tile & associated Adhesive	Rooms 1, 4, 5, 10C, 13, 15, 16, 16A, 16B, 16C	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
White with Gray 12"x 12" Floor Tile & associated Adhesive	Hallway by Rooms 16 A-D, and Room 16D	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Beige with Black Specks, Red, & Green 12"x12" Floor Tile & associated Adhesive (Checkerboard Pattern)	Hallways, Cafeteria, Room 9, Lower-Level Custodial Closet, Lower-Level Sprinkler Room, Office by Room 11	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Light Blue 12"x 12" Floor Tile & associated Adhesive	Rooms 2, 10A, 10B, Infilled in Hallway by Rooms 16A-D	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
White with Green 12"x 12" Floor Tile & associated Adhesive	Rooms 6, 8, 11	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
White with Red and Blue Streaks Sheet Flooring & associated Adhesive	Nurse's Office	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed

Material	Location	Reference	Asbestos Content
Carpet Adhesive	Administration Offices, Media Center, Conference Room, Vestibule by Room 24, Work Room, Security Office and Room 10C Corner Under the Desk	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Thinset Mortar & Grout associated with Ceramic Tile (multiple colors and sizes)	Girls and Boys Bathrooms, Faculty, Classroom, Nurse and Custodian Bathrooms	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Thinset Mortar & Grout associated with Quarry Tile	Kitchen, Kitchen Offices and Lavatories	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Blue 4" Cove Base Molding & associated Adhesive	Rooms 1, 2, 4, 5, 10A-10C, 13, 15, 16, 16A-D, Security Office, Hallway, Staff Room	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Pipe Insulation & Pipe Fitting Insulation	Sprinkler Room, Mechanical Room by Gym	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Black Sink Undercoating	Rooms 4, 5, 17 - 23	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Adhesives associated with Chalkboard and Tack Board	Rooms 1 – 20, Band Room	EnviroMed 2015 AHERA 3-Year Re-Inspection	Assumed
Black Damp-Proofing Paper Behind Brick	Exterior behind brick	Fuss & O'Neill May 30, 2018	75% Chrysotile

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)**

Material	Location	Reference
2' x 2' Ceiling Tiles – Two Types	Corridor Main Entrance and Room 5 Bathroom	Fuss & O'Neill Inspection Report May 2009 Samples 515KM17,18
Black Slate Windowsill and Associated Thinset	Rooms 7, and 9	Fuss & O'Neill Inspection Report May 2019 Samples 52419-01A-B and 02A-B

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 ACMB Materials**

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

- White with Brown Specks 12"x12" Floor Tile & associated Adhesive;
- Beige, Brown Specks 12" x 12" Floor Tile & associated Adhesive;
- 4' x 4' Rubber Carpet Adhesives;
- 12" x 12" Floor Tile & associated Adhesive;
- Light Blue, Green Specks 12" x 12" Floor Tile & associated Adhesive;
- 12" x 12" White with Pink and Blue Specks Floor Tile & associated Adhesive;
- Pink Sheet Flooring and associated Adhesive;
- 6" Black Cove Base Molding & associated Adhesive;
- 4" Gray Cove Base Molding & associated Adhesive;
- 4" Rubber Corner Baseboard Adhesive;
- 4" Red Wine Cove Base Molding & associated Adhesive;
- 4" Beige Cove Base Molding & associated Adhesive;
- 4" Green Cove Base Molding & associated Adhesive;
- 4" Black Cove Base Molding & associated Adhesive;
- Brown Interior Window Glazing Compound;
- 2' x 2' White Pin Hole Ceiling Tiles;
- 2' x 4' White Pin Hole Ceiling Tiles;
- 2' x 2' White Fissured Ceiling Tiles;
- 2' x 4' White Fissured Ceiling Tiles;
- Gray Cementitious Wall Panel;
- Gray Partition Walls;
- Black, Green, Orange, Blue, Pink, Green, Countertop and Adhesive;
- Pink Formica Countertop and Adhesive; and
- White Ceiling Seam Caulking.

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.

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

AHERA regulations pertain to interior identified or assumed ACMB and limited exterior ACMB. AHERA regulations do include ACMB 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-ACBM 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 -
  - 37 square feet of beige with black specks, red & green 12"x12" floor tiles are missing in the cafeteria and mastic is exposed under coolers and the area to stairway.
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

Costs for abatement (removal) of all ACBM in the building is as follows:

**Table 3**  
**Abatement Cost Estimates**

Material	Location	Quantity	Estimated Contractor Cost
Beige With Black Specks, Red, & Green 12"X12" Floor Tiles and Associated Adhesive	Cafeteria (mastic is exposed under coolers and the area to stairway)	37 SF	\$4,000


## 6 EPA Accreditation Requirements

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

Report prepared by Environmental Analyst I, Sandra Guzman.

Reviewed by:

  
Eduardo Miguel Marques  
Senior Environmental Analyst

  
Kathleen C. Pane  
Associate | Department Manage

## **Appendix A**

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### Existing Records Checklist

## Existing Records Checklist

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

School Building: Jane Ryan Elementary School,  
190 Park Lane, 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"** indicates 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. **"NA"** indicates not applicable.

Inspector (LEA Office): Sandra Guzman

Date: April 8, 2024

Inspector (School): Sandra Guzman

Date: April 9, 2024

## **Appendix B**

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### Re-Inspection Form 1A

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

Page 1 of 4

School: Jane Ryan Elementary School  
Address: 190 Park Lane, Trumbull, CT

Date(s) of Original Inspection: Unknown  
Date(s) of Subsequent Re-Inspections: 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" x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms 1, 4, 5, 10C, 13, 15, 16, 16A, 16B, 16C	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White with Gray 12"x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Hallway by Rooms 16 A-D, and Room 16D	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White with Brown Specks 12"x12" Floor Tile & associated Adhesive	Misc.	NF	5	Room 12, Student Services (Offices A-C)	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Beige with Black Specks, Red, & Green 12"x12" Floor Tile & associated Adhesive (Checkerboard Pattern)	Misc.	NF	5	Hallways, Cafeteria, Room 9, Lower-Level Custodial Closet, Lower-Level Sprinkler Room, Office by Room 11	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Light Blue 12"x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms 2, 10A, 10B, Infilled in Hallway by Rooms 16A-D	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance



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

Page 2 of 4

School: Jane Ryan Elementary School  
Address: 190 Park Lane, Trumbull, CT

Date(s) of Original Inspection: Unknown  
Date(s) of Subsequent Re-Inspections: 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	White with Green 12"x 12" Floor Tile & associated Adhesive	Misc.	NF	5	Rooms 6, 8, 11	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	White with Red and Blue Streaks Sheet Flooring & associated Adhesive	Misc.	NF	5	Nurse's Office	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Carpet Adhesive	Misc.	NF	5	Administration Offices, Media Center, Conference Room, Vestibule by Room 24, Work Room, Security Office and room 10C Corner Under the Desk	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Thinset Mortar & Grout associated with Ceramic Tile (multiple colors and sizes)	Misc.	NF	5	Girls and Boys Bathrooms, Faculty, Classroom, Nurse and Custodian Bathrooms	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Thinset Mortar & Grout associated with Quarry Tile	Misc.	NF	5	Kitchen, Kitchen Offices and Lavatories	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance

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

Page 3 of 4

School: Jane Ryan Elementary School  
Address: 190 Park Lane, Trumbull, CT

Date(s) of Original Inspection: Unknown  
Date(s) of Subsequent Re-Inspections: 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	Blue 4" Cove Base Molding & associated Adhesive	Misc.	NF	5	Rooms 1, 2, 4, 5, 10A-10C, 13, 15, 16, 16A-D, Security Office, Hallway, Staff Room,	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Pipe Insulation & Pipe Fitting Insulation	TSI	F	5	Sprinkler Room, Mechanical Room by Gym	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Black Sink Undercoating	Misc.	NF	5	Rooms 4, 5, 17 - 23	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
N/A	Assumed	Adhesives associated with Chalkboard and Tack Board	Misc.	NF	5	Rooms 1 – 20, Band Room	Maintain under O & M Plan; Recommend sampling to determine asbestos content prior to disturbance

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

Page 4 of 4

School: Jane Ryan Elementary School  
Address: 190 Park Lane, Trumbull, CT

Date(s) of Original Inspection: Unknown  
Date(s) of Subsequent Re-Inspections: 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					
JR0530J R11A-B	75% Chrysotile	Black Damp-proofing Paper Behind Brick	Misc.	NF	5	Exterior Behind Brick	1,500 SF was abated in the 2019 window replacement project. Maintain under O & M Plan

Information abstracted by: Sandra Guzman

Date: April 9, 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

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### Re-Inspection Form 2



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

Page 1 of 14

 School: Jane Ryan Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Dark Blue 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 1, 4, 5, 10C, 13, 15, 16, 16A, 16B, 16C	NF	4,000 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 ACMB 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 14

 School: Jane Ryan Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: White with 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
Hallway by Rooms 16 A-D, and Room 16D	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 3 of 14

School: Jane Ryan Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Beige with Black Specks, Red, & Green 12"x12" Floor Tile & associated Adhesive (Checkerboard Pattern)

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
Hallways, Cafeteria, Room 9, Lower-Level Custodial Closet, Lower-Level Sprinkler Room, Office by Room 11	NF	8,000 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 ACMB: Findings and Management Planner Recommendations

Page 4 of 14

School: Jane Ryan Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Light Blue 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 2, 10A, 10B, Infilled in Hallway by Rooms 16A-D	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 ACMB 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 ACMB: Findings and Management Planner Recommendations

Page 5 of 14

 School: Jane Ryan Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: White with Green 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 6, 8, 11	NF	400 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 ACMB 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 14

 School: Jane Ryan Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: White with Red and Blue Streaks 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
Nurse's Office	NF	400 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 7 of 14

 School: Jane Ryan 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, Media Center, Conference Room, Vestibule by Room 24, Work Room, Security Office and Room 10C Corner Under the Desk	NF	2,000 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 8 of 14

School: Jane Ryan Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Thinset Mortar & Grout associated with Ceramic Tile (multiple colors and sizes)

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, Kitchen Offices and Lavatories	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? (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 9 of 14

School: Jane Ryan 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 1, 2, 4, 5, 10A-10C, 13, 15, 16, 16A-D, Security Office, Hallway, Staff Room	NF	800 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 10 of 14

School: Jane Ryan Elementary School

Date of Re-Inspection: April 10, 2024

Homogeneous Material: Pipe Insulation & Pipe Fitting 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
Sprinkler Room, Mechanical Room by Gym	NF	100 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 11 of 14

School: Jane Ryan 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 4, 5, 17 - 23	NF	9 EA	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 12 of 14

School: Jane Ryan 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 1 – 20, Band Room	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 14

 School: Jane Ryan 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 1 – 20, Band Room	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 14 of 14

 School: Jane Ryan Elementary School

 Date of Re-Inspection: April 10, 2024

 Homogeneous Material: Black Damp-proofing Paper Behind Brick

 Sample ID Number: JR0530JR11A-B

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
Exterior Behind Brick	NF	10,000 SF	5	ACBM with Potential for Damage	1,500 SF was abated in the 2019 window replacement project. Maintain under O & M Plan	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**

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### Sample 6-Month Periodic Surveillance Form

### Sample 6- Month Periodic Surveillance Form

Local Education Agency (LEA): Trumbull Public Schools

Facility Address: Jane Ryan Elementary School, 190 Park Lane, 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" x 12" Floor Tile & associated Adhesive	Rooms 1, 4, 5, 10C, 13, 15, 16, 16A, 16B, 16C					
White with Gray 12"x 12" Floor Tile & associated Adhesive	Hallway by Rooms 16 A-D, and Room 16D					
White with Brown Specks 12"x12" Floor Tile & associated Adhesive	Room 12, Student Services (Offices A-C)					
Beige with Black Specks, Red, & Green 12"x12" Floor Tile & associated Adhesive (Checkerboard Pattern)	Hallways, Cafeteria, Room 9, Lower-Level Custodial Closet, Lower-Level Sprinkler Room, Office by Room 11					
Light Blue 12"x 12" Floor Tile & associated Adhesive	Rooms 2, 10A, 10B, Infilled in Hallway by Rooms 16A-D					
White with Green 12"x 12" Floor Tile & associated Adhesive	Rooms 6, 8,11					
White with Red and Blue Streaks Sheet Flooring & associated Adhesive	Nurse's Office					
Carpet Adhesive	Administration Offices, Media Center, Conference Room, Vestibule by Room 24, Work					

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
	Room, Security Office and room 10C Corner Under the Desk					
Thinset Mortar & Grout associated with Ceramic Tile (multiple colors and sizes)	Girls and Boys Bathrooms, Faculty, Classroom, Nurse and Custodian Bathrooms					
Thinset Mortar & Grout associated with Quarry Tile	Kitchen, Kitchen Offices and Lavatories					
Blue 4" Cove Base Molding & associated Adhesive	Rooms 1, 2, 4, 5, 10A-10C, 13, 15, 16, 16A-D, Security Office, Hallway, Staff Room,					
Pipe Insulation & Pipe Fitting Insulation	Sprinkler Room, Mechanical Room by Gym					
Black Sink Undercoating	Rooms 4, 5, 17 - 23					
Adhesives associated with Chalkboard and Tack Board	Rooms 1 – 20, Band Room					
Black Damp-Proofing Paper Behind Brick	Exterior Behind Brick					

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**

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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 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, 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 F**

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Asbestos Inspector and Management Planner State Licenses and EPA Accreditations

1000418-00000422-00000001 of 0000001-C01-a1d00101-1284-00420

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**

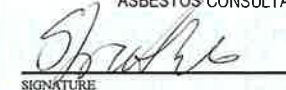
VALIDATION NO.  
**03-055356**

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:


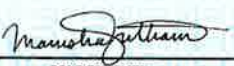
Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308



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

Sincerely,




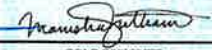
MANISHA JUTHANI, MD, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

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	
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:

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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