

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

**for
Holland Hill 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)**

**Fairfield Public Schools
Fairfield, Connecticut**

February 2025

February 8, 2025



59 Elm Street, Suite 500
New Haven, CT 06510
203.374.3748
www.fando.com

Mr. Angelus Papageorge
Executive Director of Operations
Fairfield Public Schools
501 Kings Highway East, Suite 210
Fairfield, CT 06825

RE: Three-Year AHERA Asbestos Re-Inspection and Management Plan Update
Re-Inspection Date: October 3, 2024
Fairfield Public Schools - Holland Hill Elementary School
105 Meadowcroft Road, Fairfield, CT.
Fuss & O'Neill Project No. 20190061.A70

Dear Mr. Papageorge:

Enclosed is the three-year Asbestos Hazard Emergency Response Act (AHERA) Asbestos Re-Inspection and Asbestos Management Plan (AMP) Update report prepared by Fuss & O'Neill, Inc. at the Holland Hill Elementary School located at 105 Meadowcroft Road, Fairfield, Connecticut (the "Site"). The inspection was performed for Fairfield 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,

A handwritten signature in blue ink, appearing to read 'Kathleen C. Pane'.

Kathleen C. Pane
Associate | Department Manager

Enclosure

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Three-Year Re-Inspection and Management Plan Update
Holland Hill Elementary School**

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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 contains 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. Local Education Agency (LEA):

LEA: Fairfield Public Schools
Address: 501 Kings Highway East, Suite 210
Fairfield, CT
Phone: (203) 255-8235
Fax: (203) 255-8246

B. Designated Person:

Designated Person: Mr. Angelus Papageorge
Address: 501 Kings Highway East, Suite 210
Fairfield, CT
Phone: (203) 255-8352
Fax: (203) 255-8246

C. Asbestos Consultant:

Firm: Fuss & O'Neill, Inc.
Address: 59 Elm Street, Suite 500
New Haven, CT 06510
Phone: (203) 374-3748
Fax: (860) 533-5143

D. Asbestos Inspector:

Inspector: Sandra Guzman
CTDPH License #: 000335

Expiration Date: 8/31/2025

E. Asbestos Management Planner:

Planner: Kathleen C Pane
CTDPH License #: 000200
Expiration: 04/30/2025

2 Building and Mechanical System Description

The original Holland Hill Elementary School is a one-story building constructed in 1955. A building addition was reportedly constructed in 1978. At one time, portable classrooms were located at the school. The portable classrooms were removed and/or demolished after the 2017 re-inspection conducted by AMC Environmental, LLC. The building is heated with gas-fired hot water, in addition with rooftop heating, ventilation, and air conditioning (HVAC) units. Extensive renovation and addition were finalized in 2021.

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 October 3, 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 identifies the last known conditions of ACM in the building. It additionally provides the inspector a “quick glance” reference when performing the re-inspection.

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

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

No bulk samples were collected during this re-inspection. Bulk samples were last collected in 2017 before renovation/addition project.

Asbestos Abatement of asbestos flooring materials, pipe insulation, window glazing, window caulking, and black-perimeter damp proofing were done in the Gymnasium, gym contiguous hallway, and bathrooms, classroom 15 to 18, 133 OT/PT, all purpose room, boiler room, kitchen and storages within the 2018-2021 building renovation/addition project.

Renovation of gymnasium, stage, all-purpose rooms, main office, rooms 15-20, storages and construction of room 135 – 125 occurred from 2018 to 2021 and no-asbestos containing building material (ACBM) was used in the renovation. A copy of the letter from the Architects certifying that no ACM was used in the renovation is attached in *Appendix E*.

Using EPA protocol and criteria, the following materials existing in Holland Hill 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
Pipe Insulation and Pipe Fitting Insulation	Material assumed to be present above ceiling, Bathrooms Chases and Pipe Associated with Sinks Systems.	AMC 2017 AHERA Re-Inspection & Reliance Environmental 08/07/2017 Inspection	25% Amosite 2% Crocidolite
Electrical Insulation	Multi-Purpose Room and Stage Storage Room	AMC 2017 AHERA Re-Inspection	Unknown/ Assumed

Material	Location	Reference	Asbestos Content
Cementitious Board (previously identified as Transite Board)	Exterior Soffits (material may be present behind metal panels)	AMC 2017 AHERA Re-Inspection	Unknown/ Assumed
Black Mastic on Asphalt Paper behind Brick and cavity wall	Behind Brick, and Exposed in Basement Boiler Room Foundation Wall by Door #6	Reliance Environmental 08/07/2017 Inspection	40-45% Chrysotile
White with Multi-Color Specks 12"x12" Floor Tile and associated Adhesive	Rooms 3, 6, 7, 9,13 and 16	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Gray with Gray Streaks 12"x12" Floor Tile and associated Adhesive	Rooms 1 and 10, Custodian Closet, Rooms 15, 17, 19, 20, Gym Office, 105	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Blue Black & White Specks Floor Tile and associated Adhesive	Gym, Stage (149) Ramps	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Beige, Brown Specks Floor Tile and associated Adhesive	Hallway by Media Center	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Beige Floor Tile and associated Adhesive	Room 4 Kiln Storage	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Dark Gray with Gray and Beige Specks Floor Tile and associated Adhesive	Room 112, 106A and Health Suite	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Gray with Dark Gray and White Specks Floor Tile and associated Adhesive	Rooms 8, 10, 11, 12, 14, and Storage 129A	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Dark Gray Black Streaks Floor Tile and associated Adhesive	Room 133 OPT	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12" Light Brown Floor Tile and associated Adhesive	Resource Rooms 117, 118 and 119	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
12' Light Gray with Blue Specks Floor Tile and associated Adhesive	Rooms K1, K2 and 5	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Gray Stone Floor Tile Mortar	Lobby and Hallways to Courtyard	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Carpet Adhesive	Media Center and Main Office, and Office 132 A-B	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed

Material	Location	Reference	Asbestos Content
Black 4" Cove Base Molding and associated Adhesive	Corridors by Rooms 133 and Media Center, Rooms K1, K2, 4, 112 and 133 OPT, 135, 137, 139, Faculty Room, and Resources Room	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Blue 4" Cove Base Molding and associated Adhesive	Corridors by Gym, Work Room, Multipurpose Room, Rooms 3, 7, 10, 138-142, 153B, Offices 117- 120, 132A-B, and Storage	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
4" Corner Rubber Baseboard Adhesive	Gym, Stage (149)	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
6" Quarry Tile Mortar/Cement	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
6" Tan Quarry Tile Mortar/Cement	Windowsill in rooms K1, K2, 3,4, 6-8, 10, 11-17	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Wall Fiber Glass Panel Adhesive	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Beige Wall Glazed Block and associated Mortar	Throughout Corridors	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Green/Black Chalkboard Adhesives	Rooms K1, K2, 5, 14, 15, and 16	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Beige Countertop/Adhesive	Classrooms, Faculty Room, and Health Center	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed
Black Sink Under Padding	Rooms K1, K2, 4, 6, 7, 8, 10 and Faculty Room	Fuss & O'Neill 3-Year Re-Inspection 2024	Assumed

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

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

Material	Location	Reference
White 12"x 12" Floor Tile & associated Adhesive	Gym Hallway	AMC 2017 AHERA Re-Inspection
Tan 12" x 12" Floor Tile & associated Adhesive	Rooms 4 & 18	AMC 2017 AHERA Re-Inspection

Material	Location	Reference
White with gray 12" x 12" Floor Tile & associated Adhesive	Media Center Hallway, Rooms 2, 3	AMC 2017 AHERA Re-Inspection
2' x 2' Suspended Ceiling Tiles	Throughout Building	AMC 2017 AHERA Re-Inspection
Ceramic Tile & associated Thinset/Adhesive and Grout	Bathrooms	AMC 2017 AHERA Re-Inspection
Ceiling Plaster Skim and Base Coat	Throughout Building	AMC 2017 AHERA Re-Inspection
1' x 1' Ceiling Tiles & associated Glue Daubs	Bathrooms	AMC 2017 AHERA Re-Inspection
Sink Caulk	Bathrooms	AMC 2017 AHERA Re-Inspection
Exterior Window Caulk & Glaze	Exterior of Building	AMC 2017 AHERA Re-Inspection
2' x 4' Suspended Ceiling Tiles	Throughout Building	AMC 2017 AHERA Re-Inspection
1' x 2' Suspended Ceiling Tiles	Throughout Building	AMC 2017 AHERA Re-Inspection
Gypsum Board & Joint Compound	Throughout Building	AMC 2017 AHERA Re-Inspection
Plaster Ceiling	Boiler Room	AMC 2017 AHERA Re-Inspection
Beige Mortar Bed and Gray grout for ceramic floor tile, gray glue	Bathroom in Classroom, Boys/girls bathroom next to gymnasium, Classroom 4	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Gypsum Board and Joint Compound	Stage Walls, Resource Room Library	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Gray Mortar	Gymnasium Wall	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Ceramic Cove base tan Glue	Gymnasium Storage room/Office	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Black cove base and Associated Tan Glue	Room 18, Hallway Outside Bathroom Next to Gym	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Brown cove base and associated brown glue	Resource room/library, S3 storage room	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
2' x 4' Beige Ceiling Tiles	Hallway Outside Bathroom Next to Gym	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
2' x 4' Gray Ceiling Tiles	Resource room/library, Boys/girls bathroom next to gymnasium. S3 Storage Room	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
1' x 1' Sky Blue Flor Tiles and Tan Glue	Hallway by main Office, Hallway Outside classroom 11,	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection

Material	Location	Reference
Gray leveler Material	Hallway Outside classroom 11, Classroom 10,	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
1' x 1' Blue Flor Tiles and Tan Glue and Tan Glue	Classroom 10	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
Blue Cove Base and Tan Glue	Classroom 10	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
White/yellow Fiber Glass Pipe Cement	Boiler #2 – Basement	Woodard & Curran & Reliance Environmental, LLC February 2017, Inspection
1' x 1' Light Blue Flor Tiles and Tan Glue and Yellow Glue	Room K1 and Room K2	Woodard & Curran & Reliance Environmental, LLC August 7, 2017, Inspection
1' x 1' Light Vanilla Flor Tiles and Tan Glue and Yellow Glue	Room 3 and Room 16	Woodard & Curran & Reliance Environmental, LLC August 7, 2017, Inspection
Spacer Under hardwood Floor	Gym	Woodard & Curran & Reliance Environmental, LLC August 7, 2017, Inspection

Ms. Kathleen C Pane reviewed the information obtained during this re-inspection. Ms. Pane 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:

- Black Mastic on Asphalt Paper behind Brick and cavity wall,
- White with Multi-Color Specks 12"x12" Floor Tile and associated Adhesive,
- Gray with Gray Streaks 12"x12" Floor Tile and associated Adhesive,
- 12" Blue Black & White Specks Floor Tile and associated Adhesive,
- 12" Beige, Brown Specks Floor Tile and associated Adhesive,
- 12" Beige Floor Tile and associated Adhesive,
- 12" Dark Gray with Gray and Beige Specks Floor Tile and associated Adhesive,
- 12" Gray with Dark Gray and White Specks Floor Tile and associated Adhesive,
- 12" Dark Gray Black Streaks Floor Tile and associated Adhesive,
- 12" Light Brown Floor Tile and associated Adhesive,
- 12' Light Gray with Blue Specks Floor Tile and associated Adhesive,
- Gray Stone Floor Tile Mortar,
- Carpet Adhesive,
- Black 4" Cove Base Molding and associated Adhesive,
- Blue 4" Cove Base Molding and associated Adhesive,
- 4" Corner Rubber Baseboard Adhesive,
- 6" Quarry Tile Mortar/Cement,
- 6" Tan Quarry Tile Mortar/Cement,
- Wall Fiber Glass Panel Adhesive,
- Beige Wall Glazed Block and associated Mortar,

- Green/Black Chalkboard Adhesives,
- Beige Countertop/Adhesive, and
- Black Sink Under Padding.

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

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

Any suspect material encountered during renovation/demolition/maintenance activities that is not specifically identified in the 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 –
 - 3 Square feet of 12" beige floor tile cracking at the room 4 kiln storage.
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 F* 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 G* for preventive measures designed for various types of ACBM that may exist in the school.

5.4 Abatement (Removal) Cost Estimates

Minor damages of no friable ACBM flooring material were observed in the room 4 kiln, therefore an estimated cost for abatement and/or repair is as follows:

Abatement Cost Estimates			
Material	Location	Quantity	Estimated Contractor Cost
12" Beige floor tile	Room 4 – kiln storage	3 Square feet	\$6,000

6 EPA Accreditation Requirements

The EPA accreditations and the CTDPH Asbestos licenses for Ms. Sandra Guzman and Ms. Kathleen C. Pane are provided in *Appendix H*.

Appendix A

Existing Records Checklist

Existing Records Checklist

Local Education Agency (LEA): Fairfield Public School
501 Kings Highway East, Suite 210
Fairfield, CT 06825

School Building: Holland Hill Elementary School - 105 Meadowcroft Road, Fairfield, CT

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

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

Comments: Items marked "No" indicate not present/available at the time of this inspection. 2021 Three-year inspection, 6 Months periodic surveillance from 2021 to April 2024, and environmental testing reports from 2012 to July 2024 are posted in: [Search Results - Fairfield Public Schools \(fairfieldschools.org\)](https://www.fairfieldschools.org)

Inspector (LEA Office): Sandra Guzman Date: 10/04/2024

Inspector (School): Sandra Guzman Date: 10/02/2024

Appendix B

Re-Inspection Form 1A

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

School: Holland Hill Elementary School Building: Holland Hill Elementary School
 Address 105 Meadowcroft Road, Fairfield, CT

Date(s) of Original Inspection: 1999

Date(s) of Subsequent Re-Inspections: 2002, 2005, 2001, 2017, 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					
WC 8, 13	25% Amosite 2% Crocidolite	Pipe Insulation and Pipe Fitting Insulation	TSI	F	5	Material assumed to be present above ceiling, Bathrooms Chases and Pipe Associated with Sinks Systems.	Material removed from Stage and Contiguous Bathrooms during 2018 renovation activities. (Reliance Environmental Close-up Report) <1 LF of material observed damaged at the Gym pipe to roof drain. Maintain Under O & M Plan
N/A	Assumed	Electrical Insulation	TSI	F	5	Multi-Purpose Room and Stage Storage Room	Not Regulated by AHERA, For Informational Purposes Only. Maintain Under O & M Plan Recommend sampling to determine asbestos content prior to disturbance
N/A	Assumed	Cementitious Board (previously identified as Transite Board)	Misc.	NF	5	Exterior Soffits (material may be present behind metal panels)	10 SF of material abated in all purpose room during 2018 renovation activities.

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

School: Holland Hill Elementary School Building: Holland Hill Elementary School
 Address 105 Meadowcroft Road, Fairfield, CT

Date(s) of Original Inspection: 1999

Date(s) of Subsequent Re-Inspections: 2002, 2005, 2001, 2017, 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					
							(Reliance Environmental Close-up Report) <i>Not Regulated by AHERA, For Informational Purposes Only.</i> Maintain Under O & M Plan Recommend sampling to determine asbestos content prior to disturbance

Information abstracted by: Sandra Guzman Date: October 3, 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 1B

School: Holland Hill Elementary School Building: Holland Hill Elementary School Date(s) of Original AHERA Inspection: 1999
 Address: 105 Meadowcroft Road, Fairfield, CT Date(s) of Re-Inspection: October 3, 2024

Homogeneous Material		Asbestos Content (%)	Material Category	Estimated Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded Locations of Material for Each Assessment Category
Sample Number	Material Description						
WC-3, 6 7, 16, 43 and 44	Black Mastic on Asphalt Paper behind Brick and cavity wall	40-45% Chrysotile	Misc.	8,000 SF	NF	5	Behind Brick, and Exposed in Basement Boiler Room Foundation Wall by Door #6
N/A	White with Multi-Color Specks 12"x12" Floor Tile and associated Adhesive Rooms 3, 6, 7, 9, 13 and 16	Assumed	Misc.	5,400 SF	NF	5	Rooms 3, 6, 7, 9, 13 and 16
N/A	Gray with Gray Streaks 12"x12" Floor Tile and associated Adhesive	Assumed	Misc.	6,000 SF	NF	5	Rooms 1 and 10, Custodian Closet, Rooms 15, 17, 19, 20, Gym Office, 105
N/A	12" Blue Black & White Specks Floor Tile and associated Adhesive	Assumed	Misc.	240 SF	NF	5	Gym, Stage (149) Ramps
N/A	12" Beige, Brown Specks Floor Tile and associated Adhesive	Assumed	Misc.	800 SF	NF	5	Hallway by Media Center
N/A	12" Beige Floor Tile and associated Adhesive	Assumed	Misc.	400 SF	NF	5	Room 4 Kiln Storage
N/A	12" Dark Gray with Gray and Beige Specks Floor Tile and associated Adhesive	Assumed	Misc.	2,700 SF	NF	5	Room 112, 106A and Health Suite
N/A	12" Gray with Dark Gray and White Specks Floor Tile and associated Adhesive	Assumed	Misc.	4,500 SF	NF	5	Rooms 8, 10, 11, 12, 14, and Storage 129A
N/A	12" Dark Gray Black Streaks Floor Tile and associated Adhesive	Assumed	Misc.	400 SF	NF	5	Room 133 OPT
N/A	12" Light Brown Floor Tile and associated Adhesive	Assumed	Misc.	2,700 SF	NF	5	Resource Rooms 117, 118 and 119

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

School: Holland Hill Elementary School Building: Holland Hill Elementary School Date(s) of Original AHERA Inspection: 1999
 Address: 105 Meadowcroft Road, Fairfield, CT Date(s) of Re-Inspection: October 3, 2024

Homogeneous Material		Asbestos Content (%)	Material Category	Estimated Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded Locations of Material for Each Assessment Category
Sample Number	Material Description						
N/A	12' Light Gray with Blue Specks Floor Tile and associated Adhesive	Assumed	Misc.	3,000 SF	NF	5	Rooms K1, K2 and 5
N/A	Gray Stone Floor Tile Mortar	Assumed	Misc.	240 SF	NF	5	Lobby and Hallways to Courtyard
N/A	Carpet Adhesive	Assumed	Misc.	2,500 SF	NF	5	Media Center and Main Office, and Office 132 A-B
N/A	Black 4" Cove Base Molding and associated Adhesive	Assumed	Misc.	800 LF	NF	5	Corridors by Rooms 133 and Media Center, Rooms K1, K2, 4, 112 and 133 OPT, 135, 137, 139, Faculty Room, and Resources Room
N/A	Blue 4" Cove Base Molding and associated Adhesive	Assumed	Misc.	800 LF	NF	5	Corridors by Gym, Work Room, Multipurpose Room, Rooms 3, 7, 10, 138-142, 153B, Offices 117- 120, 132A-B, and Storage
N/A	4" Corner Rubber Baseboard Adhesive	Assumed	Misc.	220 LF	NF	5	Gym, Stage (149)
N/A	6" Quarry Tile Mortar/Cement	Assumed	Misc.	2,000 SF	NF	5	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage
N/A	6" Tan Quarry Tile Mortar/Cement	Assumed	Misc.	72 SF	NF	5	Windowsill in rooms K1, K2, 3,4, 6-8, 10, 11-17
N/A	Wall Fiber Glass Panel Adhesive	Assumed	Misc.	360 SF	NF	5	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage

School: Holland Hill Elementary School Building: Holland Hill Elementary School Date(s) of Original AHERA Inspection: 1999
 Address: 105 Meadowcroft Road, Fairfield, CT Date(s) of Re-Inspection: October 3, 2024

Homogeneous Material		Asbestos Content (%)	Material Category	Estimated Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded Locations of Material for Each Assessment Category
Sample Number	Material Description						
N/A	Beige Wall Glazed Block and associated Mortar	Assumed	Misc.	12,000 SF	NF	5	Throughout Corridors
N/A	Green/Black Chalkboard Adhesives	Assumed	Misc.	380 SF	NF	5	Rooms K1, K2, 5, 14, 15, and 16
N/A	Beige Countertop/Adhesive	Assumed	Misc.	48 SF	NF	5	Classrooms, Faculty Room, and Health Center
N/A	Black Sink Under Padding	Assumed	Misc.	8 EA	NF	5	Rooms K1, K2, 4, 6, 7, 8, 10 and Faculty Room

Inspected by: Sandra Guzman Date: October 3, 2024

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

LF = Linear Feet; SF = Square Feet

Friability: F = Friable, NF = Non-Friable

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

Appendix D



Re-Inspection Form 2

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Pipe Insulation and Pipe Fitting Insulation



Sample ID Number: WC 8, 13

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
Material assumed to be present above ceiling, Bathrooms Chases and Pipe Associated with Sinks Systems	TSI	Unknown	5	ACBM with Potential for Damage	Material removed from Stage and Contiguous Bathrooms during 2018 renovation activities. (Reliance Environmental Close-up Report) <1 LF of material observed damaged at the Gym pipe to roof drain. Maintain Under O & M Plan	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: 					Management Planner Signature: 	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Electrical 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
Multi-Purpose Room and Stage Storage Room	TSI	50 LF	5	ACBM with Potential for Damage	<i>Not Regulated by AHERA, For Informational Purposes Only.</i> Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Cementitious Board (previously identified as Transite 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
Exterior Soffits (material may be present behind metal panels)	NF	Unknown	5	ACBM with Potential for Damage	10 SF of material abated in all purpose room during 2018 renovation activities. (Reliance Environmental Close-up Report) Not Regulated by AHERA, For Informational Purposes Only. Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Black Mastic on Asphalt Paper behind Brick and cavity wall Sample ID Number: WC-3, 6 7, 16, 43 and 44



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
Behind Brick, and Exposed in Basement Boiler Room Foundation Wall by Door #6	NF	8,000 SF	5	ACBM with Potential for Damage	Material removed from main office, all purpose room and kitchen perimeter windows, and gymnasium former bathrooms to connect new construction. (Reliance Environmental Close-up Report) <i>Not Regulated by AHERA, For Informational Purposes Only.</i> Maintain Under O & M Plan.	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: White with Multi-Color Specks 12"x12" Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Rooms 3, 6, 7, 9,13 and 16	NF	5,400 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Gray with Gray Streaks 12"x12" Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Rooms 1 and 10, Custodian Closet, Rooms 15, 17, 19, 20, Gym Office, 105	NF	6,000 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Blue Black & White Specks Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Gym, Stage (149) Ramps	NF	240 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Beige Brown Specks Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Hallway by Media Center	NF	800 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Beige Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Room 4 Kiln Storage	NF	400 SF	5	ACBM with Potential for Damage	Repair: 3 Cracked Floor Tiles adjacent to the Kiln. Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Dark Gray with Gray and Beige Specks Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Room 112, 106A and Health Suite	NF	2,700 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Gray with Dark Gray and White Specks Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Rooms 8, 10, 11, 12, 14, and Storage 129A	NF	4,500 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Dark Gray Black Streaks Floor Tile and associated Adhesive



Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Room 133 OPT	NF	400 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12" Light Brown Floor Tile and associated Adhesive Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Resource Rooms 117, 118 and 119	NF	2,700 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 12' Light Gray with Blue Specks Floor Tile and associated Adhesive

Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Rooms K1, K2 and 5	NF	3,000 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Gray Stone Floor Tile Mortar

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
Lobby and Hallways to Courtyard	NF	240 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Carpet Adhesive

Sample ID Number: Assumed


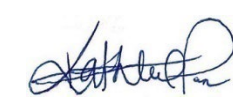
ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Media Center and Main Office, and Office 132 A-B	NF	2,500 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Black 4" Cove Base Molding and associated Adhesive


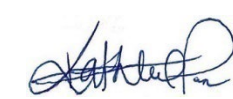
Sample ID Number: Assumed

ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Corridors by Rooms 133 and Media Center, Rooms K1, K2, 4, 112 and 133 OPT, 135, 137, 139, Faculty Room, and Resources Room	NF	800 LF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: 					Management Planner Signature: 	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Blue 4" Cove Base Molding and associated Adhesive Sample ID Number: Assumed



ACBM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACBM Location(s) by Assessment Category	Friability	Estimated Quantity	Assessment Category	Physical Description	Recommended Response Action(s)	Date Action Completed
Corridors by Gym, Work Room, Multipurpose Room, Rooms 3, 7, 10, 138-142, 153B, Offices 117- 120, 132A-B, and Storage	NF	800 LF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: 					Management Planner Signature: 	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 4" Corner Rubber Baseboard 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
Gym, Stage (149)	NF	220 LF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 6" Quarry Tile Mortar/Cement

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 Office, Kitchen Back Hallway and Storage	NF	2,000 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: 6" Tan Quarry Tile Mortar/Cement

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
Windowsill in rooms K1, K2, 3,4, 6-8, 10, 11-17	NF	72 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Wall Fiber Glass Panel 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
Kitchen, Kitchen Office, Kitchen Back Hallway and Storage	NF	360 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
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/CT</u> Expiration Date: <u>08/31/2025</u>					Management Planner Name: <u>Kathleen C. Pane</u> Management Planner Signature: <u></u> Accreditation #/State: <u>000200/CT</u> Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Beige Wall Glazed Block and associated Mortar

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
Throughout Corridors	NF	12,000 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Green/Black Chalkboard Adhesives

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 K1, K2, 5, 14, 15, and 16	NF	380 SF	5	ACBM with Potential for Damage	Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Beige Countertop/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
Classrooms, Faculty Room, and Health Center	NF	48 SF	5	ACBM with Potential for Damage	<i>Not Regulated by AHERA, For Informational Purposes Only</i> Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

School: Holland Hill Elementary School

Date of Re-Inspection: October 3, 2024

Homogeneous Material: Black Sink Under Padding

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
Black Sink Under Padding	NF	8 EA	5	ACBM with Potential for Damage	<i>Not Regulated by AHERA, For Informational Purposes Only.</i> Maintain Under O & M Plan. Recommend sampling prior to disturbance	Ongoing
Were additional samples of this ACBM collected? (No)					Date of Management Planner Review: _____	
Inspector's Name: <u>Sandra Guzman</u>					Management Planner Name: <u>Kathleen C. Pane</u>	
Inspector Signature: <u></u>					Management Planner Signature: <u></u>	
Accreditation #/State: <u>000335/CT</u>					Accreditation #/State: <u>000200/CT</u>	
Expiration Date: <u>08/31/2025</u>					Expiration Date: <u>04/30/2025</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____						
Date: _____						

Appendix E

2018-2021 Renovation/Addition Architects Letter

Kenneth Boroson ARCHITECTS

315 Peck Street, New Haven, CT 06513 ♦ 203.624.0662 ♦ kbarch.com

October 28, 2024

Re: Holland Hill Elementary School

Angelus Papageorge, Executive Director of Operations

Fairfield Public Schools
501 Kings Highway East - Suite 210
Fairfield, Connecticut 06824

Dear Angelus,

No ACBM was specified as building material in any construction document for the building and, to the best of our knowledge, no ACBM was used as building material in the building.

Thank you,

A handwritten signature in black ink, appearing to read "Ken Boroson", with a long, sweeping underline.

Ken Boroson, Principal

Kenneth Boroson Architects

Appendix F

Sample 6-Month Periodic Surveillance Form

Sample 6- Month Periodic Surveillance Form

Local Education Agency (LEA): Fairfield Public Schools

Facility Address: Holland Hill Elementary School - 105 Meadowcroft Road, Fairfield, 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
Pipe Insulation and Pipe Fitting Insulation	Material assumed to be present above ceiling, Bathrooms Chases and Pipe Associated with Sinks Systems.					
Electrical Insulation	Multi-Purpose Room and Stage Storage Room					
Cementitious Board (previously identified as Transite Board)	Exterior Soffits (material may be present behind metal panels)					
Black Mastic on Asphalt Paper behind Brick and cavity wall	Behind Brick, and Exposed in Basement Boiler Room Foundation Wall by Door #6					
White with Multi-Color Specks 12"x12" Floor Tile and associated Adhesive	Rooms 3, 6, 7, 9,13 and 16					
Gray with Gray Streaks 12"x12" Floor Tile and associated Adhesive	Rooms 1 and 10, Custodian Closet, Rooms 15, 17, 19, 20, Gym Office, 105					
12" Blue Black & White Specks Floor Tile and associated Adhesive	Gym, Stage (149) Ramps					
12" Beige, Brown Specks Floor Tile and associated Adhesive	Hallway by Media Center					

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
12" Beige Floor Tile and associated Adhesive	Room 4 Kiln Storage					
12" Dark Gray with Gray and Beige Specks Floor Tile and associated Adhesive	Room 112, 106A and Health Suite					
12" Gray with Dark Gray and White Specks Floor Tile and associated Adhesive	Rooms 8, 10, 11, 12, 14, and Storage 129A					
12" Dark Gray Black Streaks Floor Tile and associated Adhesive	Room 133 OPT					
12" Light Brown Floor Tile and associated Adhesive	Resource Rooms 117, 118 and 119					
12' Light Gray with Blue Specks Floor Tile and associated Adhesive	Rooms K1, K2 and 5					
Gray Stone Floor Tile Mortar	Lobby and Hallways to Courtyard					
Carpet Adhesive	Media Center and Main Office, and Office 132 A-B					
Black 4" Cove Base Molding and associated Adhesive	Corridors by Rooms 133 and Media Center, Rooms K1, K2, 4, 112 and 133 OPT, 135, 137, 139, Faculty Room, and Resources Room					
Blue 4" Cove Base Molding and associated Adhesive	Corridors by Gym, Work Room, Multipurpose Room, Rooms 3, 7, 10, 138-142, 153B, Offices 117- 120, 132A-B, and Storage					
4" Corner Rubber Baseboard Adhesive	Gym, Stage (149)					
6" Quarry Tile Mortar/Cement	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage					

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
6" Tan Quarry Tile Mortar/Cement	Windowsill in rooms K1, K2, 3,4, 6-8, 10, 11-17					
Wall Fiber Glass Panel Adhesive	Kitchen, Kitchen Office, Kitchen Back Hallway and Storage					
Beige Wall Glazed Block and associated Mortar	Throughout Corridors					
Green/Black Chalkboard Adhesives	Rooms K1, K2, 5, 14, 15, and 16					
Beige Countertop/Adhesive	Classrooms, Faculty Room, and Health Center					
Black Sink Under Padding	Rooms K1, K2, 4, 6, 7, 8, 10 and Faculty Room					

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 G

Preventive Measures

Preventive Measures for Various Asbestos-Containing Building Materials

A. Surfacing Materials

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

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

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

2. Ceiling and Wall Plasters
 - a) Identify the materials and post asbestos warning signs.
 - b) Maintain the materials in intact state and undamaged condition. Avoid storing/stacking on/near the materials to reduce contact damage.
 - c) Prevent water leakage. If the material is significantly damaged, removal is the best option. For minor damage, repair or enclosure is a temporary solution.
 - d) Train the custodial people who are responsible for care and maintenance of surfacing materials.

B. Thermal System Insulation (TSI)

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

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

1. Boiler and Breeching Insulation

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

2. Pipe, Pipe Fitting, Tank, Duct & Breeching Insulations

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

C. Miscellaneous Materials

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

1. Vinyl Asbestos Floor Tiles (VAT)

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

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

- e) Train the custodial people who are responsible for care and maintenance of VAT. Please note that the repair/removal can only be performed by a licensed abatement contractor.
2. Wallboard and Joint Compound Assembly
- a) Since a number of different homogeneous assemblies may exist in a building, sheetrock/joint compound must be assumed to be ACM unless sample results prove otherwise. If any specific areas are going to be disturbed, samples of the material in that area should be collected and analyzed.
 - b) Reduce the likelihood of fiber release by avoiding cutting or drilling holes through the sheetrock panels.
3. Ceiling Tile and Glue Daubs
- a) Reduce the likelihood of fiber release by limiting access to the space above the ceiling tiles. Maintain the ceiling tiles in undamaged condition. Replace any damaged or water-stained tile.
 - b) If the ceiling tiles are non-asbestos, collect samples and analyze the glue daubs to identify asbestos-content before disturbing the tiles.
4. Asbestos Cement Panels, Window/Door Caulking and Glazing Compounds
- a) Maintain asbestos cement panels and window/door caulking and glazing compounds in undamaged condition.
5. Carpet Glue, Blackboard/Tack Board Glue, Floor Tile Mastic, Cove Base, and Mastic
- a) Reduce the likelihood of fiber release by leaving materials in place.
 - b) Maintain materials in good condition. Collect samples and analyze to identify asbestos-content before disturbing.

Appendix H

Asbestos Inspector and Management Planner State Licenses and EPA Accreditations

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 (860) 509-7603
P.O. Box 340308 opic.dph@ct.gov
M.S.#12MQA www.ct.gov/dph/license
Hartford, CT 06134-0308

Sincerely,


MANISHA JUTHANI, MD, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

1005666-0005681-0000001 of 000001-C01-aiD00101-1364-05673

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
SANDRA L GUZMAN

VALIDATION NO. 03-138620

CERTIFICATE NO. 000335

CURRENT THROUGH 08/31/25

PROFESSION
ASBESTOS CONSULTANT-INSPI/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.

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-INSPI/MGMT PLANNER


SANDRA L GUZMAN

CERTIFICATE NO. 000335

CURRENT THROUGH 08/31/25

VALIDATION NO. 03-138620

 SIGNATURE

 COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
SANDRA L GUZMAN

VALIDATION NO. 03-138620

CERTIFICATE NO. 000335

CURRENT THROUGH 08/31/25

PROFESSION
ASBESTOS CONSULTANT-INSPI/MGMT PLANNER

 SIGNATURE

 COMMISSIONER

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 954378

I - To be completed by Trainee

Name of Trainee (print) Sandra Guzman NYS Dept. of Motor Vehicles ID (DMV ID)¹ 275 374 644

Signature of Trainee Sandra Guzman

Telephone Number 203-223-7601 Date of Birth¹ 08/05/1976

Address

19 Robertson Road Hamden CT 06518

(City)

(State)

(Zip Code)

II - To be completed by Training Sponsor

Provider's Name

ATC 212-353-8280

Telephone Number

Address

GROUP SERVICES LLC
104 EAST 25TH STREET, 8TH FL
NEW YORK, NY 10010

Course Location:

Online

Zip Code

Course Title: Inspector English Other: Initial Refresher NYS DOH use only DOH Equivalency ²

Training Language: English Other: Exam Grade/Date: 100% / 5/20/24

Dates of Training: From: 5/20/24 To: 5/20/24 Expires: 5/20/25

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Sandra Guzman

(Print)

(Signature)

ATC GROUP SERVICES LLC

104 East 25th Street, New York, NY 10010
(212) 353-8280

This certifies that

Sandra Guzman

has successfully completed the

*4-hour EPA-AHERA/ASHARA Training, accredited under TSCA Title II 40 CFR 763,
and the New York State Department of Health Approved Course and Examination for*

Asbestos Management Planner Refresher

on

May 20, 2024

** Please note that the official record of successful completion is the
DOH 2832 Certificate of Asbestos Safety Training**

Course Location: Online Course

Examination Date: May 20, 2024

Certificate#: NYS - MPR - 2460

Expiration Date: May 20, 2025

Signed: _____


John P. Springston
John P. Springston, CIH, CSP, FAIHA

1000348-0000352-0000001 of 0000001-C01-a1d00101-0764-00350

Dear KATHLEEN C. PANE,

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 (860) 509-7603
P.O. Box 340308 oplc.dph@ct.gov
M.S.#12MQA www.ct.gov/dph/license
Hartford, CT 06134-0308

Sincerely,

MANISHA JUTHANI, MD, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
KATHLEEN C. PANE
CURRENT THROUGH
04/30/25

VALIDATION NO.
03-094747
CERTIFICATE NO.
000200

PROFESSION
ASBESTOS CONSULTANT-INSPI/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.


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-INSPI/MGMT PLANNER

CERTIFICATE NO.
000200
CURRENT THROUGH
04/30/25

VALIDATION NO.
03-094747

KATHLEEN C. PANE


SIGNATURE
COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
KATHLEEN C. PANE
CURRENT THROUGH
04/30/25

VALIDATION NO.
03-094747
CERTIFICATE NO.
000200

PROFESSION
ASBESTOS CONSULTANT-INSPI/MGMT PLANNER


SIGNATURE
COMMISSIONER

CERT#: A-508-Virtual.677

CHEMSCOPE TRAINING DIVISION
ASBESTOS INSPECTOR/MANAGEMENT PLANNER REFRESHER
8-HOUR TRAINING CERTIFICATE

Kathleen C. Pane

59 Elm Street, Suite 500, New Haven CT

Has attended an 8-hour course on the subject discipline on
01/03/2025 and has passed a written examination.

"The person receiving this certificate has completed the requisite training required for asbestos accreditation as an
Inspector/Management Planner under TSCA Title II"

Course topics include a review and update on asbestos health hazards, functions of inspectors & management planners,
building systems, planning, inspecting for asbestos, sampling & analysis, respiratory protection, government regulations
and preparing the inspection report. The training course has been accredited by the State of Connecticut.

Examination 1 Score: 100%
Examination 2 Score: 100%
Exam Date: 01/03/2025
Expiration Date: 01/03/2026



Daniel Sullivan
Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
Phone: 203.865.5605
www.chem-scope.com