

# Six-Month AHERA Periodic Surveillance

For Compliance with  
Commonwealth of Massachusetts Department of Labor Standards (MADLS)  
Asbestos Containing Materials in Schools Regulation (453 CMR 6.00)  
and  
EPA Asbestos Hazard Emergency Response Act  
(Title 40 CFR, Part 763, Subpart E)

**Sandwich Public Schools**  
Sandwich, Massachusetts

September 2018



Fuss & O'Neill, Inc.  
108 Myrtle Street, Suite 502  
Quincy, MA 02171



October 1, 2018

Mr. Jay McGrail  
Director of Facilities  
Sandwich Public School System  
33 Water Street  
Sandwich, MA 02563

RE: Six-Month AHERA Periodic Surveillance  
Surveillance Date: September 28, 2018  
Sandwich Public School District  
Fuss & O'Neill, Inc. No. 20160762.B10

Dear Mr. McGrail:

Enclosed is the Six-Month AHERA Periodic Surveillance report prepared by Fuss & O'Neill, Inc. (Fuss & O'Neill) for the following Sandwich Public Schools buildings located in Sandwich, Massachusetts:

1. Administration Building (formerly the Henry T. Wing School)
2. Sandwich High School

This report is an important document that must be included in the existing Asbestos Management Plans (AMPs) on file for the above-mentioned schools. In addition, a copy of this report should be maintained at a central location where the AMPs are stored.

If you should have any questions regarding this report, please do not hesitate to contact me at (617) 282-4675, ext. 4703. Thank you for this opportunity to have served your environmental needs.

Sincerely,

Dustin A. Diedricksen  
Associate/Department Manager

DD/rs  
Attachments

108 Myrtle Street  
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[www.fando.com](http://www.fando.com)

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## 1. Introduction

Fuss & O'Neill was retained by Sandwich Public Schools (the "Client") to conduct a six-month periodic surveillance of previously-identified asbestos-containing building materials (ACBM) at the following schools:

1. Administration Building (formerly the Henry T. Wing School)
2. Sandwich High School

This periodic surveillance was conducted in accordance with the requirements of the United States Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) (Title 40 CFR, Part 763, Subpart E).

On September 28, 2018, Mr. Neal McMorrow of Fuss & O'Neill performed the periodic surveillance. This surveillance was based on available information in the existing Asbestos Management Plan (AMP) for each school.

## 2. Scope of Work

Periodic surveillance involves the visual re-assessment of any ACBM or assumed ACBM as identified in the AMPs prepared for Sandwich Public Schools. The date of the periodic surveillance, as well as the location of each area, was noted along with any changes in ACBM condition. The results of this surveillance are listed in the periodic surveillance forms included in this report.

## 3. Discussion

During this periodic surveillance, no changes in conditions were observed to the ACBM identified in the AMPs. Specific ACBM locations and conditions are listed in the attached periodic surveillance forms for each school.

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.

## 4. Conclusion

No changes in conditions for previously identified ACBM were observed compared with the most recent AMPs.

If renovation or demolition activities are scheduled that will impact identified ACBM, the ACBM must be removed by a Commonwealth of Massachusetts-licensed Asbestos Abatement Contractor prior to disturbance. This is a requirement of the Commonwealth of Massachusetts Department of Labor Standards (MADLS) as well as EPA NESHAP.

Report prepared by Environmental Technician, Neal McMorrow.

Reviewed by:



Dustin A. Diedricksen  
Associate/Department Manager

# Periodic Surveillance Report

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Administration Building (former Henry T. Wing School)

## Six-Month AHERA Periodic Surveillance Form

Local Education Agency (LEA): Sandwich Public Schools  
 Facility Address: Administration Building, 33 Water Street, Sandwich, MA  
 Date of Surveillance: September 28, 2018

Asbestos-Containing Building Material (ACBM)	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
1927 Building						
Pre-Formed Block-Type Pipe Insulation	Pipe Tunnels	D	D	No	>10%	Restrict access to pipe tunnels; abatement planning/coordination is ongoing
Pre-Formed Block-Type Pipe Insulation	Classrooms 1 - 3	G	G	No		
Pre-Formed Block-Type Pipe Insulation	Above Fixed Ceilings & within Wall Chases	IA	IA	N/A		
Mudded Pipe-Fitting Insulation	Pipe Tunnels	D	D	No	>10%	Restrict access to pipe tunnels; abatement planning/coordination is ongoing
Mudded Pipe-Fitting Insulation	Classrooms 1 - 3	G	G	No		
Mudded Pipe-Fitting Insulation	Above Fixed Ceilings & within Wall Chases	IA	IA	N/A		
Corrugated Paper-Type Pipe Insulation	Pipe Tunnels	D	D	No	>10%	Restrict access to pipe tunnels; abatement planning/coordination is ongoing
Corrugated Paper-Type Pipe Insulation	Above Fixed Ceilings & within Wall Chases	IA	IA	N/A		

Asbestos-Containing Building Material (ACBM)	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
9" x 9" Black Floor Tile	Beneath Built-Up Floor in Classrooms 1 – 3 & 6	IA	IA	N/A		
Cloth Vibration Isolator	Boiler Room (Room 7) & Gymnasium	G	G	No		
<b>Sandwich Elementary School Addition</b>						
Breeching Insulation	New Boiler Room	G	G	No		
Mudded Pipe-Fitting Insulation Associated with Fiberglass Pipe Insulation	A, B, C, & D Wing Ceiling Plenums/Pipe Chases & Locker Room Pipe Closets	G	G	No		
Mudded Pipe-Fitting Insulation Associated with Fiberglass Pipe Insulation	C104 & C202 Pipe Chases	D	D	No	5 EA	Area has restricted access; abatement planning/coordination is ongoing
Pre-Formed Block-Type Pipe Insulation	New Boiler Room	G	G	No		
Pink Sink Undercoating	C106, C107, & D125	G	G	No		
Pink Sink Undercoating	C108	G	G	No		
Black Sink Undercoating	Room next to C107	G	G	No		
Fiber-Reinforced Cement Panels Associated with Fume Hood	C208	G	G	No		
Fiber-Reinforced Cement Panel	Partition Walls in Administrative Offices, Boys' & Girls' Locker Rooms, & C-Wing Stairs above Windows	G	G	No		



Asbestos-Containing Building Material (ACBM)	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
9" x 9" Tan with Brown & White Streaks Floor Tile	Nurse's Office, Classrooms C107, Room next to C107, C108, C202, C207 – C209, C206 Workroom, C208 Storage, & C209 Storage	G	G	No		
9" x 9" Tan with Brown & White Streaks Floor Tile	C106	D	D	No	10 SF	Water-damaged & loose floor tiles observed
9" x 9" Tan with Brown & White Streaks Floor Tile	C-Wing Stairwell	D	D	No	10 SF	Loose floor tiles observed; building area is unoccupied. Floor tile abatement for entire stairwell is recommended.
9" x 9" Tan with Brown & White Streaks Floor Tile	Chair Storage	D	D	No	200 SF	Loose & cracked floor tiles observed. Restrict access to area; floor tile abatement is recommended.
12" x 12" Tan with Streak Floor Tile	Maintenance Break Room & Computer Room	G	G	No		
Tan Duct-Seam Sealant	B-Wing, 2 <sup>nd</sup> Floor, Mechanical Room	G	G	No		
Red Duct-Seam Sealant	B-Wing, 2 <sup>nd</sup> Floor, Mechanical Room	G	G	No		

Conditions: D = Damaged; G = Good; IA = Inaccessible; N/A = Not Applicable; SF = Square Feet

Surveillance conducted by: Neal McMorrow  
(print name)

  
\_\_\_\_\_  
(signature)

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

# Periodic Surveillance Report

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Sandwich High School

## Six-Month AHERA Periodic Surveillance Form

Local Education Agency (LEA): Sandwich Public Schools


Facility Address: Sandwich High School, 365 Quaker Meeting House Road, Sandwich, MA

Date of Surveillance: September 28, 2018

Asbestos-Containing Building Material (ACBM)	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Black Mastic on Structural Steel Columns	1976 Building, Exterior Walls (within masonry & beneath cork)	G	G	No		
Expansion-Joint Caulking	1976 Building Expansion Joints	G	G	No		
Tan Vinyl Sheet Flooring	Classrooms C320-C324, C336, & C337; Band Practice Rooms P1, P2, & P3; Music Storage Room; & Chorus Room	G	G	No		
Brown Vinyl Sheet Flooring	Auditorium Projector Room & Vault	G	G	No		
Gray Fiber-Reinforced Cement Fume Hood Panel	Classrooms C321 & C336; Prep Rooms C321/C322, C323/C324, & C336/C337	G	G	No		
Pink Sink Undercoating	Room D154	G	G	No		
Red Duct Sealant	Classrooms C321 & C336; Prep Rooms C321/C322, C323/C324, & C336/C337	G	G	No		
White Generator Breaching Insulation	3 <sup>rd</sup> Floor Mechanical Space	G	G	No		

Asbestos-Containing Building Material (ACBM)	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Gray Fiber-Reinforced Table (Corrugated Panel Bottom)	Classroom C323 Greenhouse	G	G	No		
Gray Fiber-Reinforced Table (Side Board)	Classroom C323 Greenhouse	G	G	No		
Brown Sill-to-Wall Caulking	Classroom C323 Greenhouse	G	G	No		Weathered, non-friable
Gray Screw-Head Sealant	Classroom C323 Greenhouse	G	G	No		Weathered, non-friable

Conditions: D = Damaged; G = Good; IA = Inaccessible; N/A = Not Applicable; SF = Square Feet

Surveillance conducted by: Neal McMorrow   
(print name) (signature)

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

## Appendix A

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### Fuss & O'Neill Inspector State Certification & EPA Accreditation



THE COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT  
DEPARTMENT OF LABOR STANDARDS

William D. McKinney,  
Director



**Asbestos Inspector**

**NEAL MC MORROW**

**Eff. Date 06/05/18**

**Exp. Date 06/05/19**

**AI900744**

**Member of C.O.N.E.S.**

**BOSR BOS-RENEW**

**19**







*This is to certify that*

**Neal P McMorrow**

*has completed the requisite training, and has passed an examination for  
reaccreditation as:*

**Asbestos Inspector Refresher**

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education  
16 Upton Drive Wilmington, MA 01887

February 20, 2018

Course Dates

18-1190-106-401104

Certificate Number

February 20, 2018

Examination Date

February 20, 2019

Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887

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**INSTITUTE FOR ENVIRONMENTAL EDUCATION**