

# Six-Month AHERA Asbestos 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

August 2017



**FUSS & O'NEILL**  
EnviroScience, LLC

Fuss & O'Neill EnviroScience, LLC  
108 Myrtle Street, Suite 502  
Quincy, MA 02171



**FUSS & O'NEILL**  
EnviroScience, LLC

November 17, 2017

Mr. Jon Nelson  
Facilities and Grounds  
Sandwich Public Schools  
33 Water Street  
Sandwich, MA 02563

RE: **Six-Month AHERA Periodic Surveillance**  
**Surveillance Date: August 2017**  
**Sandwich Public School District**  
Fuss & O'Neill EnviroScience No. 20160762.A6E

Dear Mr. Nelson:

Enclosed is the AHERA six-month periodic surveillance report prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) for the following Sandwich Public Schools located in Sandwich, Massachusetts.

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

These reports are important documents that must be included in the existing Asbestos Management Plan (AMP) prepared for each school. In addition, a copy of each 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.

108 Myrtle Street  
Suite 502  
Quincy, MA  
02171  
t 617.282.4675  
800.286.2469  
f 617.481.5885

Sincerely,

Dustin A. Diedricksen  
Senior Project Manager

[www.fando.com](http://www.fando.com)

Connecticut  
Maine

Massachusetts

New Hampshire

Rhode Island

Vermont

DD/so

Attachments

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## 1. Introduction

Fuss & O'Neill EnviroScience, LLC (EnviroScience) was retained by the Sandwich Public Schools (the "Client") to conduct a six (6)-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 the United States Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) (Title 40 CFR, Part 763, Subpart E).

On October 3, 2017, Mr. Neal McMorrow of EnviroScience performed the periodic surveillance. This surveillance was based on available information in the existing Asbestos Management Plan (AMP) for this buildings provided to EnviroScience by the Client.

## 2. Scope of Work

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

## 3. Discussion

During this surveillance, minor changes in condition were observed to the ACBM identified in the AMP. 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

Minor changes in previously-identified ACBM were observed compared with the most recent 6-month periodic surveillance.

If renovation or demolition activities are scheduled that will impact identified or assumed ACBM, the ACBM must be removed by a Commonwealth of Massachusetts-licensed Asbestos Abatement Contractor prior to disturbance. Assumed ACBM should be sampled and analyzed to determine asbestos content 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  
Senior Project Manager

## Periodic Surveillance Report

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Administration Building (formerly the Henry T. Wing School)

## 6-Month Periodic Surveillance Form

Local Education Agency (LEA): Sandwich Public Schools

Facility Address: Administration Building, 33 Water Street

Date of Surveillance: October 3, 2017

### ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
<b>1927 Building</b>						
Pre-Formed Block-Type Pipe Insulation	Pipe Tunnels	D	D	No	>10%	
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	No		
Mudded Pipe-Fitting Insulation	Pipe Tunnels	D	D	No	>10%	
Mudded Pipe-Fitting Insulation	Classrooms 1 - 3	G	G	No		
Mudded Pipe-Fitting Insulation	Above Fixed Ceilings & within Wall Chases	IA	IA	No		
Corrugated Paper-Type Pipe Insulation	Pipe Tunnels	D	D	No	>10%	
Corrugated Paper-Type Pipe Insulation	Above Fixed Ceilings & within Wall Chases	IA	IA	No		

Asbestos-Containing Building Material	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	No		
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	
Pre-Formed Block-Type Pipe Insulation	New Boiler Room	G	G	No		
Pink Sink Coating	C106, C107, & D125	G	G	No		
Fiber-Reinforced Cement Panels Associated with Fume Hood	C208	G	G	No		No visible suspect dust or debris was observed
Fiber-Reinforced Cement Panel	Partition Walls in Administrative Offices, Boys & Girls Locker Rooms, & C-Wing Stairs above Windows	G	G	No		
9" x 9" Tan with Brown & White Streaks Floor Tile	Classrooms C106 – C108, Room next to C107, C202, C207 – C209, C206 Workroom, C208 Storage, & C209 Storage	G	G	No		




Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
9" x 9" Tan with Brown & White Streaks Floor Tile	C-Wing Stairwell	G	D	Yes	10 SF	Floor Tiles are lifting/loose
9" x 9" Tan with Brown & White Streaks Floor Tile	Chair Storage	D	D	No	200 SF	
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	N/A	G	N/A		Newly Identified Material (08/04/2017)
Red Duct-Seam Sealant	B-Wing, 2 <sup>nd</sup> Floor, Mechanical Room	N/A	G	N/A		Newly Identified Material (08/04/2017)

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: 11/17/2017

# Periodic Surveillance Report

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Sandwich High School

## 6-Month Periodic Surveillance Form

Local Education Agency (LEA): Sandwich Public Schools

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

Date of Surveillance: October 3, 2017


### ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	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		No visible suspect dust or debris was observed
Pink Sink Coating	Room D154	G	G	No		
Red Duct Sealant	Classrooms C321 & C336; Prep Rooms C321/C322, C323/C324, & C336/C337	G	G	No		
White Generator Breeching Insulation	3 <sup>rd</sup> Floor Mechanical Space	G	G	No		No damaged, friable TSI was observed

Asbestos-Containing Building Material	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		No visible suspect dust or debris was observed
Gray Fiber-Reinforced Table (Side Board)	Classroom C323 Greenhouse	G	G	No		No visible suspect dust or debris was observed
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: 11/17/2017

## Appendix A

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### Fuss & O'Neill EnviroScience Inspector State Certification and 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 06/05/17**

**Exp. Date 06/05/18**

**AI900744**

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

**BOSI BOS-NEW**

**18**





*This is to certify that*  
**Neal P McMorrow**



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

**Asbestos Inspector**

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

Course Location

Institute for Environmental Education, Inc.  
16 Upton Drive Wilmington, MA 01887

February 21-23, 2017

Course Dates

17-02998-102-401104

Certificate Number

February 23, 2017

Examination Date

February 23, 2018

Expiration Date



Training Director

16 Upton Drive, Wilmington, MA 01887

Telephone 978.658.5272

[www.ieetrains.com](http://www.ieetrains.com)

**INSTITUTE FOR ENVIRONMENTAL EDUCATION**

**Commonwealth of Massachusetts**  
**Department of Labor Standards**

*William D. McKinney, Director*



**Asbestos Management Planner**

**DUSTIN A. DIEDRICKSEN**

Eff. Date 04/05/16

Exp. Date 04/05/17

AP900425

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

BOSR BOS-RENEW

**17**







*This is to certify that*

**Dustin A. Diedricksen**



*has completed the requisite training, and has passed an examination for  
reccreditation*

**Asbestos Management Planner Refresher**

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

Course Location

Institute for Environmental Education, Inc.  
16 Upton Drive Wilmington, MA 01887

January 19, 2017

Course Dates

17-0393-136-208040

Certificate Number

January 19, 2017

Examination Date

January 19, 2018

Expiration Date

  
\_\_\_\_\_  
Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272

www.ieetrains.com

**INSTITUTE FOR ENVIRONMENTAL EDUCATION**