Six-Month AHERA Periodic Surveillance

For Compliance With:
United States Environmental Protection Agency (EPA)
Asbestos Hazard Emergency Response Act (AHERA)
(Title 40 CFR, Part 763, Subpart E)

Bourne Public Schools

Bourne, Massachusetts

March 2019

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

Project No. 20121141.C80

FUSS & O'NEILL

March 29, 2016

Mr. Jordan Geist
Director of Business Services
Bourne Public Schools
36 Sandwich Road
Bourne, MA 02532

RE: **Six-Month AHERA Periodic Surveillance**
Surveillance Date: March 27, 2019
Bourne Public Schools
Fuss & O'Neill, Inc. Reference No. 20121141.C80

Dear Mr. Geist:

Enclosed is the Six-Month AHERA Periodic Surveillance report prepared by Fuss & O'Neill, Inc. (Fuss & O'Neill) for Bourne Public Schools (the "Client") for the following schools:

1. Bourne High School
2. Peebles Elementary School
3. Maintenance & Storage Buildings at Peebles Elementary School
4. Bourne Public Schools Administration Building

This report is an important document that must be included in the existing Asbestos Management Plan (AMP) 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.

Sincerely,

Dustin A. Diedricksen
Associate/Department Manager

DD/rs

Attachments

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

www.fando.com

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Bourne, Massachusetts

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1. Introduction

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

1. Bourne High School
2. Peebles Elementary School
3. Maintenance & Storage Buildings at Peebles Elementary School
4. Bourne Public Schools Administration Building

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 March 27, 2019, Ms. Heidi Keller of Fuss & O'Neill performed the periodic surveillance. This surveillance was based on available information from the current 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 Bourne Public Schools. 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 periodic surveillance are listed in the periodic surveillance forms included in this report.

3. Discussion

During this periodic surveillance, minor changes in condition 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. None of these types of suspect ACBM have been previously identified at these schools. In accordance with EPA National Emission Standards for Hazardous Air Pollutants (NESHAP), prior to disturbance, samples of the suspect ACBM must be collected and analyzed for asbestos content.

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4. Conclusion

Minor changes to 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 Analyst, Heidi Keller.

Reviewed by:

Dustin A. Diedricksen
Associate/Department Manager

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Periodic Surveillance Report

Bourne High School

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6-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

Facility Name: Bourne High School, 75 Waterhouse Road, Bourne, MA 02352

Date of Surveillance: March 27, 2019

ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	A-Wing, B-Wing, & C-Wing Pipe Tunnels	D	D	No	3 EA	2 EA damaged @ C-Wing (near pumps 7&8); 1 EA damaged @ A-Wing (above duct work)
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Graphic Arts Room (near AHU in back), Chemical Storage in Graphic Arts Room, Art Room (at AHU above Kiln & in Closet by Classroom Door), Basement Electrical Vault, Basement Storage Room across from Art Room, Materials Storage Room across from Basement Exit, & Basement Janitor's Closet (with slop sink)	G	G	No	N/A	2 EA @ Graphic Arts AHU 8 EA @ Chemical Storage 2 EA @ Art Room Kiln/AHU 4 EA @ Art Room Closet 2 EA @ Electrical Vault 4 EA @ Materials Storage 3 EA @ Janitor's Closet;

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Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Kitchen Storage (near AHU), Gymnasium, Duct Vault across from Gymnasium, Men's Bathroom Closet across from Cafeteria, & Girl's Locker Room Storage Closet	G	G	No	N/A	4 EA @ Kitchen Storage 5 EA @ Gymnasium 3 EA @ Duct Vault 8 EA @ Men's Bathroom 5 EA @ Girl's Storage;
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Janitor's Closet in Boy's Bathroom across from Classroom 14C	G	G	No	N/A	2 EA
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Concealed above Splined Ceilings in A, B, & C-Wings	IA	IA	N/A	N/A	
Roof Drain Mudded-Fitting Insulation	2nd Floor Custodian's Closet (across from elevator)	G	G	No	N/A	2 EA
Roof Drain Mudded-Fitting Insulation	2nd Floor Hallways above Splined Ceilings & Faculty Lunch Room	D	IA	N/A	1 EA	Assume damaged from previous condition noted
Gray Fiber-Reinforced Cement Exhaust Duct	Classrooms 22C & 24C	G	G	No	N/A	
Gray Fiber-Reinforced Cement Exhaust Duct	Concealed within Laboratory Benches in Classrooms 22C & 24C	G	G	No	N/A	
Gray Fiber-Reinforced Cement Fume Hood	Storage Room between Classrooms 22A & 24A	G	G	No	N/A	
White Vibration Isolator	Storage Room between Classrooms 22A & 24A	G	G	No	N/A	2 EA
Gray Fiber-Reinforced Cement Panel	Duct Vault across from Gymnasium	G	G	No	N/A	
Gray Fiber-Reinforced Cement Panel	Above Splined Ceilings at Fire Doors in Hallways	G	G	No	N/A	

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

Surveillance conducted by: Heidi J. Keller (print name) Heidi J Keller (signature)

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

Date: _____

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Periodic Surveillance Report

Peebles Elementary School

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6-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

Facility Name: James F. Peebles Elementary School, 70 Trowbridge Road, Bourne, MA 02532

Date of Surveillance: March 27, 2019

ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Original Building						
Friable TSI at Boiler Ribbing	Boiler Room	G	G	No	N/A	
White Friable TSI at Front Circular Panel	Boiler Room	G	G	No	N/A	
Exterior Gaskets at Metal Fixed-Panels	Boiler Room	G	G	No	N/A	
Tan Corrugated Paper-Type Pipe Insulation	1st & 2nd Floor Pipe Chases between Boy's & Girl's Bathrooms	G	G	No	N/A	
Tan Corrugated Paper-Type Pipe Insulation	Storage Room Across from Classroom 13	G	G	No	N/A	
Tan Corrugated Paper-Type Pipe Insulation	Concealed within Corridor Walls	IA	IA	N/A	N/A	
White Mudded Pipe-Fitting Insulation	1st & 2nd Floor Pipe Chases between Boy's & Girl's Bathrooms	G	G	No	N/A	
White Mudded Pipe-Fitting Insulation	Storage Room across from Classroom 13	G	G	No	N/A	

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Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
White Mudded Pipe-Fitting Insulation	Concealed within Corridor Walls	IA	IA	N/A	N/A	
White Ceiling Plaster Skim Coat	Basement Hallway (from Cafeteria to End of Hallway)	G	G	No	N/A	
White Ceiling Plaster Skim Coat	Classrooms 9 - 13	G	G	No	N/A	
White Ceiling Plaster Skim Coat	Storage Room across from Classroom 13	G	G	No	N/A	Plaster skim coat repaired on November 16, 2017
White Ceiling Plaster Skim Coat	Cafeteria	G	G	No	N/A	
White Vibration Isolator	Attic	G	G	No	N/A	
White Vibration Isolator	Stage	G	G	No	N/A	
Gray Fiber-Reinforced Cement Panel	Boiler Room Electrical Panel	G	G	No	N/A	
9" x 9" Tan with Green Splotch Floor Tile	Music Room & beneath Carpet in Conference Room Area	G	G	No	N/A	
9" x 9" Green with Streaks Floor Tile	Nurse's Office & Secretary's Office	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile	Stairwell to Attic & Stairwell from Attic Door to Cafeteria	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile	Main Office & Special Equipment Room	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile	Hallway from Main Office to Classroom 7	G	G	No	N/A	
9" x 9" Dark Brown with Tan Splotch Floor Tile	Special Ed Office (End of 1st Floor Hallway)	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile	Southwest Stairwell (Landings & Stair Treads)	G	G	No	N/A	

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Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
9" x 9" Tan with Streaks Floor Tile	Basement Hallway (from Cafeteria to Exit Door)	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile	Classroom 13	G	G	No	N/A	
Mudded Pipe-Fitting Insulation	Classrooms 17 & 23 Pipe Chase & Classrooms 16 & 22 Pipe Chase	G	G	No	N/A	
Mudded Pipe-Fitting Insulation	Custodial Closet between Classrooms 16 & 19 & Custodial Closet between Classrooms 14 & 17	G	G	No	N/A	Make sure stored material is not in contact with fittings
Mudded Pipe-Fitting Insulation	Crawlspace	IA	IA	N/A	N/A	
9" x 9" Gray with Streaks Floor Tile	1st Floor Annex to Original Building Connector Hallway; Classrooms: 15, 18, 21, & 24; Library; Library Stair Treads & Landings; 1st & 2nd Floor Hallways: Rear Stairwell (Landings & Stair Treads); & Custodial Closets	G	G	No	N/A	
9" x 9" Black with Streaks Floor Tile						
9" x 9" Brown with Streaks Floor Tile	Classrooms: 14, 16, 17, 19, 20, 22, 23, & 25	G	G	No	N/A	
9" x 9" Tan with Streaks Floor Tile						
White Vibration Isolator	Attic & Custodial Closet between Classrooms 16 & 19	G	G	No	N/A	

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Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Gray Fiber-Reinforced Cement Panel	Attic	G	G	No	N/A	

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

Surveillance conducted by: Heidi J. Keller (print name) Heidi J Keller (signature)

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

Date: _____

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Periodic Surveillance Report

Bourne Public Schools Administration Building

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6-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

Facility Address: Bourne Public Schools Administration Building, 36 Sandwich Road, Bourne, MA 02532

Date of Surveillance: March 27, 2019

ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Interior Boiler Components	Boiler Room	IA	IA	N/A	N/A	

Conditions: IA=Inaccessible; N/A = Not Applicable

Surveillance conducted by: Heidi J. Keller (print name) Heidi J Keller (signature)

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

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Periodic Surveillance Report

Maintenance & Storage Buildings at Peebles Elementary School

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6-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

Facility Name: Maintenance & Storage Buildings at Peebles Elementary School, 70 Trowbridge Road, Bourne, MA 20532)

Date of Surveillance: March 27, 2019

ACBM 6-Month Surveillance Report

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
9" x 9" Tan Floor Tile	Maintenance Building Restroom	D	N/A	Yes	N/A	Document floor tile removal and disposal
Gray Fiber-Reinforced Cement Ceiling Panels	Storage Building - Left Garage Bay	G	G	No	N/A	
Gray Drywall	Storage Building - Center & Right Garage Bays & 1st Floor Walls & Ceilings	G	G	No	N/A	
White Joint Compound	Storage Building - Right Garage Bay	G	G	No	N/A	

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

Surveillance conducted by: Heidi J. Keller _____ Heidi J Keller _____

(print name) (signature)

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

Date: _____

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Appendix A

Fuss & O'Neill Asbestos 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

HEIDI KELLER

Eff. Date 02/27/19
Exp. Date 02/27/20

AI900730

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

BOSR BOS-RENEW

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This is to certify that

Heidi Keller

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

Asbestos Project Monitor 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

June 14, 2018
Course Dates

18-1378-174-267547
Certificate Number

June 14, 2018
Examination Date

June 14, 2019
Expiration Date

Training Director