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

November 2019

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

Project No. 20121141.C90

FUSS & O'NEILL

January 9, 2020

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

RE: **Six-Month AHERA Periodic Surveillance**
Surveillance Date: November 8, 2019
Bourne Public Schools
Fuss & O'Neill, Inc. Reference No. 20121141.C90

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. Maintenance & Storage Buildings at Peebles Elementary School
3. 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/Environmental Department Manager

DD/rs

Attachments

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Bourne Public Schools
Bourne, Massachusetts

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APPENDIX A FUSS & O'NEILL ASBESTOS INSPECTOR STATE CERTIFICATION & EPA ACCREDITATION

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. Maintenance & Storage Buildings at Peebles Elementary School
3. 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 November 8, 2019, Mr. Lou Dias 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 existing ACBM identified in the AMPs. **Note that all ACBM identified at the former Peebles Elementary School were appropriately abated by an Asbestos Contractor prior to building demolition that occurred in Summer 2019.** 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.

4. Conclusion

Minor changes to the remaining 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 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, Lou Dias.

Reviewed by:



Dustin A. Diedricksen
Associate/Environmental 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: November 8, 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	D	Yes	1 LF	Repair damaged fitting
Roof Drain Mudded-Fitting Insulation	2nd Floor Hallways above Splined Ceilings & Faculty Lunch Room	IA	D	Yes	1 EA	1 Roof drain damaged at hallway adjacent to 24A (above suspended ceiling); roof leak
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	

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Gray Fiber-Reinforced Cement Panel	Above Splined Ceilings at Fire Doors in Hallways	G	G	No	N/A	

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

Surveillance conducted by: Lou Dias _____
(print name) (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

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: November 8, 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: Lou Dias (print name) _____ (signature)

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

Date: _____

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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: November 8, 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	N/A	N/A	N/A	N/A	Document floor tile removal & 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: Lou Dias (print name) _____ (signature)

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

Date: _____

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

LUIZ C. DIAS, JR.

Eff. Date 01/24/19
Exp. Date 01/24/20
AI900440
Member of C.O.N.E.S.
BOSR **BOS-RENEW**

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This is to certify that

Lou C. Dias Jr.

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

November 1, 2019
Course Dates

19-2172-106-207949
Certificate Number

November 01, 2019
Examination Date

November 01, 2020
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION