AHERA Six-Month Periodic Surveillance

For Compliance With:
United States Environmental Protection Agency (EPA)
Asbestos Hazard Emergency Response Act (AHERA)
(Title 40 CFR, Part 763, Subpart E) & Commonwealth of Massachusetts
Department of Labor Standards 454 CMR 28.00

Bourne Public Schools

Bourne, Massachusetts

April 2023



FUSS & O'NEILL

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

Project No. 20121141.C90

FUSS & O'NEILL

April 26, 2023

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

RE: **AHERA Six-Month Periodic Surveillance**
Surveillance Date: March 22, 2023
Bourne Public Schools
Fuss & O'Neill, Inc. Reference No. 20121141.C90

Dear Mr. Geist:

Enclosed is the AHERA Six-Month 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 Bourne Intermediate School

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

Attachments

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California
Connecticut
Maine
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SIX-MONTH PERIODIC SURVEILLANCE FORM – BOURNE HIGH SCHOOL

SIX-MONTH PERIODIC SURVEILLANCE FORM – MAINTENANCE & STORAGE BUILDINGS

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

ASBESTOS LABORATORY ANALYTICAL REPORT & CHAIN-OF-CUSTODY FORM

100%

1. Introduction

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

1. Bourne High School
2. Maintenance & Storage Buildings at Bourne Intermediate School

This 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) and the Commonwealth of Massachusetts Department of Labor Standards (MADLS) regulations (454 CMR 28.00).

On March 22, 2023, Mr. Jai Sanders of Fuss & O'Neill performed the Surveillance. This Surveillance was based on available information from the current Asbestos Management Plan (AMP) for each school.

2. Scope of Work

A six-month periodic surveillance involves the visual reassessment of any ACM or assumed ACM as identified in the AMPs prepared for Bourne Public Schools. The date of the Surveillance, as well as the location of each area, was noted along with any changes of the ACM condition. The results of this Surveillance are listed in the periodic surveillance forms included in this report.

3. Discussion

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

AHERA regulations pertain to interior identified or assumed asbestos-containing building materials (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. MADLS regulations require reassessment of conditions for all known or assumed ACM; this includes friable and non-friable ACM.

In accordance with EPA National Emission Standards for Hazardous Air Pollutants (NESHAP), Commonwealth of Massachusetts Department of Environmental Protection (MassDEP) (310 CMR 7.15(4)), and MADLS regulations, prior to disturbance, samples of the suspect ACBM/ACM must be collected and analyzed for asbestos content.

4. Conclusion

No changes were observed to the ACM compared with the most recent AMPs.

If renovation or demolition activities are scheduled that will impact identified ACM, the ACM must be removed by a MADLS-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, Jai Sanders.

Reviewed by:



Dustin A. Diedricksen
Associate | Department Manager

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Six-Month Periodic Surveillance Form

Bourne High School

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Six-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 22, 2023

ACM Six-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 Pipe Tunnels	D	D	No	1 EA	Damaged at A-Wing (above ductwork)
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	B-Wing Pipe Tunnels	G	G	No	N/A	
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	C-Wing Pipe Tunnels	D	D	No	2 EA	Damaged at C-Wing (near pumps 7 & 8)

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)	Graphic Arts Room (near AHU in back)	G	G	No	N/A	2 EA @ Graphic Arts AHU
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Chemical Storage in Graphic Arts Room	G	G	No	N/A	8 EA @ Chemical Storage
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Art Room (at AHU above Kiln & in Closet by Classroom Door)	G	G	No	N/A	2 EA @ Art Room Kiln/AHU
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Basement Electrical Vault	G	G	No	N/A	2 EA @ Electrical Vault
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Basement Storage Room across from Art Room	G	G	No	N/A	4 EA @ Art Room Closet

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)	Materials Storage Room across from Basement Exit	G	G	No	N/A	4 EA @ Materials Storage
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Basement Janitor's Closet (with slop sink)	G	G	No	N/A	3 EA @ Janitor's Closet
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Room 17C	D	D	No	1 EA	1 of 10 Fittings Damaged
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Kitchen Storage (near AHU)	G	G	No	N/A	4 EA @ Kitchen Storage
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Gymnasium	G	G	No	N/A	5 EA @ Gymnasium

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)	Duct Vault across from Gymnasium	G	G	No	N/A	3 EA @ Duct Vault
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Men's Bathroom Closet across from Cafeteria	G	G	No	N/A	8 EA @ Men's Bathroom
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Girl's Locker Room Storage Closet	G	G	No	N/A	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-Wing	IA	IA	N/A	N/A	
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Concealed above Splined Ceilings in B-Wing	IA	IA	N/A	N/A	
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Concealed above Splined Ceilings in C-Wing	IA	IA	N/A	N/A	

Asbestos-Containing Building Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Roof Drain Mudded-Fitting Insulation	2nd Floor Custodian's Closet (across from elevator)	D	D	No	1 LF	Repair Damaged Fitting
Roof Drain Mudded-Fitting Insulation	Faculty Lunch Room	D	IA	N/A	1 EA	Above Ceiling
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	
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	

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

Surveillance conducted by: Jai Sanders (print name) _____ (signature)

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

Date: _____

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Six-Month Periodic Surveillance Form

Maintenance & Storage Buildings

FUSS & O'NEILL

Six-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

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

Date of Surveillance: March 22, 2023

ACM Six-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	Floor tile may be present underneath cabinet
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	
12" x 12" Beige Floor Tile	Storage Building 2nd Floor Bathroom	G	G	No	N/A	
Yellow/Black Mastic Associated with 12" x 12" Floor Tile	Storage Building 2nd Floor Bathroom	G	G	No	N/A	

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

Surveillance conducted by: Jai Sanders (print name) _____ (signature)

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

Date: _____

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

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

Michael Flanagan
Director

Asbestos Inspector

JAIMORRI SANDERS

Eff. Date 12/07/22
Exp. Date 12/07/23

AI901146

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

HVRI **HV**

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This is to certify that

Jaimorri J Sanders

108 Myrtle St, Suite 502, Quincy, MA 02171
MA DLS Asbestos Inspector License# AI901146

has completed requisite training by Video Conference, 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
Zoom Video Conference
Institute for Environmental Education 16 Upton Drive Wilmington, MA 01887

March 3, 2023
Course Dates

March 03, 2023
Examination Date

23-4801-106-403351
Certificate Number

March 03, 2024
Expiration Date

Training Director

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

INSTITUTE FOR ENVIRONMENTAL EDUCATION