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Asbestos Hazard Emergency Response Act Three-Year Reinspection & Asbestos Management Plan Update

Bourne High School
75 Waterhouse Road
Bourne, MA

For Compliance with
Commonwealth of Massachusetts Department of Labor Standards (MADLS)
Asbestos-Containing Materials in Schools Regulation (454 CMR 28.00)
and
EPA Asbestos Hazard Emergency Response Act
(Title 40 CFR, Part 763, Subpart E)

Bourne Public Schools
Bourne, MA

April 2026

FUSS & O'NEILL
1250 Hancock Street, Suite 815N
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October 2, 2026

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

RE: AHERA Three-Year Reinspection & Asbestos Management Plan Update
Bourne High School
75 Waterhouse Road, Bourne, Massachusetts
Fuss & O'Neill Project No. 120.0121141.001

Dear Mr. Geist:

Enclosed is the AHERA Three-Year Reinspection and Asbestos Management Plan Update report prepared by Fuss & O'Neill, Inc. (Fuss & O'Neill) for Bourne High School located at 75 Waterhouse Road in Bourne, Massachusetts. The inspection was performed for Bourne Public Schools (the "Client").

This report is an important document that must be kept on file at the school as well as at a central location where the Asbestos Management Plans are maintained.

If you should have any questions regarding this report, please do not hesitate to contact me. Thank you for this opportunity to have served your environmental needs.

Sincerely,

Dustin A. Diedricksen
Associate

Enclosure

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1 Introduction

1.1 Background

The Clean Air Act required the United States Environmental Protection Agency (EPA) to develop standards to address the potential health risks associated with adverse effects of asbestos exposure as an indoor contaminant. In October 1986, the EPA promulgated the Asbestos Hazard Emergency Response Act (AHERA) located at Title 40 CFR, Part 763, Subpart E.

The AHERA regulations require that local education agencies (LEAs) conduct inspections of each school building that they lease, own, or otherwise use as a school building to identify friable (easily crumbled or crushed to powder by hand pressure) and non-friable asbestos-containing building materials (ACBM) locations. The original inspections were required to have been completed prior to October 12, 1988.

AHERA also requires that buildings leased or acquired on or after October 12, 1988, that are to be used as a school building, shall be inspected for friable and non-friable ACBM prior to use as a school building. In the event of an emergency use of a building that has not been inspected for ACBM, the building shall be inspected within 30 days after commencement of such use.

The Commonwealth of Massachusetts Department of Labor Standards (MADLS) regulations require reassessment of conditions for all known or assumed asbestos-containing materials (ACM), this includes all friable and non-friable ACM/ACBM. In the Commonwealth of Massachusetts, MADLS is responsible for AHERA regulation enforcement.

The regulatory requirements remain in effect for a private or public school system, a church-affiliated school of any denomination, a school dedicated to the education of children with special needs, or a charter school.

1.2 Local Education Agency (LEA) Responsibilities

A. The LEA is responsible for compliance with the AHERA regulation. The following responsibilities must be followed:

1. The LEA must designate a person to ensure that all of the AHERA requirements are properly implemented. The Designated Person must receive adequate training to perform their duties.

2. The LEA must ensure that Asbestos Management Plans (AMPs) are maintained in a central location as well as at each facility, and such plans and records are available for inspection or review at all times.

3. The LEA must inform all workers, building occupants or their legal representatives in writing at least once per school year about asbestos-related activities, and the availability of the AHERA AMPs for the school buildings.

4. The LEA must ensure proper accreditations for all persons who perform asbestos inspections, asbestos re-inspections, develop/update AMPs, develop response actions, and perform required response actions including operations and maintenance (O&M) activities that may disturb asbestos.

5. The LEA must provide training for all custodial and maintenance staff who regularly perform building maintenance where ACM are present. The training must be provided upon initial hire as well as annual updates.

6. The LEA must provide information (disclosure) to any workers who may perform short-term work and may come into contact with asbestos in school buildings where ACM or assumed ACM are present.

7. The LEA must ensure that known ACM or assumed ACM are provided with warning labels in routine maintenance areas.

8. The LEA must ensure that periodic surveillance is performed at least once every six months, after AMP implementation, in all school buildings that it leases, owns, or otherwise uses that contains ACM or assumed ACM.

9. The LEA must ensure that once every three years, after an AMP is implemented, a reinspection is performed at each school building that it leases owns or otherwise uses that contains ACM or presumed ACM.

Refer to above-mentioned regulation for full requirements and responsibilities.

1.3 Accreditation

A. Local Education Agency (LEA)

LEA:	Bourne Public Schools
Address:	36 Sandwich Road Bourne, MA 02532
Phone:	(508) 759-0660

B. Designated Person

Designated Person:	Mr. Jordan Geist
Address:	36 Sandwich Road Bourne, MA 02532
Phone:	(508) 759-0660

C. Asbestos Consultant Data

Firm:	Fuss & O'Neill, Inc.
Address:	1250 Hancock Street, Suite 815N Quincy, MA 02169
Phone:	(617) 282-4675

D. Asbestos Inspector

Inspector:	Max Segatore
MADLS License Number:	AI9000440
Expiration Date:	07/10/2026

E. Asbestos Management Planner:

Planner:	Dustin A. Diedricksen
MADLS License Number	AP900425
Expiration:	02/27/2027

2 Building Description

Bourne High School is a two-story, concrete and masonry structure with a partial basement level. The building was reportedly constructed in 1959, and it has undergone several renovation phases. An addition was reportedly constructed in 1990; it included the auditorium, the library, and several classrooms.

Three hot-water, gas-fired boilers provide heat to the building. Hot water is transferred through pipes via pipe tunnels to unit ventilators.

3 Three Year Reinspection

3.1 Reinspection Procedures

This three-year asbestos reinspection was conducted in accordance with EPA requirements of the AHERA regulation (Title 40 CFR, Part 763, Section 763.85(b)) and MADLS Requirements for Schools Subject to AHERA (454 CMR 28.13).

On April 30, 2026, Fuss & O'Neill, Inc. (Fuss & O'Neill) representative, Mr. Max Segatore, performed the reinspection.

During the reinspection, Fuss & O'Neill conducted the following required tasks:

1. A visual reinspection and reassessment of all known or assumed ACM.

2. A visual reinspection of ACM that was previously considered non-friable to determine if the present condition of the material has become friable.

3. Identification and assessment of any newly identified homogeneous area that contained ACM since the last inspection or reinspection.

4 Reinspection Report

4.1 Review of Existing Records

An important part of this AHERA reinspection involved researching prior documentation that is required to be present at the School as well as at the central recordkeeping location where the AMPs are stored.

Please see *Appendix A* for the checklist for existing records.

4.2 Reinspection Summary

The on-site portion of the reinspection was documented on forms modeled after examples provided by the EPA. The first form, **Reinspection Form 1**, identifies previous inspection data gathered during the initial AHERA inspection and subsequent reinspections (see *Appendix B*). This form is useful to reference response actions (if any), which have been performed since the last inspection, as well as identifies the last known conditions of ACM in the building. It additionally provides the inspector a "quick glance" reference when performing the reinspection.

The second EPA form, **Reinspection Form 2**, was used to provide information and justification regarding reassessment of the ACM (see *Appendix C*). This form also provides response action recommendations, including a tentative schedule for completing response actions that recommend removal or repair.

No new samples were collected during this reinspection. Refer to *Appendix D* for previously sampled materials laboratory reports and chain-of-custody forms.

Using EPA protocol and criteria, the following materials existing in the Bourne High School at the time of this three-year reinspection have been determined and/or assumed to be **ACM**. Please refer to the above-mentioned Reinspection Forms for specific locations of the materials.

Table 1
Asbestos-Containing Materials

Material	Location	Reference	Asbestos Content
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	A-Wing, B-Wing, & C-Wing Pipe Tunnels	Initial AMP prepared by EnviroScience Consultants (1988) (Sample ID: SDH-0811-88-01); Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample ID: 721JH-07A)	70 % Chrysotile; 50% Chrysotile; 2% Amosite
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), & Room 17C		
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		
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Janitor's Closet in Boys' Bathroom across from Classroom 14C		
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Concealed above Splined Ceilings in A, B, & C-Wings		
Gray Roof Drain Mudded-Fitting Insulation	2nd Floor Custodian's Closet (across from elevator)	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample ID: 721JH-06A)	40% Chrysotile; 5% Amosite
Gray Roof Drain Mudded-Fitting Insulation	Faculty Lunch Room		
Gray Fiber-Reinforced Cement Exhaust Duct	Classrooms 22C & 24C	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample ID: 721JH-08A)	25% Chrysotile
Gray Fiber-Reinforced Cement Exhaust Duct	Concealed within Laboratory Benches in Classrooms 22C & 24C	Assumed ACBM	Assumed ACBM
Gray Fiber-Reinforced Cement Fume Hood	Storage Room between Classrooms 22A & 24A	Assumed ACBM	Assumed ACBM

Material	Location	Reference	Asbestos Content
Gray Fiber-Reinforced Cement Panel	Duct Vault across from Gymnasium	Assumed ACBM	Assumed ACBM
Gray Fiber-Reinforced Cement Panel	Above Splined Ceilings at Fire Doors in Hallways	Assumed ACBM	Assumed ACBM

Using the EPA protocol, samples of the following suspect materials were collected and analyzed. The analytical results indicated that these materials are **non-ACM**:

Table 2
Non-Asbestos-Containing Materials

Material	Location	Reference
2' x 2' White Fissured Suspended Ceiling Tile	Cafeteria, Hallway between Cafeteria & Gymnasium, & Hallway between Gymnasium & Main Offices	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-11A -11C)
1' x 1' White Fissured Splined Ceiling Tile	A, B, & C-Wing Hallways & Classrooms (except Classrooms 11A, 13A, & 15A)	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-09A -09C)
1' x 1' White Pin Hole Splined Ceiling Tile		Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-10A -10C)
2' x 4' White Fissure & Dot Suspended Ceiling Tile	D-Wing Hallways & Classrooms, Auditorium, Library, & Classrooms: 11A, 13A, & 15A	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-12A -12C)
Black Mastic associated with 12" x 12" Floor Tile	Throughout School (Classrooms, Offices, & Hallways)	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-18A -18D)
Small Boiler Insulation - Top Gray Layer	C-Wing Boiler Room	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-01A -01C)
Smaller Boiler Insulation - Bottom White Layer	C-Wing Boiler Room	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-02A -02C)
White/Gray Boiler Breeching	C-Wing Boiler Room	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-03A -03C)

Material	Location	Reference
White/Gray Boiler Breeching	A-Wing Boiler Room	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-04A -04C)
White/Gray Hot Water Heater Breeching	Pipe Tunnel (Art Wing)	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-05A -05C)
12" x 12" Brown with Brown & White Speckles Floor Tile	A, B, C, & D-Wing Hallways	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-13A -13C)
12" x 12" White with Gray & Tan Speckles Floor Tile	Room 13A, Math Department Office, & Main Office	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-14A -14C)
12" x 12" White with Tan Speckles Floor Tile	Room 14A	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-15A -15C)
12" x 12" Gray with White Speckles Floor Tile	Language Arts Department Office and Room 20D	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-16A -16C)
12" x 12" Tan with Brown & White Speckles Floor Tile	Room 26D	Limited Asbestos Inspection Report prepared by Fuss & O'Neill (2009) (Sample IDs: 721JH-17A -17C)

Mr. Dustin Diedricksen reviewed the information obtained during this reinspection. Mr. Diedricksen is an EPA-accredited and a Massachusetts-licensed Asbestos Management Planner.

4.3 Newly Identified or Resampled ACM

No newly identified ACM was observed or sampled during this reinspection.

AHERA regulations pertain to interior identified or assumed ACM and limited exterior ACM. AHERA regulations do include ACM located on exterior porticos, covered walkways, and mechanical equipment used to condition interior building air.

Any suspect material encountered during renovation/demolition/maintenance activities that is not specifically identified in the AMP as a non-ACM should be assumed to contain asbestos unless sample results indicate otherwise.

Safety Data Sheets (SDS) should be obtained and kept with the AHERA documentation for any newly installed materials in order to meet AHERA requirements. These SDS must demonstrate that ACM were not installed in the building. We recommend that SDS for newly installed materials be inserted into *Appendix E.*

4.4 Physical Assessment of ACM

During inspection, suspect ACM were separated into three EPA categories. These categories are Thermal System Insulation (TSI), Surfacing ACM, and Miscellaneous ACM. TSI includes all materials used to prevent heat loss/gain or water condensation on mechanical systems. Examples of TSI are pipe and fitting insulations, boiler insulation, and duct insulation. Surfacing ACM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous ACM include all ACM not listed in TSI or Surfacing ACM, such as sheet flooring, vinyl asbestos flooring, ceiling tiles, and construction mastics/adhesives.

Finally, ACM were quantified in linear and/or square feet, depending on the nature of the material.

The ACM identified during the inspection and still remaining in the School were reassessed using the MADLS and AHERA guidelines for assessment of ACM. The following assessment categories are listed:

1 Damaged or significantly damaged TSI ACM
2 Damaged friable surfacing ACM
3 Significantly damaged friable surfacing ACM
4 Damaged or significantly damaged friable miscellaneous ACM
5 ACBM with potential for damage
6 ACBM with potential for significant damage
7 Any remaining friable ACBM or friable suspected ACBM

Material locations, assessments, and recommended response actions are listed in the Reinspection Forms.

5 Asbestos Management Plan Update

5.1 Recommended Response Actions

Based on the inspection report, physical walkthrough inspection, and existing ACM conditions, the following response actions are recommended:

1. Removal – Room 17C: 1 damaged mudded pipe-fitting insulation (associated with fiberglass pipe insulation)

2. Repair - Not Applicable

3. Enclosure - Not Applicable

4. Encapsulation - Not Applicable

5. Operations and Maintenance (O & M) Program - All remaining ACM

It should be noted that only ACM with assessments of 1 or 2 are recommended for removal or repair. The remaining ACM should be included in the O & M Program. The condition of these ACM will be monitored until all of the ACM have been completely removed from the building. A successful O & M Program includes the following elements:

A. Cleaning: All areas of the school where friable ACM or assumed friable ACM are present should be cleaned at least once after completion of the initial inspection. Additional cleaning may be necessary if the Asbestos Management Planner makes a written recommendation indicating the methods and frequency of such cleaning.

B. O & M Activities: The LEA shall ensure that the procedures described below are followed to protect building occupants from O & M activities that may disturb known or assumed ACM:

    1. Restrict entry into the area either by physically isolating or by scheduling.
    2. Post asbestos warning signs to prevent entry by unauthorized persons.
    3. Deactivate or temporarily shunt the air-handling system to the area.
    4. Use proper work practices and engineering controls, such as wet methods, protective clothing, HEPA-vacuums, mini-enclosures/glove bags, etc. to inhibit fiber migration.
    5. Place asbestos debris and other contaminated materials into a sealed, leak-tight container for disposal.

C. Minor Fiber Release Episode: The LEA shall ensure that the procedures described below are followed in the event of a minor fiber release episode (i.e., disturbance of less than or equal to 3 linear/square feet of friable ACM):

    1. Saturate the debris using wet method.
    2. Place the debris in a sealed, leak-tight container and clean the area.
    3. Repair the area of damaged ACM with materials such as asbestos-free spackling, plaster or insulation or seal with an encapsulant.

D. Major Fiber Release Episode: The LEA shall ensure that the procedures described below are followed in the event of a major fiber release episode (i.e., disturbance of greater than three (3) linear/square feet of friable ACM):

    1. Restrict entry into the area and post asbestos warning signs.
    2. Deactivate or temporarily shunt the air handling system from the area to prevent fiber migration.
    3. The response action for any major fiber release episode must be prepared by EPA-accredited Asbestos Project Designers and conducted by EPA-accredited personnel.
    4. The LEA shall notify the MADLS of any major fiber release episode within twenty-four hours of its occurrence and, if necessary, provide written notification as required by applicable federal and/or state regulations.

5.2 Periodic Surveillance

At least once every six months after an AMP is implemented, the LEA will conduct periodic surveillance in the school that contains ACM or assumed ACM. The person conducting periodic surveillance will visually inspect all areas in the school where ACM have been identified in the AMP, record the date of surveillance, their name, any changes in the ACM condition and submit the record to the LEA's Designated Person for inclusion in the AMP.

Please see *Appendix F* for the Sample Six-Month Periodic Surveillance Form that may be used for conducting periodic surveillance.

5.3 Preventive Measures

The LEA shall institute appropriate preventive measures to eliminate the reasonable likelihood that ACM will become damaged, deteriorated, and/or delaminated.

Please see *Appendix G* for preventive measures designed for various types of ACM that may exist in the School.

5.4 Abatement (Removal) Cost Estimates

Costs for abatement (removal) of all ACM in the building are as follows:

Table 3
Abatement Cost Estimates

Material	Location	Estimated Quantity	Estimated Contractor Cost
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	A, B, & C-Wing Pipe Tunnels, 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), Kitchen Storage (near AHU), Gymnasium, Duct Vault across from Gymnasium, Men's Bathroom Closet across from Cafeteria, Girl's Locker Room Storage Closet, Janitor's Closet in Boys' Bathroom across from Classroom 14C, & Concealed above Splined Ceilings in A, B, & C-Wings	525 EA	$26,250
Gray Roof Drain Mudded-Fitting Insulation	2nd Floor Custodian's Closet (across from elevator) & Faculty Lunch Room	2 EA	$2,500 (Lump Sum)
Gray Fiber-Reinforced Cement Exhaust Duct	Classrooms 22C & 24C & Concealed within Laboratory Benches in Classrooms 22C & 24C	160 SF	$3,500 (Lump Sum)
Gray Fiber-Reinforced Cement Fume Hood	Storage Room between Classrooms 22A & 24A	1 EA	$3,500 (Lump Sum)

EA = Each; SF = Square Feet

Asbestos training costs for custodial and maintenance workers (under O&M Program) are as follows:

Table 4
Asbestos Training Cost Estimates

Training Course	Estimated Cost
Two-Hour Asbestos Awareness Training (Annual)	$100/Person/Year
Asbestos Coordinator/LEA Designated Person Initial Training	$350/Person
Asbestos Coordinator/LEA Designated Person Annual Refresher Training	$300/Person/Year
Asbestos Operations & Maintenance Initial Training	$350/Person
Asbestos Operations & Maintenance Annual Refresher Training	$175/Person/Year
Three-Year Reinspection & AMP Update	$6,500 - $10,000

6 EPA Accreditation Requirements

The EPA accreditations and the MADLS Asbestos Inspector and Asbestos Management Planner certifications for Mr. Segatore and Mr. Diedricksen are provided in *Appendix H*.

Report prepared by:



Dustin A. Diedricksen
Hazardous Building Materials Discipline Leader

Appendix A

Existing Records Checklist

FUSS & O'NEILL

Existing Records Checklist

Local Education Agency (LEA): Bourne Public Schools
36 Sandwich Road
Bourne, MA 02532

School Building: Bourne High School

The following documentation is required to be present in both the LEA's office as well as in a centralized location in the school administrative office. The information included in this checklist will be verified to be present and complete as part of the three-year reinspection.

RECORDKEEPING REVIEW	
1. **Designated Person statement**: is it signed, includes contact information and training documentation	YES NO Comments: **Mr. Geist will review and sign upon receipt of updated AMP**
2. **Training Documentation**: have all custodial and maintenance personnel received two-hour awareness training?	YES NO Comments: **Documents made available**
3. **Annual Notifications**: Are dated copies in the plan? Is the method of notification indicated?	YES NO Comments: **High School Admin. Office**
4. **Periodic Surveillance**: Are dated copies in the plan for each 6-month periodic surveillance?	YES NO Comments: **High School Admin. Office**
5. **Outside Contractors**: Does the LEA notify outside vendors that asbestos is present? Method used?	YES NO Comments: **Review AMPs**
6. **Response Action Records**: For any asbestos abatement in the last 5 years, are response action records included? See checklist of records.	YES NO Comments: **N/A**
7. **Bulk Sample Reports**: Are laboratory reports included for any suspect ACM that is not assumed ACM? Do reports indicate the location of each sample and the type of material sampled?	YES NO YES NO Comments: **High School Admin. Office**
8. **Management Plan**: Is a copy located in each school office and the LEA office?	YES NO Comments: **High School Admin. Office**
9. **Warning Signs**: Are warning signs posted in routine maintenance and storage areas where ACM is present?	YES NO Comments: N/A
10. **Architect Statement**: Is the architect statement present for any new construction, renovation, addition?	YES NO Comments: N/A

Comments: Items marked "***No***" indicate not present/available at the time of this inspection.

Inspector (LEA Office): Max Segatore Date: April 30, 2026

Inspector (School): Max Segatore Date: April 30, 2026

Appendix B

Reinspection Form 1A

School: Maintenance & Storage Buildings Date(s) of Original Inspection: 1988
Address 70 Trowbridge Road, Bourne, MA Date(s) of Subsequent Reinspections: 1994, 1998, 2001, 2004, 2007, 2011, 2014, 2017, 2021, 2023, & 2026

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	5	A-Wing, B-Wing, & C-Wing Pipe Tunnels	
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	6	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 Storage Room across from Art Room, Materials Storage Room across from Basement Exit, & Basement Janitor's Closet (with slop sink)	
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	1	Room 17C	Remove 1 damaged pipe-fitting insulation

School: Maintenance & Storage Buildings Date(s) of Original Inspection: 1988
Address 70 Trowbridge Road, Bourne, MA Date(s) of Subsequent Reinspections: 1994, 1998, 2001, 2004, 2007, 2011, 2014, 2017, 2021, 2023, & 2026

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	6	Kitchen Storage (near AHU), Gymnasium, Men's Bathroom Closet across from Cafeteria, & Girl's Locker Room Storage Closet	
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	5	Duct Vault across from Gymnasium & Basement Electrical Vault	
SDH-0811-88-01 & 721JH-07A	70% Chrysotile & 50% Chrysotile; 2% Amosite	White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	TSI	F	5	Janitor's Closet in Boys' Bathroom across from Classroom 14C	

School: Maintenance & Storage Buildings Date(s) of Original Inspection: 1988
Address 70 Trowbridge Road, Bourne, MA Date(s) of Subsequent Reinspections: 1994, 1998, 2001, 2004, 2007, 2011, 2014, 2017, 2021, 2023, & 2026

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721JH-06A	40% Chrysotile; 5% Amosite	Gray Roof Drain Mudded-Fitting Insulation	TSI	F	5	2nd Floor Custodian's Closet (across from elevator)	
721JH-06A	40% Chrysotile; 5% Amosite	Gray Roof Drain Mudded-Fitting Insulation	TSI	F	5	Faculty Lunchroom	Above ceiling
721JH-08A	25% Chrysotile	Gray Fiber-Reinforced Cement Exhaust Duct	Misc.	NF	5	Classrooms 22C & 24C	
Assumed ACBM	Assumed ACBM	Gray Fiber-Reinforced Cement Exhaust Duct	Misc.	NF	5	Concealed within Laboratory Benches in Classrooms 22C & 24C	
Assumed ACBM	Assumed ACBM	Gray Fiber-Reinforced Cement Fume Hood	Misc.	NF	5	Storage Room between Classrooms 22A & 24A	

School: Maintenance & Storage Buildings Date(s) of Original Inspection: 1988
Address 70 Trowbridge Road, Bourne, MA Date(s) of Subsequent Reinspections: 1994, 1998, 2001, 2004, 2007, 2011, 2014, 2017, 2021, 2023, & 2026

Homogeneous Material			Material Category	Friability	Assessment Category (1-7)	Recorded Locations	Response Actions Taken/Renovations/Other Comments
Sample Number	Asbestos Content	Material Description					
Assumed ACBM	Assumed ACBM	Gray Fiber-Reinforced Cement Panel	Misc.	NF	5	Duct Vault across from Gymnasium & above Splined Ceilings at Fire Doors in Hallways	

Information abstracted by: Max Segatore Date: April 30, 2026

Material Category: TSI = Thermal System Insulation, Surf. = Surfacing, Misc. = Miscellaneous

Friability: F = Friable, NF = Non-Friable

IA = Inaccessible

AHERA Assessment Categories: 1 = Damaged or significantly damaged TSI ACM; 2 = Damaged friable surfacing ACM; 3 = Significantly damaged friable surfacing ACM; 4 = Damaged or significantly damaged friable miscellaneous ACM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACB

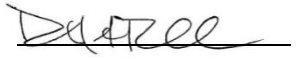
Appendix C

Reinspection Form 2

Reinspection Form 2. Reinspection of ACM: Findings and Management Planner Recommendations

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: White Mudded Pipe-Fitting Insulation Sample ID Number: SDH-0811-88-01 & 721JH-07A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
A-Wing, B-Wing, & C-Wing Pipe Tunnels, Duct Vault across from Gymnasium, & Basement Electrical Vault	F	~125 EA	5	ACM with potential for damage	Routine cleaning is not recommended within pipe tunnels (with dirt floor), duct vault across from the gymnasium, and basement electrical vault. Restricted access to these areas shall continue. No damaged, friable TSI or suspect debris was observed at the time of this re-inspection in the pipe tunnels, duct vault across from gymnasium, and basement electrical vault. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: White Mudded Pipe-Fitting Insulation Sample ID Number: SDH-0811-88-01 & 721JH-07A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
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 Storage Room across from Art Room, Materials Storage Room across from Basement Exit, Basement Janitor's Closet (with slop sink), Kitchen Storage (near AHU), Gymnasium, Duct Vault across from Gymnasium, Men's Bathroom Closet across from Cafeteria, & Girl's Locker Room Storage Closet	F	39 EA	6	ACM with potential for significant damage	No damaged, friable TSI or suspect debris was observed at the time of this reinspection. It is recommended that periodic cleaning shall be performed at least semiannually at these locations. All cleaning must be performed by a person who is at least qualified as an Asbestos-Associated Project Worker, and HEPA-vacuuming and wet-cleaning methods are required. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	

School: Bourne High School Date of Reinspection: April 30, 2026

Inspector's Name: Max Segatore Inspector Signature: _____ Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026	Management Planner Name: Dustin Diedricksen Management Planner Signature: _____ Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____	

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: White Mudded Pipe-Fitting Insulation Sample ID Number: SDH-0811-88-01 & 721JH-07A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Room 17C	F	10 EA	1	Damaged or significantly damaged TSI ACM	One (1) damaged mudded pipe-fitting insulation (associated with fiberglass pipe insulation) should be removed when the School is unoccupied. It is recommended that periodic cleaning shall be performed at least semiannually at this location. All cleaning must be performed by a person who is at least qualified as an Asbestos-Associated Project Worker, and HEPA-vacuuming and wet-cleaning methods are required. Maintain under O&M Program	Winter Break/ Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature: Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature: Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	

School: Bourne High School Date of Reinspection: April 30, 2026

I, the LEA's Designated Person, have read and understood the recommendations made above: _____

Date: _____

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: White Mudded Pipe-Fitting Insulation Sample ID Number: SDH-0811-88-01 & 721JH-07A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Janitor's Closet in Boys' Bathroom across from Classroom 14C	F	2 EA	5	ACM with potential for damage	No damaged, friable TSI or suspect debris was observed at the time of this re-inspection. It is recommended that periodic cleaning shall be performed at least semiannually at this location. All cleaning must be performed by a person who is at least qualified as an asbestos associated project worker, and HEPA-vacuuming and wet-cleaning methods are required. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

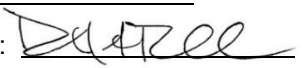
School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: White Mudded Pipe-Fitting Insulation Sample ID Number: SDH-0811-88-01 & 721JH-07A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Concealed above Splined Ceilings in A, B, & C-Wings	F	Unknown	5	ACM with potential for damage	Routine cleaning is not recommended at concealed locations. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature: _____ Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature: _____ Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Roof Drain Mudded-Fitting Insulation Sample ID Number: 721JH-06A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
2nd Floor Custodians' Closet (across from elevator)	F	2 EA	5	ACM with potential for damage	Periodic cleaning should start immediately following fitting repair and performed at least semiannually at these locations. All cleaning must be performed by a person who is at least qualified as an asbestos associated project worker, and HEPA-vacuuming and wet-cleaning methods are required. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: March 25, 2021	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Roof Drain Mudded-Fitting Insulation Sample ID Number: 721JH-06A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Above Splined Ceiling in Faculty Lunch Room	F	Unknown	5	ACM with potential for damage	Routine cleaning is not recommended at concealed locations. Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Fiber-Reinforced Cement Exhaust Duct Sample ID Number: 721JH-08A

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Classrooms 22C & 24C	NF	56 SF	5	ACM with potential for damage	Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Fiber-Reinforced Cement Exhaust Duct Sample ID Number: Assumed ACM

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Concealed within Laboratory Benches in Classrooms 22C & 24C	NF	100 SF	5	ACM with potential for damage	Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

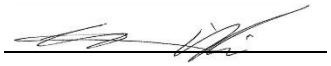
School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Fiber-Reinforced Cement Exhaust Duct Sample ID Number: Assumed ACM

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Storage Room between Classrooms 22A & 24A	NF	1 EA	5	ACM with potential for damage	Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

School: Bourne High School Date of Reinspection: April 30, 2026

Homogeneous Material: Gray Fiber-Reinforced Cement Panel Sample ID Number: Assumed ACM

ACM RE-INSPECTION FINDINGS					MANAGEMENT PLANNER RECOMMENDATIONS	
ACM Location(s) by Assessment Category	**Friability**	**Estimated Quantity**	**Assessment Category**	**Physical Description**	**Recommended Response Action(s)**	**Date Action Completed**
Duct Vault across from Gymnasium & above Splined Ceilings at Fire Doors in Hallways	NF	200 SF	5	ACM with potential for damage	Maintain under O&M Program	Ongoing
Were additional samples of this ACM collected? No					Date of Management Planner Review: June 12, 2026	
Inspector's Name: Max Segatore Inspector Signature:  Accreditation #/State: AI900440/MA Expiration Date: 07/10/2026					Management Planner Name: Dustin Diedricksen Management Planner Signature:  Accreditation #/State: AP900425/MA Expiration Date: 02/27/2027	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____ Date: _____						

Appendix D

Previously Sampled Materials Laboratory Report & Chain of Custody Form

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675

Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
721JH-01A *030918763-0001*	C WING BOILER ROOM/ SMALL BOILER INSULATION GRAY	Gray Fibrous Homogeneous	20%	Glass	60% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
721JH-01B *030918763-0002*	C WING BOILER ROOM/ SMALL BOILER INSULATION GRAY	Gray Fibrous Homogeneous	25%	Glass	60% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
721JH-01C *030918763-0003*	C WING BOILER ROOM/ SMALL BOILER INSULATION GRAY	Gray Fibrous Homogeneous	25%	Glass	60% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
721JH-02A *030918763-0004*	C WING BOILER ROOM/ SMALL BOILER INSULATION WHITE	White Fibrous Homogeneous	10%	Glass	80% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
721JH-02B *030918763-0005*	C WING BOILER ROOM/ SMALL BOILER INSULATION WHITE	White Fibrous Homogeneous	10% 3%	Glass Synthetic	80% Ca Carbonate 7% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675
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Customer PO:
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EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	% Type
721JH-02C *030918763-0006*	C WING BOILER ROOM/ SMALL BOILER INSULATION WHITE	White Fibrous Homogeneous	10% 2%	Glass Synthetic	80% 8%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-03A *030918763-0007*	C WING BOILER ROOM/ BOILER BREECHING	Gray/Yellow Fibrous Homogeneous	30%	Glass	60% 10%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-03B *030918763-0008*	C WING BOILER ROOM/ BOILER BREECHING	Yellow Fibrous Homogeneous	10% 5%	Cellulose Glass	70% 15%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-03C *030918763-0009*	C WING BOILER ROOM/ BOILER BREECHING	Yellow Fibrous Homogeneous	10% 5%	Cellulose Glass	70% 15%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-04A *030918763-0010*	A WING BOILER ROOM/ BOILER BREECHING	Yellow Fibrous Homogeneous	10% <1%	Cellulose Glass	80% 10%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-04B *030918763-0011*	A WING BOILER ROOM/ BOILER BREECHING	Gray/Yellow Fibrous Homogeneous	20%	Glass	70% 10%	Ca Carbonate Non-fibrous (other)	None Detected
721JH-04C *030918763-0012*	A WING BOILER ROOM/ BOILER BREECHING	Yellow Fibrous Homogeneous	7%	Cellulose	85% 8%	Ca Carbonate Non-fibrous (other)	None Detected

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675

Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
721JH-05A *030918763-0013*	PIPE TUNNEL (ART WING)/ HOT WATER HEATER BREECHING	White Fibrous Homogeneous	7% Glass 3% Synthetic	80% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
721JH-05B *030918763-0014*	PIPE TUNNEL (ART WING)/ HOT WATER HEATER BREECHING	White Fibrous Homogeneous	15% Glass 5% Synthetic	65% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
721JH-05C *030918763-0015*	PIPE TUNNEL (ART WING)/ HOT WATER HEATER BREECHING	White Fibrous Homogeneous	15% Glass 3% Synthetic	70% Ca Carbonate 12% Non-fibrous (other)	**None Detected**
721JH-06A *030918763-0016*	MUSIC ROOM/ ROOF DRAIN MUDDED FITTINGS	White Fibrous Homogeneous		50% Ca Carbonate 5% Non-fibrous (other)	**5% Amosite** **40% Chrysotile**
721JH-06B *030918763-0017*	BIOLOGY LAB/ ROOF DRAIN MUDDED FITTINGS				**Not Analyzed**

POSITIVE STOP

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
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Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
721JH-06C *030918763-0018*	WOMEN'S LOCKER ROOM/ ROOF DRAIN MUDDED FITTINGS				**Not Analyzed**
			POSITIVE STOP		
721JH-07A *030918763-0019*	JANITOR'S CLOSET 1ST FLOOR B WING/ MUDDED FITTINGS	Brown Fibrous Homogeneous		40% Ca Carbonate 8% Non-fibrous (other)	**2% Amosite** **50% Chrysotile**
721JH-07B *030918763-0020*	C WING PIPE TUNNEL/ MUDDED FITTINGS				**Not Analyzed**
			POSITIVE STOP		
721JH-07C *030918763-0021*	A WING PIPE TUNNEL/ MUDDED FITTINGS				**Not Analyzed**
			POSITIVE STOP		
721JH-07D *030918763-0022*	A WING PIPE TUNNEL/ MUDDED FITTINGS				**Not Analyzed**
			POSITIVE STOP		

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675
Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
721JH-08A *030918763-0023*	ROOM BETWEEN ROOMS 22C & 24C/ TRANSITE FUME HOOD	Gray Fibrous Homogeneous			65% Ca Carbonate 10% Non-fibrous (other)	**25% Chrysotile**
721JH-08B *030918763-0024*	ROOM BETWEEN ROOMS 22C & 24C/ TRANSITE FUME HOOD					**Not Analyzed**
			POSITIVE STOP			
721JH-08C *030918763-0025*	ROOM BETWEEN ROOMS 22C & 24C/ TRANSITE FUME HOOD					**Not Analyzed**
			POSITIVE STOP			
721JH-09A *030918763-0026*	ROOM 14C/ 1 X 1 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	5% 60%	Cellulose Glass	35% Non-fibrous (other)	**None Detected**
721JH-09B *030918763-0027*	C WING HALL/ 1 X 1 FISSUSED CEILING TILE	Gray Fibrous Homogeneous	10% 60%	Cellulose Glass	30% Non-fibrous (other)	**None Detected**
721JH-09C *030918763-0028*	C WING MEN'S ROOM/ 1 X 1 FISSUSED CEILING TILE	Gray Fibrous Homogeneous	10% 55%	Cellulose Glass	35% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675

Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
721JH-10A *030918763-0029*	A-WING HALL/ 1 X 1 PIN HOLE CEILING TILE	Brown/White Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
721JH-10B *030918763-0030*	B-WING HALL/ 1 X 1 PIN HOLE CEILING TILE	Brown/White Fibrous Homogeneous	90%	Cellulose	10% Non-fibrous (other)	None Detected
721JH-10C *030918763-0031*	ROOM 13B/ 1 X 1 PIN HOLE CEILING TILE	Brown/White Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
721JH-11A *030918763-0032*	CAFÉ HALL/ 2 X 2 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	45% 25%	Cellulose Glass	30% Non-fibrous (other)	None Detected
721JH-11B *030918763-0033*	CAFÉ HALL/ 2 X 2 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	40% 30%	Cellulose Glass	30% Non-fibrous (other)	None Detected
721JH-11C *030918763-0034*	A-WING HALL/ 2 X 2 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	50% 20%	Cellulose Glass	30% Non-fibrous (other)	None Detected
721JH-12A *030918763-0035*	MAIN LOBBY/ 2 X 4 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	50% 20%	Cellulose Glass	30% Non-fibrous (other)	None Detected

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

EMSL Analytical, Inc.
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Attn: **Fuss & O' Neill EnviroScience, LLC**
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Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675

Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
721JH-12B *030918763-0036*	MAIN OFFICE/ 2 X 4 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	45% 20%	Cellulose Glass	35% Non-fibrous (other)	None Detected
721JH-12C *030918763-0037*	ROOM 14A/ 2 X 4 FISSUSED CEILING TILE	Gray/White Fibrous Homogeneous	40% 20%	Cellulose Glass	40% Non-fibrous (other)	None Detected
721JH-13A *030918763-0038*	2ND FLOOR D-WING HALL/ BROWN W/ BROWN & WHITE	Brown Non-Fibrous Homogeneous			80% Ca Carbonate 20% Non-fibrous (other)	None Detected
721JH-13B *030918763-0039*	1ST FLOOR D-WING CUSTODIAN CLOSET/ 12 X 12 FLOOR	Brown Non-Fibrous Homogeneous			85% Ca Carbonate 15% Non-fibrous (other)	None Detected
721JH-13C *030918763-0040*	LOBBY HALL/ 12 X 12 FLOOR TILE	Brown Non-Fibrous Homogeneous			80% Ca Carbonate 20% Non-fibrous (other)	None Detected
721JH-14A *030918763-0041*	ROOM 13A/ WHITE W/ GRAY AND TAN SPECKLES	Gray/White Non-Fibrous Heterogeneous			80% Ca Carbonate 20% Non-fibrous (other)	None Detected

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

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Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675

Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
721JH-14B *030918763-0042*	MATH DEPARTMENT OFFICE/ 12 X 12 FLOOR TILE	Gray/White Non-Fibrous Heterogeneous		80% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
721JH-14C *030918763-0043*	MAIN OFFICE/ 12 X 12 FLOOR TILE	Gray/White Non-Fibrous Heterogeneous		85% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
721JH-15A *030918763-0044*	ROOM 14A/ WHITE W/ TAN SPECKLES 12 X 12 FLOOR TILE	White Non-Fibrous Homogeneous		90% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
721JH-15B *030918763-0045*	ROOM 14A/ WHITE W/ TAN SPECKLES 12 X 12 FLOOR TILE	White Non-Fibrous Homogeneous		90% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
721JH-16A *030918763-0046*	LANGUAGE ARTS DEPARTMENT OFFICE/ GRAY W/ WHITE	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
721JH-16B *030918763-0047*	ROOM 20D/ GRAY W/ WHITE SPECKLES 12 X12 FLOOR TILE	Gray Non-Fibrous Homogeneous		85% Ca Carbonate 15% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

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Attn: **Fuss & O' Neill EnviroScience, LLC**
50 Redfield Street
Boston, MA 02122

Fax: (413) 647-0018 Phone: (617) 282-4675
Project: **20070914.A2FL/ BOURNE PUBLIC SCHOOLS/ HIGH SCHOOL**

Customer ID: ENVI54C
Customer PO:
Received: 07/24/09 9:00 AM
EMSL Order: 030918763
EMSL Proj:
Analysis Date: 7/26/2009

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
721JH-17A *030918763-0048*	ROOM 26D/ TAN W/ BROWN AND WHITE SPECKLES 12 X 12	Gray Non-Fibrous Heterogeneous			80% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
721JH-17B *030918763-0049*	ROOM 26D/ TAN W/ BROWN AND WHITE SPECKLES 12 X 12	Gray Non-Fibrous Homogeneous			85% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
721JH-18A *030918763-0050*	LOBBY HALL/ BLACK MASTIC A/W BRWN W/ BROWN & WHITE	Brown/Black Fibrous Homogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
721JH-18B *030918763-0051*	1ST FLOOR D-WING HALL/ BLACK MASTIC A/W BROWN W/	Gray Fibrous Heterogeneous	20%	Cellulose	50% Non-fibrous (other) 30% Quartz	**None Detected**
721JH-18C *030918763-0052*	2ND FLOOR D-WING HALL/ BLACK MASTIC A/W BROWN W/	Black Non-Fibrous Heterogeneous	10%	Cellulose	90% Non-fibrous (other)	**None Detected**
721JH-18D *030918763-0053*	MATH DEPARTMENT OFFICE/ BLACK MASTIC A/W WHITE W/	Black Non-Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexander Balter (46)

James Hall, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. New York 307 West 38th Street, New York NY NVLAP Lab Code 101048-9, AIHA IHLAP 102581, NYS ELAP 11506, CT PH-0170, MA AA000170

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EnviroScience, LLC

50 Redfield Street, Suite 100 Boston, MA 02122

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0309187 63

09 JUL 24 AM 9:57

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 5

Project Name: Bourne Public Schools Project No. 20070914.A2B

Building: High School Project Manager: Bob May

Sample ID	Sample Location	Material	Result (%)
721JH-01A	C wing Boiler Room	Small Boiler insulation grey Top layer	
-01B	↓	↓	
-01C	↓	↓	
721JH-02A	↓	Small Boiler Insulation white Bottom Layer	
-02B	↓	↓	
-02C	↓	↓	
721JH-03A	↓	Boiler Breeching	
-03B	↓	↓	
-03C	↓	↓	
721JH-04A	A wing Boiler Room	↓	
-04B	↓	↓	

Analysis Method: ☒ PLM ☐ Other _____ Turnaround Time 48 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____ Please call the EnviroScience Laboratory at (860) 953-2700 if analyses will be late.

#792097962462

RECEIVED JUL 23 2009 By SA 0940

Fax Results To: EnviroScience Consultants, Inc. Laboratory at 413-647-0018

Special Instructions: Stop @ 1st positive in each

Samples Collected By: JH Date: 7/21/09 Time: AM

Samples [Rec'd][Sent By]: [ ][JH] Date: [ ][7/22/09] Time: [ ][PM]

Samples Received By: Katy Cx Date: 7/24/09 Time: 952 am

Shipped To: ☒ EMSL (State) _____ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 5

Project Name: Bourne Public Schools Project No. 20070914.A2Z

Building: High School Project Manager: Bob May

Sample ID	Sample Location	Material	Result (%)
-04C	↓	↓	
721JH-05A	Pipe Tunnel (Art wing)	Hot water heater Breeching Insulation	
-05B	↓	↓	
-05C	↓	↓	
721JH-06A	Music Room	Roof drain mudded fittings	
-06B	Biology lab	↓	
-06C	Women's Locker Room	↓	
721JH-07A	Janitor's closet 1st Floor B wing	mudded fittings	
-07B	C-wing pipe Tunnel	↓	
-07C	A-wing pipe tunnel	↓	
-07D	↓	↓	

Analysis Method: ☒ PLM ☐ Other _____ Turnaround Time 48 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory at (860) 953-2700 if analyses will be late.

Fax Results To: EnviroScience Consultants, Inc. Laboratory at 413-647-0018

Special Instructions: Stop @ 1st positive in each set

Samples Collected By: JH Date: 7/21/09 Time: AM

Samples [Rec'd][Sent By]: [ ][JH] Date: [ ][7/22/09] Time: [ ][PM]

Samples Received By: KLK Date: 7/24 Time: 952 am

Shipped To: ☒ EMSL (State) _____ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 3 of 5

Project Name: Bourne Public Schools Project No. 20070914.A2Z

Building: High School Project Manager: Bob May

Sample ID	Sample Location	Material	Result (%)
721JH-08A	Room Between Rooms 22C & 24C	Transite Fume Hood	
-08B	↓	↓	
-08C	↓	↓	
721JH-09A	Room 14C	1x1 Fissured Ceiling Tile	
-09B	C-wing Hall	↓	
-09C	C-wing men's Room	↓	
721JH-10A	A-wing Hall	1x1 pin hole ceiling tile	
-10B	B-wing Hall	↓	
-10C	Room 13B	↓	
721JH-11A	Cafe Hall	2x2 Fissured ceiling tile	
-11B	↓	↓	

Analysis Method: ☒ PLM ☐ Other _____ Turnaround Time 48 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory at (860) 953-2700 if analyses will be late.

Fax Results To: EnviroScience Consultants, Inc. Laboratory at 413-647-0018

Special Instructions: Stop @ 1st positive in each set

Samples Collected By: JH Date: 7/21/09 Time: AM

Samples [Rec'd][Sent By]: [ ][JH] Date: [ ][7/22/09] Time: [ ][PM]

Samples Received By: [illegible] Date: 7/24 Time: 9:52am

Shipped To: ☒ EMSL (State) _____ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 4 of 5

Project Name: Bourne Public Schools Project No. 20070914.A2Z

Building: High School Project Manager: Bob Mary

Sample ID	Sample Location	Material	Result (%)
-11C	A-wing Hall	↓	
721JH-12A	Main Lobby	2x4 fissured ceiling Tile	
-12B	Main OFFICE	↓	
-12C	Room 14A	↓	
721JH-13A	2nd Floor D-wing Hall	Brown w/ Brown + white speckles 12x12 Floor Tile	
-13B	1st Floor D-wing custodian closet	↓	
-13C	Lobby Hall	↓	
721JH-14A	Room 13A	white w/ grey + Tan speckles 12x12 Floor Tile	
-14B	Math Department office	↓	
-14C	Main Office	↓	
721JH-15A	Room 14A	white w/ Tan Speckles 12x12 Floor Tile	

Analysis Method: ☒ PLM ☐ Other _____ Turnaround Time 48 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory at (860) 953-2700 if analyses will be late.

Fax Results To: EnviroScience Consultants, Inc. Laboratory at 413-647-0018

Special Instructions: Stop @ 1st positive in each set

Samples Collected By: JH Date: 7/21/09 Time: AM

Samples [Rec'd][Sent By]: [ ][JH] Date: [ ][7/22/09] Time: [ ][PM]

Samples Received By: [illegible] Date: 7/24 Time: 9:52 AM

Shipped To: ☒ EMSL (State) _____ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____

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09 JUL 21 AM 9:52

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 5 of 5

Project Name: Bourne Public Schools Project No. 20070914.A2R

Building: High School Project Manager: Bob Mac

Sample ID	Sample Location	Material	Result (%)
-15B	↓	↓	
721JH-16A	Language Arts Department Office	grey w/ white speckles 12x12 Floor Tile	
-16B	Room 20D	↓	
721JH-17A	Room 26D	Tan w/ Brown & white speckles 12x12 Floor Tile	
-17B	↓	↓	
721JH-18A	Lobby Hall	Black mastic A/W Brown w/ Brown & white	
-18B	D-wing 1st floor Hall	speckles 12x12 Floor Tile	
-18C	2nd Floor D-wing Hall	↓	
-18D	Math Department office	Black mastic A/W white w/ grey & Tan speckles 12x12 Floor Tile	

Analysis Method: ☒ PLM ☐ Other _____ Turnaround Time 48 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory at (860) 953-2700 if analyses will be late.

Fax Results To: EnviroScience Consultants, Inc. Laboratory at 413-647-0018

Special Instructions: Stop @ 1st positive in each set

Samples Collected By: JH Date: 7/21/09 Time: AM

Samples [Rec'd][Sent By]: [ ][JH] Date: [ ][7/22/09] Time: [ ][PM]

Samples Received By: @ Date: 7/24 Time: 9:57A

Shipped To: ☒ EMSL (State) _____ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____

Appendix E

Newly Installed Materials Safety Data Sheets

To Be Provided By LEA

Appendix F

Sample Six-Month Periodic Surveillance Form

FUSS & O'NEILL

Sample Six-Month Periodic Surveillance Form

Local Education Agency (LEA): Bourne Public Schools

Facility Address: 75 Waterhouse Road, Bourne, MA

Date of Surveillance: _____

Asbestos-Containing 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	G				
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				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
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Room 17C	D				1 damaged fitting observed April 2026
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				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 Boys' Bathroom across from Classroom 14C	G				2 EA
White Mudded Pipe-Fitting Insulation (associated with fiberglass pipe insulation)	Concealed above Splined Ceilings in A, B, & C-Wings	G				

Asbestos-Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Estimated Damaged Quantity	Comments
Gray Roof Drain Mudded-Fitting Insulation	2nd Floor Custodian's Closet (across from elevator)	G				
Gray Fiber-Reinforced Cement Exhaust Duct	Classrooms 22C & 24C	G				
Gray Fiber-Reinforced Cement Exhaust Duct	Concealed within Laboratory Benches in Classrooms 22C & 24C	G				
Gray Fiber-Reinforced Cement Fume Hood	Storage Room between Classrooms 22A & 24A	G				2 EA
Gray Fiber-Reinforced Cement Panel	Above Splined Ceilings at Fire Doors in Hallways	G				

Conditions: D = Damaged; F = Fair; G = Good; IA = Inaccessible; N/A = Not Applicable; SD = Significant Damage; SF = Square Feet

Surveillance conducted by: _____ _____

(print name) (signature)

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

Date: _____

Appendix G

Preventive Measures

Preventive Measures for Various Asbestos-Containing Building Materials

A. Surfacing Materials

"Surfacing Materials" means materials in a school building that are applied by spray, trowel, or otherwise applied to surfaces. These include sprayed-applied fireproofing materials on structural members, ceiling and wall plasters, or other materials applied to surfaces for acoustical, fireproofing, or other purposes.

Surfacing Materials are generally considered friable and can release asbestos fibers if damaged by impact, air erosion, vibration, and/or water intrusion. When properly implemented, the following procedures will reduce the potential for fiber release:

1. Sprayed-Applied Fireproofing

   a) Identify the materials and post warning signs on the laid-in or glued-in ceiling tile. If the decking is not covered, place the sign on the wall.
   b) Maintain the materials in intact state and undamaged condition. During winter, pigeons, squirrels and other rodents tend to roost in boiler/machine rooms and dislodge sprayed-applied fireproofing on the decking. Prevent such possibilities.
   c) Prevent water leakage. If the material is significantly damaged, removal is the best option. For minor damage, enclosure is a temporary solution. Encapsulation of damaged sprayed-on fireproofing material is not recommended.
   d) Train the custodial people who are responsible for care and maintenance of surfacing materials. Please note that the repair/removal can only be performed by a licensed abatement contractor.

2. Ceiling and Wall Plasters

   a) Identify the materials and post asbestos warning signs.
   b) Maintain the materials in intact state and undamaged condition. Avoid storing/stacking on/near the materials to reduce contact damage.
   c) Prevent water leakage. If the material is significantly damaged, removal is the best option. For minor damage, repair or enclosure is a temporary solution.
   d) Train the custodial people who are responsible for care and maintenance of surfacing materials.

B. Thermal System Insulation (TSI)

"Thermal System Insulation (TSI)" means insulating materials applied to pipes, pipe fittings, boilers, breechings, tanks, ducts, or other components to prevent process heat loss or gain, water condensation, or for other purposes (e.g., fire door insulation core).

TSI are generally considered friable ACBM. This means they can be easily damaged, increasing the potential for fiber release. When properly implemented, the following procedures will reduce the potential for fiber release:

1. Boiler and Breeching Insulation

a) Identify the locations and label the boiler. Warning signs should be posted outside the boiler room.
b) Reduce the likelihood of fiber release by ensuring that the insulation is not damaged. Avoid storing/stacking on/near the boiler to reduce contact damage.
c) Maintain the insulation in intact state and undamaged condition. Repair damaged areas as soon as possible to prevent further deterioration. If repair is not feasible due to extensive damage/deterioration, remove the material.
d) Train the custodial people who are responsible for care and maintenance of TSI. Please note that the repair/removal can only be performed by a licensed abatement contractor.

2. Pipe, Pipe Fitting, Tank, Duct & Breeching Insulations

a) Identify the locations and label the materials. Warning signs should be posted outside of rooms that have TSI materials.
b) Reduce the likelihood of fiber release by ensuring that the materials are not damaged. Avoid storing/stacking near the materials to reduce contact damage.
c) Maintain all TSI materials in intact state and undamaged condition. Inspect the protective jackets for damage. Repair damaged areas as soon as possible to prevent further deterioration. If repair is not feasible due to extensive damage/deterioration, remove the material.
d) Train the custodial people who are responsible for care and maintenance of TSI. Please note that the repair/removal can only be performed by a licensed abatement contractor.

C. Miscellaneous Materials

"Miscellaneous Materials" are the other ACBM in a school building that are not categorized as Surfacing Materials or TSI. These include floor tiles, floor tile and carpet mastics, gypsum wallboard and joint compound, ceiling tiles, glue daubs, asbestos cement panels, cove base and associated glue, window/door caulking and glazing compounds, etc. The following maintenance procedures are recommended for these materials:

1. Vinyl Asbestos Floor Tiles (VAT)

Vinyl Asbestos Floor Tiles (VAT) are considered non-friable, however routine maintenance procedures such as spray-buffing, burnishing, wet scrubbing, and stripping can generate asbestos fibers. Following procedures, when properly implemented, will reduce the potential of fiber release:

a) Do not sand, grind or abrade the tiles. Stripping of VAT should be done as infrequently as possible. When stripping becomes necessary, follow the appropriate work practices. Never perform dry stripping.
b) During spray-buffing or burnishing the floor, operate the machine at the lowest workable speed and use the least abrasive pad. Use a wet mop for routine cleaning whenever possible.
c) Routinely check whether chair and desk glides are in good condition and replace when necessary. Worn glides can gouge the floor and cause fiber release.

d) Place carpets/floor mats in all entrances to reduce abrasion of floor tiles by sand and pebbles. During winter, have parking lots and walkways swept to the extent possible to avoid the tracking of salt and ice-melting compounds into the school by the students.

e) Train the custodial people who are responsible for care and maintenance of VAT. Please note that the repair/removal can only be performed by a licensed abatement contractor.

2. Wallboard and Joint Compound Assembly

a) Since a number of different homogeneous assemblies may exist in a building, sheetrock/joint compound must be assumed to be ACBM unless sample results prove otherwise. If any specific areas are going to be disturbed, samples of the material in that area should be collected and analyzed.

b) Reduce the likelihood of fiber release by avoiding cutting or drilling holes through the sheetrock panels.

3. Ceiling Tile and Glue Daubs

a) Reduce the likelihood of fiber release by limiting access to the space above the ceiling tiles. Maintain the ceiling tiles in undamaged condition. Replace any damaged or water-stained tile.

b) If the ceiling tiles are non-asbestos, collect samples and analyze the glue daubs to identify asbestos-content before disturbing the tiles.

4. Asbestos Cement Panels, Window/Door Caulking and Glazing Compounds

a) Maintain asbestos cement panels and window/door caulking and glazing compounds in undamaged condition.

5. Carpet Glue, Blackboard/Tack Board Glue, Floor Tile Mastic, Cove Base and Mastic

a) Reduce the likelihood of fiber release by leaving materials in place.

b) Maintain materials in good condition. Collect samples and analyze to identify asbestos-content before disturbing.

Appendix H

Fuss & O'Neill State Licenses & EPA Accreditations

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

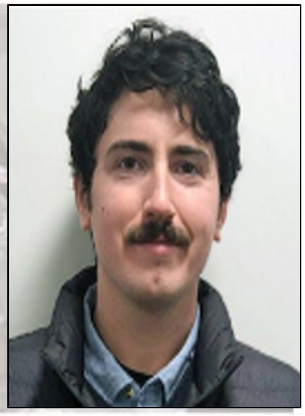
Michael Flanagan
Director

ASBESTOS INSPECTOR

Max Segatore
Eff.Date: 07/10/2025
Exp.Date: 07/10/2026
AI901287

Member C.O.N.E.S.

26





This is to certify that

Maxwell J. Segatore

67 Bourne Road, Plymouth, MA 02360

MA DLS Asbestos Inspector License# AI901287

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

February 21, 2025

Course Dates

February 21, 2025

Examination Date

February 21, 2026

Expiration Date

25-5610-106-278148

Certificate Number

Training Director

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

INSTITUTE FOR ENVIRONMENTAL EDUCATION

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

Michael Flanagan
Director

ASBESTOS MANAGEMENT PLANNER

Dustin Diedricksen
Eff.Date: 02/27/2026
Exp.Date: 02/27/2027
AP900425

Member C.O.N.E.S.

27





This is to certify that

Dustin A. Diedricksen

70 Marion Road, Scituate, MA 02066

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

Asbestos Management Planner 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

December 17, 2025
Course Dates

December 17, 2025
Examination Date

25-5944-136-208040
Certificate Number

December 17, 2026
Expiration Date

Training Director

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

INSTITUTE FOR ENVIRONMENTAL EDUCATION