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# EnviroScience Consultants Inc.

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Environmental Engineering ◦ Industrial Hygiene ◦ Laboratory Services

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October 18, 1994

Mr. Robert Watmough  
Director of Business Services  
Bourne Public Schools  
36 Sandwich Road  
Bourne, Massachusetts 02532

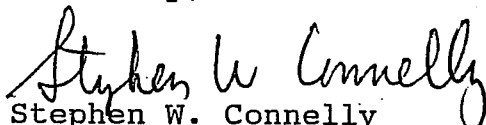
RE: Bourne Public Schools  
Three-Year AHERA Reinspection  
Administration Building  
EnviroScience Project No. 94-595.10

Dear Mr. Watmough:

Enclosed is the final inspection report for the three-year AHERA reinspection conducted by EnviroScience Consultants, Inc. This report must be kept on file at each school inspected and at the Superintendent of School's office.

If you have any questions regarding this information, please do not hesitate to contact us.

Sincerely,

  
Stephen W. Connelly  
Vice President

WP51\FILES\94-595G:PC6

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# EnviroScience Consultants Inc.

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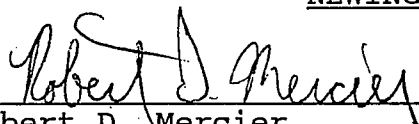
Environmental Engineering ◦ Industrial Hygiene ◦ Laboratory Services

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ASBESTOS HAZARD EMERGENCY RESPONSE ACT  
THREE-YEAR REINSPECTION  
FOR  
BOURNE PUBLIC SCHOOL ADMINISTRATION BUILDING

PERFORMED BY

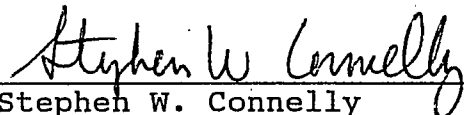
ENVIROSCIENCE CONSULTANTS, INC.  
252 HARTFORD AVENUE  
NEWINGTON, CONNECTICUT 06111



Robert D. Mercier  
Inspector (I02525)

September 19, 1994  
Date of Accreditation

Massachusetts  
State of Accreditation



Stephen W. Connelly  
Management Planner (MP01326)

August 23, 1994  
Date of Accreditation

Massachusetts  
State of Accreditation

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## 1.0 INTRODUCTION:

The following three-year reinspection of the School Administration Building located in Bourne, Massachusetts, was conducted in accordance with the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763.85 (b). This reinspection was performed on September 28, 1994, by Robert D. Mercier. Mr. Mercier is a representative of EnviroScience Consultants, Inc. (EnviroScience) and is an accredited AHERA inspector (I02525). During the reinspection, the following required tasks were performed.

1. A visual reinspection and reassessment of known friable and all assumed asbestos-containing building materials (ACBM).
2. A visual reinspection of ACBM that was previously considered non-friable ACBM to determine if the condition of the material had become friable.
3. Identification and assessment of any homogeneous area that contained new friable ACBM.

No additional ACBM was identified during this reinspection. Therefore, no additional samples of suspect asbestos containing building materials were collected.

## 2.0 REINSPECTION

The information obtained during this reinspection was transmitted to an AHERA-accredited management planner so that response actions relative to the condition of the ACBM could be designed. Stephen W. Connelly is the accredited Management Planner (MP01326) for this project.

The on-site portion of the reinspection was documented on two forms provided by the United States Environmental Protection Agency (EPA). This first form, Reinspection Form 1, (see Appendix A), abstracts inspection data gathered during the initial AHERA inspection. This form is useful to reference response actions (if any) which have been performed since the last inspection. It additionally provides the inspector a "quick glance" reference when performing the reinspection.

The second EPA form used was Reinspection Form 2 (see Appendix B). This form provides information and justification regarding any reassessment of the ACBM. This form also provides response action information including a tentative schedule for completing any required response actions.

A portion of ACBM that had been identified during earlier inspections has subsequently been removed prior to this reinspection being performed. This ACBM consisted of pipe insulation debris which was removed from the furnace room in the basement.

During the course of this three-year reinspection, no areas were assessed differently from the original inspection.

### 3.0 RANGE OF RECOMMENDED RESPONSE ACTIONS

An overview of the range of recommended response actions used by the Management Planner in accordance with AHERA protocol is as follows:

1. Isolate area and restrict access. Remove as soon as possible, or reduce potential for disturbance.
2. Continue O & M. Repair or remove as soon as possible, or reduce potential for disturbance.
- 3-5. Repair, continue O & M. Number indicates priority if all repairs cannot be done immediately.
- 6-7. Continue O & M. Take preventative measures to reduce disturbance.
8. Continue O & M until major renovation or demolition requires removal under NESHAPS, or until hazard assessment factors change.

### 4.0 EPA CERTIFICATION REQUIREMENTS

The EPA AHERA certificates for the individual (Robert D. Mercier) involved in performing the reinspection and updating the management plan (Stephen W. Connelly) are provided in Appendix D.

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**APPENDIX A**  
**REINSPECTION FORM 1**

Reinspection Form 1. Original AHERA Inspection Information Abstracted from the Management Plan

School Bourne Administration Buildings Building 1935-1940 Date(s) of Original AHERA Inspection 9-2-88

Homogeneous sampling areas		Material category	Asbestos content	Friability	AHERA assessment category (1-7, X, None)	Recorded locations of material for each assessment category	Response actions taken/renovations/other comments
ID number	Material description						
A1	Pipe Insulation Debris on Pipes	TSI Surf. Misc.	Assumed Yes No	F NF X	4	Boiler Room (Administration Bldg)	Abated - No Records Available
A2	Chimney/Breach Cement	TSI Surf. Misc.	Assumed Yes No	F NF X	5	Boiler Room (Administration Bldg)	
B1	Transite paneling 140 SF	TSI Surf. Misc.	Assumed Yes No	F NF X	5	Roof of Storage Buildings (Right Bldg)	
B2	9x9 VAT	TSI Surf. Misc.	Assumed Yes No	F NF X	X	Backroom of Maintenance Buildings	
B3	9x6 VAT	TSI Surf. Misc.	Assumed Yes No	F NF X	X damaged	Storage Building	
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by Robert Mercie Date 9-27-91

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)  
 AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM, X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material), None = No assessment category provided in original inspection.

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**APPENDIX B**  
**REINSPECTION FORM 2**



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

School Boston Administration Building Building Chimney/Breach Corridor  
 Date(s) of Reinspection 9-28-94  
 Homogeneous Sampling Area: Material Description Chimney/Breach Corridor ID Number A2

REINSPECTION FINDINGS FOR ACBM					MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Schedule	
						Begin	Complete
Furnace Room	1SF	F <u>NF</u>	5	Isolated area no damage	Yes <u>No</u>		
		F NF			Yes No		
		F NF			Yes No		

Were additional samples of this ACBM collected? Yes No

Date of management planner review: October 17, 1994

Inspector name Robert D. Mercier  
 Inspector signature Robert D. Mercier  
 Accreditation #/State 102525 MA  
 Expiration date 9-19-95

Management planner name Stephen W. Connelly  
 Management planner signature Stephen W. Connelly  
 Accreditation #/State MP01326 MA  
 Expiration date 8-23-95

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

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**APPENDIX C**  
**SUMMARY AND ASBESTOS COST ESTIMATES**

Bourne Schools Administration Building

ALL ACBM		ABATEMENT COST(S) FOR ALL ACBM	DAMAGED ACBM		ABATEMENT COST(S) FOR DAMAGED ACBM
TYPE AND AMOUNT	LOCATION		TYPE AND AMOUNT	LOCATION	
Chimney Cement (1 square foot)	Furnace Room	\$ 200.00	--	--	--
Engineering and Project Administration Cost Estimates:		\$ 200.00	--	--	--
TOTAL Cost Estimates:		\$ 400.00	--	--	--

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**APPENDIX D**  
**AHERA CERTIFICATES**



Commonwealth of Massachusetts  
Department of Labor and Industries  
This is to certify that

Stephen W. Connelly  
048-40-5134

has been certified as an:

ASBESTOS ABATEMENT PROJECT MANAGEMENT PLANNER

Effective Date: 8-23-94

Expiration Date 8-23-95 SPR

*Stephen W. Connelly*  
Signature of Asbestos Abatement Project Management Planner  
Certification Number

MP01326



Commonwealth of Massachusetts  
Department of Labor and Industries  
This is to certify that

Mercier, Robert  
043-74-7816

has been certified as an:

ASBESTOS INSPECTOR

Effective Date: 9/19/94

Expiration Date: 9/19/95

*Robert Mercier*  
Signature of Asbestos Inspector  
Certification Number BOS N

02525