EnviroScience Consultants inc.
Environmental Engineering ∘ Industrial Hygiene ∘ Laboratory Services

October 18, 1994

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

Re: Bourne High School
Three-Year AHERA Reinspection
EnviroScience Project No. 94-595.10

Dear Mr. Watmough:

Enclosed is the report documenting the AHERA reinspection conducted by EnviroScience Consultants, Inc. This report is required to be kept in a file at the school, as well as at a central location such as the maintenance office.

If you have any questions regarding this information, please contact me directly.

Sincerely,

Stephen W. Connelly
Vice President

WP51\FILES\94-595J:PC6

252 Hartford Avenue, Newington, Connecticut 06111
203-666-7167 FAX 203-665-1548

Offices in:
NEWINGTON, CT • BOSTON, MA

ASBESTOS HAZARD EMERGENCY RESPONSE ACT
THREE-YEAR REINSPECTION
FOR

BOURNE HIGH SCHOOL
BOURNE, MASSACHUSETTS

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

Alexander W. Gordeuk
Alexander W. Gordeuk
Inspector (I02410)

September 27, 1994
Date of Accreditation

Massachusetts
State of Accreditation

Stephen W Connelly
Stephen W. Connelly
Management Planner (MP01326)

August 23, 1994
Date of Accreditation

Massachusetts
State of Accreditation

TABLE OF CONTENTS

		Page
1.0	Introduction	1
2.0	Reinspection	1
3.0	Abatement Cost Estimates	3
4.0	Range of Recommended Response Actions	4
5.0	EPA Certification Requirements	4

APPENDICES

Appendix A: Reinspection Form 1
Appendix B: Reinspection Form 2
Appendix C: Summary and Asbestos Cost Estimates
Appendix D: AHERA Certificates

1.0 INTRODUCTION

This three-year reinspection of the Bourne High School 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 30, 1994 by Alexander W. Gordeuk. Mr. Gordeuk is a representative of EnviroScience Consultants, Inc. (EnviroScience) and is an accredited AHERA inspector (I02410). 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(s) that contained new friable ACBM.

Additional suspect ACBM was identified during this reinspection. This suspect ACBM was comprised of 1′ x 1′, 2′ x 2′, and 4′ x 2′ suspended ceiling tiles. These tiles were observed to be in good condition.

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. Mr. Stephen W. Connelly is the accredited Management Planner (MP01326) for this school.

The on-site portion of the reinspection was documented on two forms provided by the United States Environmental Protection Agency (EPA). The 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 specified amount of ACBM that had been identified during earlier inspections has subsequently been removed and replaced prior to this reinspection. This removed ACBM consisted of the following:

Location	ACBM Removed/Replaced
A-Wing Boiler Room: (2 boiler units)	Boiler Insulation Breeching Insulation Tank Insulation Mudded Insulation on Pipe Fittings Interior Insulation (rope gaskets) Vibration Dampers
A-Wing Areas:	
Boys Locker Room/Storage Area	Mudded insulation on pipe fittings/Vibration dampers
Girls Locker Room/Storage Area	Mudded insulation on pipe fittings/Vibration dampers
Gymnasium/Pit Air Handling Unit	Mudded insulation on pipe fittings/Vibration dampers
1st Floor Mens Room/Slop Sink	Mudded insulation on pipe fittings
2nd Floor Custodians' Closet	Mudded insulation on pipe fittings
Administration/Guidance Area	Mudded fittings Transite Board
Weight Room	Mudded fittings Vibration dampers
Kitchen/Storage Room	Mudded fittings Vibration dampers
Fan Room	Vibration dampers
Stairs leading to Storage Room	Vibration dampers
Art Room	Mudded fittings/Vibration dampers
Weight Room	Mudded fittings/vibration dampers
C-Wing Boiler Room: (1 boiler unit)	Mudded Fittings Breeching Insulation Rope Gasket Insulation Insulation Board
Other Areas:	
Wood Shop	Mudded fittings
Music Room	Mudded fittings
Basement Hallway	Mudded fittings
Pipe Tunnel(s)	Damaged mudded fittings/vibration dampers

These removal projects were performed 1989 through 1990.

Another area was assessed worse than earlier inspections, due to deterioration in the condition of the ACBM. The deteriorated area is as follows:

1. Boys' Locker Room - Storage Area - Two of ten fittings are damaged with the potential for further damage.

In the above areas, the damaged materials are recommended for repair or removal. The priority of abatement can be found on Reinspection Form 2 in Appendix B.

3.0 ABATEMENT COST ESTIMATES

The estimated cost associated with the repair or removal of ACBM noted as being damaged or significantly damaged is given in the following table.

Location	Response Action	Estimated Contractor Cost	Estimated Consultant Fees	Total
A-Wing, Boys Locker Room, Storage Area	Repair or remove 2 damaged mudded fittings as soon as possible, continue O&M. (8 mudded fittings remain in good condition.)	$600.00	$150.00	$750.00
Throughout Building (Art Room, Keating Room, Health Office, Library, Classrooms 11B and 12C, Men's Faculty Restroom, Office Alcove	Approx. 113 square feet damaged 9" x 9" vinyl floor tile. Repair or remove as required, continue O&M.	$3,300.00	$500.00	$3,800.00

Location	Response Action	Estimated Contractor Cost	Estimated Consultant Fees	Total
A-Wing, Administrative Office	2 Damaged Mud-Pack Fittings, Repair Where Needed, Continue O&M	$600.00	$150.00	$750.00
B-Wing, Room 13-B, 2nd Floor Custodial Closet	3 Damaged Mud-Pack Fittings, Repair Where Needed, Continue O&M	$1,000.00	$150.00	$1,150.00

It should be noted that only locations with assessments of 1 through 5 are recommended for repair or removal. The remaining materials in this building should be addressed with continued operations and maintenance surveillance. For informational purposes, a summary of ACBM in this school and cost estimates for abating all of these materials are provided in Appendix C of this report (Summary and Asbestos Abatement Cost Estimates).

4.0 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.

5.0 EPA CERTIFICATION REQUIREMENTS

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

APPENDIX A

REINSPECTION FORM 1

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

School Bourne High School Building 1959-1960 Date(s) of Original AHERA Inspection 8-10-88

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	Boiler Insulation/rope gaskets Boiler Breeching Hot Water Tank Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Boiler Room (A-Wing)	ACBM Removed, January - February 1989
A1	Boiler Insulation Boiler Breeching Rope Gaskets	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Small Boiler Room (C-Wing)	Boiler Flue Removed-Summer 1989 (Breeching) (Exterior Boiler Insulation Remains)
A2	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Main Boiler Room (A-Wing) Small Boiler Room (C-Wing)	Removed 1989
A3	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Pipe Tunnel(s)	Damaged Fittings Removed-February 1989
A4	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Gymnasium	8 Damaged Fittings Removed-February 1989 (9 Mudded Fittings Remain)
A5	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Locker Rooms	Fittings in Girls Locker Room Removed-February 1989 Damaged Fittings in Boys Locker Room Removed-February 1989

Information abstracted by Robert Mercier Date 9-27-94

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.

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

School Bourne High School Building 1959 + 1960 Date(s) of Original AHERA Inspection 8-10-88

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						
A6	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Basement Level (Storage)	
A7	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Mens Room, by office (1st Floor)	Removed—February 1989
A8	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	A-Wing Classrooms	(42 Fittings Removed From office Areas)
A9	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	B-Wing Classrooms	
A9	mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	B-Wing Room 13B 2nd Floor—custodians closet	Removed—August 1989
A10	No Visible ACBM	TSI Surf. Misc.	Assumed Yes No	F NF X	None	(There may be Fittings behind walls) (C-Wing Classrooms)	

Information abstracted by Robert Mercier Date 9-27-94

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.

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

School Bourne High School Building 1959 + 1960 Date(s) of Original AHERA Inspection 8-10-88

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						
A11	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Basement Hall Wood Shop Music Room	Removed—Summer 1989
B1	9"x9" Vinyl Floor Tile	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X	X	Throughout School	
B1	9"x9" Vinyl Floor Tile	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X	X damaged	Library, Health Office, C/R 11B, Art Room, C/R 12C, Men's Faculty Restroom, Keating Rm., Office (Alcove)	
B2	Transite Exhaust Ducts	TSI Surf. (Misc.)	(Assumed) Yes No	F (NF) X	5	Classroom 22C Classroom 24C	
B3	Vibration Isolators (Dampers)	TSI Surf. (Misc.)	(Assumed) Yes No	(F) NF X	5	Pipe Tunnel, A-Wing Stairs/Storage, Administration, Art Room, Weight Room, Boy's Locker Room, Gym, Fan Room, Kitchen, A-Wing Boiler Rm.	All Vibration Isolators Removed—February 1990
B4	Roof Drain Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Girls Locker Room, Biology Lab, Music Room, Gym Office, Teacher's Lounge, 2nd Floor Storage Room	Insulation Removed From Gym office, 2nd Floor Storage Room, Girls Locker Room—during Summer 1989

Information abstracted by Robert Mercier Date 9-27-94

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.

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

School Bourne High School Building 1959 + 1960 Date(s) of Original AHERA Inspection 8-10-88

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						
B5	Transite Lab Hood Siding	TSI Surf. (Misc.)	(Assumed) Yes No	F (NF) X	X	Research Room, between C/R 22C and 24C	
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by Robert Mercier Date 9-27-94

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.

APPENDIX B

REINSPECTION FORM 2

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

School Bourne High School Building 1959 & 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Boiler Insulation / Breeching Insulation ID Number A(1)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Large Boiler Room (A-Wing)	N/A	(F) NF	X	Non-ACBM (Boiler & Breeching Insulation)	(Yes) No	ACBM Removed - 1989		
Small Boiler Room (C-Wing)	N/A	(F) NF	X	Non-ACBM (Breeching Insulation)	(Yes) No	Breeching ACBM Removed - 1989		
Small Boiler Room (C-Wing)	107 SF	(F) NF	5	ACBM in Good Condition	Yes (No)	(8) Continue O&M until renovations or demolition requires removal		

Were additional samples of this ACBM collected? Yes (No)

Date of management planner review: October 17, 1994

Inspector name Alexander W. Garoleuk

Inspector signature Alexander W. Garoleuk

Accreditation #/State MASS #I0240

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 8-23-95

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

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

School Bourne High School Building 1959+1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(2)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Large Boiler Room (A-Wing) / Small Boiler Room (C-Wing)	N/A	(F) / NF	X	Non-ACBM	(Yes) / No	ACBM Removed-1989		
		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 Alexander W. Gardeck

Inspector signature Alexander W. Gardeck

Accreditation #/State MASS #102410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

School Bourne High School Building 1959-1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(3)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Pipe Tunnel	approx 175 Fittings	(F) NF	5	Remaining Fittings in good condition	Yes (No)	(6) Continue O&M		
		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 Alex Gordenk

Inspector signature Alex Gordenk

Accreditation #/State MASS# I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959-1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(4)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Gymnasium	9 Fittings	(F) NF	5	Fittings in good condition.	(Yes) No	(6) Continue O&M		
		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 Alex Gordeuk

Inspector signature Alex Gordeuk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959-1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud Pack Fitting Insulation ID Number A(5)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Boys Locker Room (Storage Room)	10 Fittings	(F) NF	1	2 Fittings damaged (Fittings identified as damaged in original inspection were removed in 1989)	(Yes) No	(4) Repair as Remove; Continue O&M		
		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 Alex Gordeuk

Inspector signature Alex Gordeuk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959 + 1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(6)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Basement Level Storage	12 Fittings	(F) NF	5	Fittings in good condition	Yes (No)	(7) Continue O&M		
		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 Alex Gordeuk

Inspector signature Alex Gordeuk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959-1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(7)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
1st Floor, Mens' Room by Office	N/A	(F) NF	X	Non-ACBM	(Yes) No	ACBM removed - 1984		
		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 Alexander W. Gorolenk

Inspector signature Alexander W. Gorolenk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

School Bourne High School Building 1959 + 1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud Pack Fitting Insulation ID Number A(8)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
A-Wing Classrooms	(unquantifiable)	(F) / NF	1,5	ACBM shows minor contact damage in 2 areas. Good Condition overall	Yes / (No)	(5) Repair where needed, continue O+M		
		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 Alexander W. Gordeuk

Inspector signature Alexander W. Gordeuk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01320 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959 + 1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Mud Pack Fitting Insulation ID Number A(9)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
B-Wing Classrooms	(unquantifiable)	(F) / NF	1,5	ACBM shows contact damage (minor) in 3 areas. Overall good condition	Yes / (No)	(5) Repair where needed, Continue O&M		
		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 Alex Gordenk

Inspector signature Alex Gordenk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959-60 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A(10)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
C-Wing Classrooms (No visible Mud-pack fittings)	(unquantifiable)	(F) / NF	5	ACBM in overall good condition	Yes / (No)	(8) Continue O&M		
		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 Alexander W. Gorobetz

Inspector signature Alexander W. Gorobetz

Accreditation #/State MASS #102410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 8-23-95

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

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

School Bourne High School Building 1959-60 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(11)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Basement Hallway, Wood Shop, Music Room	(N/A)	(F) NF	X	Non-ACBM	(Yes) No	ACBM removed-1989		
		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 Alexander W. Gordeuk

Inspector signature Alexander W. Gordeuk

Accreditation #/State MASS #102410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

School Bourne High School Building 1959+1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description 9"x9" Vinyl Floor Tile ID Number B(1)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Throughout School	43,000 SF	F (NF)	X	Tile is in good condition throughout, except in two major and 6 minor areas	Yes (No)	(8) Continue O&M		
Art Room	40 SF	F (NF)	X damaged	40 square feet of damaged tile	Yes (No)	(3) Repair/remove as scheduled. Continue O&M		
Keating Room	50 SF	F (NF)	X damaged	Tile is cracking and crumbling	Yes (No)	(2) Continue O&M, remove/repair as soon as possible.		

Were additional samples of this ACBM collected? Yes (No)

Date of management planner review: October 17, 1994

Inspector name Alex Gordenk

Inspector signature Alex Gordenk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP01326 MA

Expiration date 9-23-95

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

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

School Bourne High School Building 1959 & 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description 9"x9" Vinyl Floor Tile ID Number B(1)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Library	5 SF	F (NF)	X damaged	5 SF of damaged tile	Yes (No)	(4) Repair/remove as needed, continue O&M		
Health office	8 SF	F (NF)	X damaged	8 SF of damaged tile	Yes (No)	(4) Repair/remove as needed, continue O&M		
Classroom 11B	1 SF	F (NF)	X damaged	1 SF of damaged tile (broken)	Yes (No)	(4) Repair/remove as needed, continue O&M		

Were additional samples of this ACBM collected? Yes (No)

Date of management planner review: October 17, 1994

Inspector name Alexander W. Gorolenk

Inspector signature Alexander W. Gorolenk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 8-23-95

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

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

School Bourne High School Building 1959 & 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description 9"x9" Vinyl Floor Tile ID Number B(1)

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	Preventive measures, response actions, and Initial/additional cleanings	Schedule: Begin	Schedule: Complete
Classroom 12C	5 SF	F (NF)	X	5 SF of damaged tile	Yes (No)	(4) Repair/remove as needed, continue O&M		
Men's Faculty Restroom	1 SF	F (NF)	X	1 SF of damaged tile	Yes (No)	(4) Repair/Remove as needed, continue O&M		
Office (Alcove)	3 SF	F (NF)	X	3 SF of damaged tile	Yes (No)	(4) Repair/Remove as needed, continue O&M		

Were additional samples of this ACBM collected? Yes (No)

Date of management planner review: October 17, 1994

Inspector name Alexander W. Garoleuk

Inspector signature Alexander W. Garoleuk

Accreditation #/State MASS #102410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

School Bourne High School Building 1959+1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Transite Exhaust Ducts ID Number B(2)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Classrooms 22C and 24C	156 SF	F / (NF)	X non-friable, assumed	material in good condition	Yes / (No)	(7) Continue O&M		
		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 Alex Gordeuk

Inspector signature Alex Gordeuk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959-60 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description Vibration Dampers (Isolators) ID Number B(3)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Pipe tunnel, A-Wing stairs/storage room, Admin Area, Art Room, Weight Room, Boy's Locker Room, Gym, Fan Room, Kitchen,	(N/A)	(F) NF	X	Non-ACBM	(Yes) No	(None) ACBM removed — February 1990		
A-Wing Boiler Room		F NF			Yes No			
		F NF			Yes No			

Were additional samples of this ACBM collected? Yes (No)

Inspector name Alexander W. Garoleuk

Inspector signature Alexander W. Garoleuk

Accreditation #/State MASS #102410

Expiration date 09-27-95

Date of management planner review: October 17, 1994

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

School Bourne High School Building 1959 + 1960 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Roof Drain Insulation ID Number B(4)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Girls' Locker Room, Gym office, Biology Lab, Storage Room on 2nd Floor, Music room, custodial closet-2nd Floor	10EA (Mud-Pack Fittings on Drains)	(F) NF	5	ACBM in Good Overall condition.	Yes (No)	(7) Continue O&M.		
		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 Alex Gordenk

Inspector signature Alex Gordenk

Accreditation #/State MASS # I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

School Bourne High School Building 1959 + 1966 Date(s) of Reinspection 9-30-94

Homogeneous Sampling Area: Material Description Transite Lab Hood Siding ID Number B(5)

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Research Room, between c/R 22C and 24C	40 SF	F (NF)	X	material in good condition	Yes (No)	(7) continue O+M		
		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 Alex Gordeuk

Inspector signature Alex Gordeuk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 08-23-95

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

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

Page ___ of ___

School Bourne High School Building 1959 + 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description (4'x2') Suspended Ceiling Tile ID Number (None) Newly Assessed

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
D-Wing; New Addition By Auditorium, Gym, and Library	9,142 SF	(F) NF	5	Suspect ACBM in good condition	(Yes) No	(8) Continue O&M		
		F NF			Yes No			
		F NF			Yes No			

Were additional samples of this ACBM collected? Yes (No)

Inspector name Alexander W. Garabedian

Inspector signature Alexander W. Garabedian

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Date of management planner review: October 17, 1994

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 M.I.A

Expiration date 4-23-95

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

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

Page ___ of ___

School Bourne High School Building 1959 & 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description (2'x2') Suspended Ceiling Tile ID Number (None) Newly Assessed

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Hallway, between Gym and Cafeteria	1,862 SF	(F) NF	5	Suspect ACBM in good condition	(Yes) No	(8) Continue O&M		
		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 Alexander W. Gardenk

Inspector signature Alexander W. Gardenk

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

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

Page ___ of ___

School Bourne High School Building 1959 & 1960 Date(s) of Reinspection 09-28-94

Homogeneous Sampling Area: Material Description (1'x1') Acoustical Ceiling Tile ID Number (None) Newly Assessed

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	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
1st and 2nd Floor Hallways, Classrooms of the	28,000 SF	(F) NF	5	Suspect ACBM in good overall condition (some missing tiles)	(Yes) No	(8) Continue O&M		
A, B, and C-Wings.		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 Alexander W. Gorolenki

Inspector signature Alexander W. Gorolenki

Accreditation #/State MASS #I02410

Expiration date 09-27-95

Management planner name Stephen W Connelly

Management planner signature Stephen W Connelly

Accreditation #/State MP 01326 MA

Expiration date 5-23-95

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

APPENDIX C

SUMMARY AND ASBESTOS COST ESTIMATES

BOURNE HIGH SCHOOL

ALL ACBM		ABATEMENT COST(S) FOR ALL ACBM	DAMAGED ACBM		ABATEMENT COST(S) FOR DAMAGED ACBM
TYPE AND AMOUNT	LOCATION		TYPE AND AMOUNT	LOCATION	
Boiler Insulation (107 SF)	Small Boiler Room (C-Wing)	$2,000.00	N/A	N/A	N/A
Mud-Pack Fitting Insulation (175 EA)	Pipe Tunnels	$7,500.00	N/A	N/A	N/A
Mud-Pack Fitting Insulation (9 EA)	Gymnasium	$1,000.00 (Glovebag Removal)	N/A	N/A	N/A
Mud-Pack Fitting Insulation (10 EA)	Boys Locker Room (Storage Room)	$1,000.00 (Glovebag Removal)	Mud-Pack Fitting Insulation (2 EA)	Boys Locker Room (Storage Room)	$600.00 (Glovebag Removal)
Mud-Pack Fitting Insulation (12 EA)	Basement Level, Storage Room	$1,000.00 Glovebag Removal)	N/A	N/A	N/A
Mud-Pack Fitting Insulation (Total Number is Unquantifiable)	A-Wing Classroom	$3,000.00 (Estimated Cost)	Mud-Pack Fitting Insulation (2 EA)	Administrative Office	$600.00 (Glovebag Removal)
Mud-Pack Fitting Insulation (Total Number is Unquantifiable)	B-Wing Classrooms	$3,000.00 (Estimated Cost)	Mud-Pack Fitting Insulation (3 EA)	Room 13B, 2nd Floor, Custodial Closet	$1,000.00 (Glovebag Removal)
Mud-Pack Fitting Insulation (Total Number is Unquantifiable)	C-Wing Classrooms	$3,000.00 (Estimated Cost)	N/A	N/A	N/A
9" x 9" Vinyl Floor Tile (43,000 SF)	Throughout Building	$150,500.00	9" x 9" Vinyl Floor Tile (40 SF)	Art Room	$500.00

			9" x 9" Vinyl Floor Tile (50 SF)	Keating Room	$600.00
			9" x 9" Vinyl Floor Tile (5 SF)	Library	$500.00
			9" x 9" Vinyl Floor Tile (8 SF)	Health Office	$500.00
			9" x 9" Vinyl Floor Tile (1 SF)	Classroom 11B	$100.00
			9" x 9" Vinyl Floor Tile (5 SF)	Classroom 12C	$500.00
			9" x 9" Vinyl Floor Tile (1 SF)	Men's Faculty Restroom	$100.00
			9" x 9" Vinyl Floor Tile (3 SF)	Office Alcove	$500.00
Transite Board Exhaust Ducts (156 SF)	Classrooms 22C and 24C	$1,000.00	N/A	N/A	N/A
Roof Drain Insulation (Mud Pack Fittings) (10 EA)	Girls Locker Room, Gym Office, Biology Lab, Storage Room on 2nd Floor, Music Room, Custodial Closet on 2nd Floor	$ 750.00	N/A	N/A	N/A
Transite Lab Hood Siding (40 SF)	Research Room between Classrooms 22C and 24C	$ 500.00	N/A	N/A	N/A
(4' x 2') Suspended Ceiling Tiles (9,142 SF)	D-Wing; New Addition by Auditorium Gym, and Lobby	$91,420.00	N/A	N/A	N/A
(2' x 2') Suspended Ceiling Tiles (1,862 SF)	Hallway Between Gym and Cafeteria	$18,620.00	N/A	N/A	N/A

TOTAL COST FIGURES:

(1' x 1') Acoustical Ceiling Tiles (28,000 SF)	1st and 2nd Floor Hallway and Classrooms (A-, B-, and C-Wings)	$280,000.00	N/A	$1,000.00	N/A
Engineering and Project Administration Cost Estimates:		$84,600.00	----	----	$1,000.00
TOTAL Cost Estimates:		$648,890.00	----	----	$5,500.00

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 - Asbestos Abatement Project Management Planner

MP01326

Certification Number



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

Gordeuk, Alexander W
042-72-7863

has been certified as an:

ASBESTOS INSPECTOR

Effective Date: 27 SEPT. 94

Expiration Date: 27 SEPT. 95

Alexander W. Gordeuk
Signature of Asbestos Inspector

I 02410 Certification Number: SPGFLD-N



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

Gordeuk, Alexander W
042-72-7863

has been certified as an:

ASBESTOS ABATEMENT PROJECT MANAGEMENT PLANNER

Effective Date: 27 SEPT. 94

Expiration Date: 27 SEPT. 95

Alexander W. Gordeuk
Signature of Asbestos Abatement Project Management Planner

MP01513 Certification Number: SPGFLD-N