01-317.00

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

Office Locations:
Newington, CT
Greenwich, CT
Boston, MA

April 10, 1998

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

BUSINESS FILE

RE: **Bourne High School, Bourne, MA**
Three Year AHERA Reinspection
EnviroScience Project No. 98-151.10

Dear Mr. Watmough:

Enclosed is the inspection report for the three-year AHERA asbestos reinspection conducted by EnviroScience Consultants, Inc. at Bourne High School. This report must be kept on file at the school and at the office of the Superintendent of Schools.

If you have any questions regarding this information, please do not hesitate to contact us. Thank you for the opportunity to have served your needs.

Sincerely,

James L. Scott, C.I.H.
Manager, Industrial Hygiene

DE:nb

Y:\WPFILES\PROJECTS\98\98-151.10C

795 North Mountain Road, Newington, Connecticut 06111
Phone (860) 953-2700 Fax (860) 953-3203

E-Mail: enviro.science@envirosci.com
Web Site: www.envirosci.com

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ASBESTOS HAZARD EMERGENCY RESPONSE ACT
THREE-YEAR ASBESTOS REINSPECTION
FOR
BOURNE HIGH SCHOOL
BOURNE, MASSACHUSETTS

PREPARED BY

ENVIROSCIENCE CONSULTANTS, INC.
795 NORTH MOUNTAIN ROAD
NEWINGTON, CONNECTICUT 06111

For Compliance with the EPA
Asbestos Hazard Emergency Response Act
(AHERA, 40 CFR Part 763)

David B. Eppler
Inspector (#AI 51043)

6-2-97 to 6-1-98
Dates of Accreditation

Massachusetts
State of Accreditation

James L. Scott, C.I.H.
Management Planner (#AP71263)

8-5-97 thru 8-4-98
Dates of Accreditation

Massachusetts
State of Accreditation

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1.0 INTRODUCTION

This three-year asbestos reinspection of Bourne High School in Bourne, Massachusetts was conducted in accordance with the Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR 763.85(b). This reinspection was performed on February 18, 1998, by David Eppler. Mr. Eppler is a representative of EnviroScience Consultants, Inc. (EnviroScience) and is an accredited AHERA Inspector (Massachusetts License No. AI51043). During the reinspection, the following required tasks were performed.

1. A visual reinspection and reassessment of friable materials known or assumed to be asbestos-containing building materials (ACBM).

2. A visual reinspection and reassessment of nonfriable materials previously assumed to be ACBM to determine the current condition of the material.

3. Identification and assessment of any homogeneous area that contains new friable ACBM.

2.0 BUILDING AND MECHANICAL SYSTEMS DESCRIPTION

Bourne High School is a three-level concrete and masonry structure that was constructed in 1959-1960. An addition was built in 1988-1989 which included a new auditorium, library, music room, technical education room, and other classrooms along one side of the main building. Building areas include three floors of classrooms, offices, auditorium, a library, two gymnasiums, kitchen, cafeteria, and two boiler rooms with associated crawlspaces. The total gross area of this facility is approximately 83,300 square feet.

Three hot water boilers provide perimeter heating through unit ventilators in the various classrooms and other areas.

3.0 REINSPECTION REPORT

3.1 Reinspection Summary

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. James Scott is the accredited Management Planner (Massachusetts License No. AP71263) for this project.

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 ACBM. This form also provides response action information including a tentative schedule for completing any required response actions.

3.2 Previous Response Actions

No abatement activities were documented within the last three years.

All accessible asbestos-containing thermal system insulation was removed from the large and small boiler rooms in 1987 and 1989, except for the boiler jacket insulation on the boiler in the small boiler room. Pipe fitting insulation which was damaged or with a high potential for damage was removed in various locations throughout the school in 1987. Small areas of 9" X 9" VAT have been removed and patched with 12" X 12" tile. Vibration isolation cloth was removed from ductwork in 1990 from several areas throughout the school. Additional information and documentation regarding these projects is present in the management plan.

3.3 Previously Unidentified Suspect ACBM or Known ACBM

Mud-pack pipe fitting insulation was discovered in several locations which were previously un-identified, as follows: Photography Darkroom - 6 fittings; Basement Level Custodians Closet - 6 fittings; Basement Level Janitors Office - 6 fittings; Basement Storage across from Art Room - 3 fittings; Basement Art Room - approximately 30 fittings; Alarm Vault across from Elevator - 2 fittings; Office Materials Storage at Elevator - 6 fittings; Duct Vault below Main Gym floor - 3 fittings; B-Wing Janitors Closet - 4 fittings; Women's Locker Area - 8 fittings.

A veneered fire door with a white, packed-powder core was identified in the Boy's Locker Area, and is assumed to exist throughout the school. Samples were collected of this materials results are provided in section 3.4.

These newly identified materials have been given a material ID number, along with assessments, response actions and priority rankings as required. This information can be found on Reinspection Form 2 in Appendix C.

3.4 Sampling

Two samples were collected of the exposed fire door core material in the Boys's Locker Area. No asbestos was detected in the samples collected. Laboratory results are provided in Appendix E. Remaining materials that are assumed to be ACBM must continue to be considered ACBM until the actual asbestos content of the material is determined.

4.0 MANAGEMENT PLAN UPDATE

All locations of ACBM remaining in the school, assessments of these materials and recommended response actions are located on Reinspection Form 2 in Appendix B. It should be noted that only materials with response actions of 1 through 5 are recommended for removal or repair. The remaining materials in the building should be addressed with the Operations and Maintenance Program which includes periodic surveillance inspections.

4.1 Recommended Response Actions

1. Isolate area and restrict access. Remove as soon as possible.
2. Continue O&M. Repair or remove as soon as possible, or reduce potential for disturbance.

3-5. Repair or remove, continue O&M. Number indicates priority if all repairs cannot be done immediately.

6-7. Continue O&M. Take preventive measures to reduce disturbance.

8. Continue O&M until major renovation or demolition requires removal under NESHAPS, or until hazard assessment factors change.

4.2 Damaged ACBM or Damaged Assumed ACBM

All damaged ACBM or damaged assumed ACBM within Bourne High School is given below. Locations, conditions, and management planner response actions are also given.

1. Pipe tunnels - Seven damaged fittings. Response Action 5.
2. Damaged fittings above ceiling tiles, A & B Wing - unknown quantity. Response Action 5.
3. Basement level custodians closet - Two damaged fittings. Response Action 5.
4. Basement level Art Room - Several damaged fittings. Response Action 2.
5. B-Wing Janitors closet near Boy's restroom - Four damaged fittings. Response Action 2.
6. Throughout school, 1' X 1' acoustical ceiling tiles - spot damage. Response Action 8.
7. Classrooms 13-15, 11B, 12C, 24C, 22C, 23A, Faculty Restroom, Health Office - Damaged 9" X 9" vinyl asbestos tiles. Response Action 7.

5.0 EPA CERTIFICATION REQUIREMENTS

The EPA AHERA certificates and the licenses for the individuals (David Eppler and James Scott) involved in performing the reinspection and updating the management plan are provided in Appendix E.

6.0 DESIGNATED PERSON ASSURANCE COMPLIANCE

This section is included to ensure compliance with the requirements of AHERA 40 CFR Part 763.93 regarding response action and training. Please see Appendix F of this report for the form to be used for this purpose.

7.0 MANAGEMENT PLAN REQUIREMENTS

The following tasks are required under AHERA. All documentation from the performance of these tasks shall be incorporated into the management plan as required by AHERA.

1. The local education agency shall notify in writing parent, teacher, and employee organizations of the availability of the management plan for inspection. The notification shall be sent at least once each school year.

2. Provide two-hour asbestos awareness training to all new and current custodial employees whom have not received such training.

3. Perform periodic surveillance on all ACBM in each school building at least once every six months. The person performing the surveillance shall be assigned by the designated person.

4. Perform a reinspection of each school at least once every three years. The reinspection shall be performed by an accredited inspector who reinspects all ACBM and updates the management plan.

5. Perform repair or removal activities in a timely fashion on ACBM that has become friable from damage.

6. Document all abatement activities which includes repair, enclosure, and removal operations.

7. Ensure that short-term workers (e.g. utility workers, exterminators etc.) who may come in contact with ACBM are provided information on location of all ACBM.

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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						
A 1	Boiler Insulation, incl. rope gaskets, Boiler breeching incl, Hot Tanks Insul.	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Boiler Room (A wing)	ACBM removed 1989
A 1	Boiler Insulation & Breeching & Rope Gasket	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Small Boiler (C-wing)	Breeching removed 1989 Boiler Insulation Remains
A 2	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Main Boilers (A-Wing) Small Boilers (C-Wing)	Removed 1989
A 3	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Pipe Tunnels	Damaged Fittings Removed 1989
A 4	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Gymnasium	8 Damaged Fittings removed 1989 9 Fittings Remain
A 5	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	1	Locker Rooms 8→	Damaged Fittings removed '89 remains in Girls 1 remains in Boys

Information abstracted by David Eppler Date 2/18/98

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.

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 Rooms	Damaged fittings removed in all rooms, Positive fittings remain in each room
A7	Mud Pack Fitting Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Men's Room by office (1st Floor) adjacent to Gym	Damaged Removed - Feb. 1989 16 Fittings remain, including storage
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 Flr. Custodians Clst.	Removed Aug. 1989
A10	No Visible ACBM	TSI Surf. Misc.	Assumed Yes No	F NF X	none	Possibe Fittings behind walls, C-Wing, Classrooms	

Information abstracted by David Eppler Date 2/18/98

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.

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" VAT	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X	X	Throughout School	
B1	9"x9" VAT	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X	X damaged	Library, Health Offcs. C/R 11B, Art Rm, Photo Rm. C/R 12C, Mens Faculty Keating Rm, Office	Removed 1989 except for
B-5	Transite Lab Hood Siding	TSI Surf. (Misc.)	(Assumed) Yes No	F (NF) X	X	Research Room between C/R 22C and 24C	
B2	Transite Exhaust Ducts	TSI Surf. (Misc.)	(Assumed) Yes No	F (NF) X	5	Classrooms 22C, 24C	
B4	Roof Drain Insulation	(TSI) Surf. Misc.	Assumed (Yes) No	(F) NF X	5	Girls Locker room, Gym office, Biology lab, music room, Faculty Lunch room, Second Floor Storage room	

Information abstracted by David Eppler Date 2/18/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Large Boiler Room CA-Wing	N/A	(F) NF	X	Non-ACBM (Boiler & Breeching Insulation)	Yes (No)
Small Boiler Rm. CC-Wing	N/A	(F) NF	X	Non-ACBM (Breeching Insul.)	Yes (No)
Small Boiler Rm. (CC-Wing)	107 S.F.	(F) NF	5	ACBM in good condition	Yes (No)

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
ACBM removed 1989		
Breeching Removed 1989		
(8) Continue O&M until renovations or demolition requires removal		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Large Boiler Rm. (A-Wing) Small Boiler Rm. (C-Wing)	N/A	(F) NF	X	Non ACBM	(Yes) No
		F (NF)			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
ACBM removed 1987		

Date of management planner review: 9 Sept 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

spection Form 2. Reinspection of ACBM: Findings and Managem Planner Recommendations

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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 Tunnell	approx 175 fittings	(F) NF	1	7 damaged fittings near entry to small boiler Rm.	(Yes) No	Remove damaged fittings as soon as possible, Continue O&M for balance (5)		
		F NF			Yes No			
		F NF			Yes No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 20688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings 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 flags.	(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: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

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
Boy's Locker Rm.	1 fitng	(F) NF	5	Near ceiling beside cubicle, exposed & accessible	(Yes) No	Balance of fittings from HVAC stg. room removed (7)		
		F NF			Yes No			
		F NF			Yes No			

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation (Janitor's Chemical Strg. Room) ID Number A (6)

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Basement Level Storage, near entry to Weight Training Room	12 Fttngs.	(F) NF	5	Fittings in good condition	Yes (No)
		F NF			Yes No
		F NF			Yes No

Were additional samples of this ACBM collected? Yes No

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(7) Continue O&M		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

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 Men's Room, near West Exit, by old superintendant's office	16 fittings	(F) NF	5	good condition, accessible	(Yes) No	Not removed as previously recorded (7)		
		F NF			Yes No			
		F NF			Yes No			

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
A-Wing Classrooms	unknown above ceilings	(F) NF	1, 5	ACBM shows minor contact damage, good overall	Yes (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(5) Repair where needed, continue OEMA		

Date of management planner review: 9 Sept 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
B-Wing Classrooms	unknown, above ceilings	(F) NF	1,5	ACBM shows contact damage in several areas, overall good condition	Yes (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(5) Repair where needed, continue O&M		

Date of management planner review: 9 Apr-98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 20688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Packs Fitting Insulation 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 non-visible	unknown, above ceilings	(F) NF	5	ACBM assumed good overall condition	Yes No	(8) Continue OEM		
		F NF			Yes No			
		F NF			Yes No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 8889 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A(16)

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
Photography Darkroom (Rear)	6 Fittings	(F) / NF	5	good condition	(Yes) / No	O&M (7)		
		F / NF			Yes / No			
		F / NF			Yes / No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 8889 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fitting Insulation ID Number A(16)

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Basement level Custodians Closet, w/ slop sink newly identified	6 Fittings	(F) NF	1	2 of 6 slightly damaged	(Yes) No
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Remove damaged fittings as soon as possible, O&M for balance (5)		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud Pack Fittings ID Number A9

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
Janitors office, Basement, level, near elevator (new)	6 Fittings	(F) / NF	5	All fittings in good condition	(Yes) / No	Monitor w/ O&M (7)		
		F / NF			Yes / No			
		F / NF			Yes / No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number #9

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Basement storage across from Art Room (new)	3 Fittings	F / (NF)	5	good condition	(Yes) / No
		F / NF			Yes / No
		F / NF			Yes / No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
O & M (6)		

Date of management planner review: 9 Jan 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A9

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Basement Art Room (new)	appx. 30 Fittings	(F) NF	1	several damaged most in good condition	Yes (No)
		F NF			Yes No
		F NF			Yes No

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Repair/Remove damage, Balance with O&M (2)		

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jan Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A9

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
Alarm Vault accross from elevator (new)	2 Fittings	F (NF)	5	good condition	Yes (No)	O&M (7)		
		F (NF)			Yes (No)			
		F (NF)			Yes (No)			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A4

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
Office Materials Storage, at/near elevator (new)	approx. 6 Fittings	(F) NF	5	good condition	(Yes) No	O&M (6)		
		F NF			Yes No			
		F NF			Yes No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

spection Form 2. Reinspection of ACBM: Findings and Managem Planner Recommendations

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A9

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
Duct Vault Below Main Gym floor, adjacent wall of small gym (new)	3 fittings	(F) NF	5	good condition	(Yes) No	O & M (7)		
		F NF			Yes No			
		F NF			Yes No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number A9

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- Utility janitors closet near Boys Restroom near	4 fittings	(F) / NF	1	all significantly damaged	(Yes) / No	Remove as soon as possible (2)		
		F / NF			Yes / No			
		F / NF			Yes / No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Mud-Pack Fittings ID Number #91 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
Women's Locker Area	8 Fittings	(F) NF	5	good condition very accessible	(Yes) No	ACBM removed, replaced with fiberglass, except for these, various locations (6)		
		F NF			Yes No			
		F NF			Yes No			

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

Date of management planner review: 9Apr-98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 90688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 9"x9" 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 S.F.	F / (NF)	X	Tile is in good condition overall, salient damage in most classrooms	(Yes) / No	(8) Continue O&M		
Art Room	8	F / NF	X	No Tile Observed	(Yes) / No	ACBM removed, unknown date		
Keating Room	—	F / NF	X	Location not identified, assumed part of '88-89 renovation	(Yes) / No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

spection Form 2. Reinspection of ACBM: Findings and Managem[illegible]lanner Recommendations

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 9"x9" 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; (near Rm 131 & 15?) (as of '84 Reno.)	5 SF	F (NF)	X	5 SF of minimum damage	Yes (No)	(4) Repair/Remove as needed, continue O&M		
Health Office	0	F NF	—	No floor tile observed	(Yes?) No	ACBM removed, unknown date		
Classroom 11B	1 SF	F (NF)	X	1 SF damage	Yes (No)	(4) Repair/Remove as needed, Continue O&M		

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 9"x 9" Vinyl Floor Tile ID Number B (2)

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Classroom 12C	5 S.F.	F / (NF)	X	5 S.F. damaged tile	Yes / (No)
Men's Faculty Restroom	1 S.F.	F / (NF)		1 SF of damaged tile	Yes / (No)
Office (Alcove)	~~0~~	F / NF		Alcove no longer exists, assumed taken in '89 renovation	(Yes) / No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(4) Repair/Remove as needed, Continue O&M		
(4) Repair/Remove as needed, continue O&M		
ACBM not observed		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 9"x9" Floor Tile ID Number B1

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Room 24C newly identified damage	2 S.F.	F (NF)	X	approximately 2 S.F. damage below blackboard and in pass through	(Yes) No
Room 22C newly identified damage	3 S.F.	F (NF)	X	approximately 3 S.F. damage near fire extinguisher	(Yes) No
Room 23A newly identified damage	approx 8 S.F. total	F (NF)	X	scattered areas, damaged tiles	(Yes) No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
Repair/Remove as needed, Continue O&M (4)		
Repair/Remove as needed, Continue O&M (4)		
Repair/Remove as needed, Continue O&M (4)		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 9" x 9" Vinyl Floor Tile ID Number B1

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 Closet Principals Office Outer Area Restroom	10 & 30 SF	F / (NF)	X	good condition	(Yes) / No	O&M total 40 S.F. (2)		
		F / NF			Yes / No			
		F / NF			Yes / No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 76688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Transite Exhaust Duts 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 & 24C	156 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: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 50688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description Vibration Dampers ID Number 13 (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 tunnell, A-wing stairs / storage room Administration, Art Room, Weight Room, Boys Locker, Gym, Fan Rm, Kitchen	N/A	(F) NF	X	Non-ACBM	Yes (No)	removed Feb. 1990		
A-Wing Boiler Rm.	N/A	F NF	X	"	Yes (No)	"		
		F NF			Yes No			

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

Date of management planner review: 9 Apr 98

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Girl's Locker Room Gym Office, Biology Lab, Storage Room-2nd Floor, Music Room, Custodial Closet, Faculty Lunch Rm	Appx 10 Fittings	(F) NF	5	ACBM in good condition	Yes (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(7) Continue O&M		

Date of management planner review: 9Apr98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

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

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Research Room, between Room 22C & 24C	40 S.F.	F / (NF)	X	Material in good condition	Yes / (No)
		F / NF			Yes / No
		F / NF			Yes / No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(7) Continue O&M		

Date of management planner review: 9 Sep 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 4' x 2' Suspended Ceiling Tile ID Number Newly Assessed 9/94

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
D. Wing, incl. New additions of Auditorium, Gym & Library	Appx. 9200 S.F.	(F) NF	5	Suspect ACBM in good condition	Yes. (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(8) Continue O&M		

Date of management planner review: 9 Apr - 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 76688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 2'x2' Suspended Ceiling Tile ID Number Newly Assessed 9/94

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
Hallway between gym & cafeteria	Appx 1900 S.F.	(F) NF	5	Suspect ACBM in good condition	Yes (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(8) Continue O&M		

Date of management planner review: 9 Nov 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 30688 / MA

Expiration date 8/4/98

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

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

School Bourne High School Building 1959-1960 Addition 8889 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 1'x1' Accoustical Ceiling Tile ID Number Nealy Assessed 9/94

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
1st & 2nd Floor Halls, Classrooms of A, B, C Wings	28,000 S.F.	(F) NF	5	Suspect ACBM, good overall condition, isolated small spot damage	Yes (No)
		F NF			Yes No
		F NF			Yes No

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

Inspector name David Eggler

Inspector signature David Eggler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
(8) Continue O&M		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature

Accreditation #/State AP70688 / MA

Expiration date 8/14/98

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

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

School Bourne High School Building 1959-1960 Addition 88-89 Date(s) of Reinspection 2/18/98

Homogeneous Sampling Area: Material Description 1x1 Floor Tile & Mastic ID Number

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment
D-Wing, throughout; patches & repairs with 9"x9" VAT (none)	Appx. 10,000 S.F.	F / (NF)	X	Suspect ACBM good condition	(Yes) / No
		F / NF			Yes / No
		F / NF			Yes / No

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

Inspector name David Eppler

Inspector signature David Eppler

Accreditation #/State AI 51043 / MA

Expiration date 06/01/98

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
O & M (8)		

Date of management planner review: 9 Apr 98

Management planner name Jim Scott

Management planner signature Jim Scott

Accreditation #/State AP 70688 / MA

Expiration date 8/4/98

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

APPENDIX C

AHERA CERTIFICATES

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

86 Cummings Park, Woburn, MA 01801
(781)935-7370

IEE IEE

This is to certify that

David Eppler

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

January 8, 1998
Course Dates

January 08, 1998
Examination Date

9803781063732
Certificate Number

January 08, 1999
Expiration Date

President/Director of Training

State of Connecticut

Board of Trustees, Community-Technical Colleges

Capital Community-Technical College

401 Flatbush Avenue, Hartford, CT -6106 -- (860) 987-4814

This is to certify that

JAMES L. SCOTT

SS# 019-34-3740

153 North Washington St., Belchertown, MA 01007

has successfully completed the

8 Hour Asbestos Inspector/Management Planner Refresher

Asbestos Accreditation under TSCA Title II

40 CRF Part 763

Ashis Roychowdhury	Patricia Lindsey
Principal Instructor	*Training Manager*
October 1, 1997	AIMP/R-10/97-3
Date of Course	*Certificate Number*
October 1, 1997: A-	October 1, 1998
Examination Date & Grade	*Expiration Date*

CERTIFICATE OF ACHIEVEMENT

This certifies that

James L. Scott

has successfully completed the

Asbestos Site Inspector/Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Environmental, Inc.
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-1198

Gregory D. Marsh
Principal Instructor

October 25, 1996
Date of Course

October 25, 1997
Expiration Date

Martin C. Mercer
Regional Manager

MPAR-1162
Certificate Number

October 25, 1996
Examination Date

Commonwealth of Massachusetts

Dept. of Labor & Workforce Development
Division of Occupational Safety
Asbestos Inspector

JAMES L. SCOTT

Eff. Date 08/05/97
Exp. Date 08/04/98
AI 70687
SP 000687



SP-S

Commonwealth of Massachusetts

Dept. of Labor & Workforce Development
Division of Occupational Safety
Asbestos Management Planner

JAMES L. SCOTT

Eff. Date 08/05/97
Exp. Date 08/04/98
AP 71263
SP 001263



SP-S

Commonwealth of Massachusetts

Dept. of Labor and Workforce Development

Division of Occupational Safety

Asbestos Inspector

DAVID B. EPPLER

Eff. Date 06/02/97

Exp. Date 06/01/98

AI 51043

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

BC 001046



BOSTON RENEWAL

APPENDIX D

ASSURANCE OF LEA COMPLIANCE

ASSURANCE OF LEA COMPLIANCE

40 CFR PART 763.93

In accordance with 40 CFR 763.93 (e)(7), the Local Education Agency (LEA) has used only persons accredited by an EPA-approved course under section 206[c] of Title II of AHERA to conduct inspections and prepare Management Plans. Furthermore, the Local Education Agency will use only persons accredited by an EPA-Management Plans. Furthermore, the Local Education Agency will use only persons accredited by an EPA approved course under Section 206[c] of Title II of AHERA to design to carry out response actions, except for Operations and Maintenance, in the Abatement of Asbestos Hazards.

The general Location Education Agency (LEA responsibilities under 763.84 have been met or will be met.)

Local Education Agency Bourne Public Schools

LEA Designated Person _____

_____
Signature

_____
Date

APPENDIX E

LABORATORY RESULTS

EnviroScience Consultants inc.

Environmental Engineering ◆ Industrial Hygiene ◆ Laboratory Services

Office Locations:
Newington, CT
Greenwich, CT
Boston, MA

SAMPLE LOG FOR ASBESTOS BULKS

Project Name: Bourne high school
Building: locker room door

Sheet No. 1 Of 1
Project Number: 96 151.10
Project Manager: Bob mercier

Sample ID Number	Sample Location	Material Type	Result (%)
3-76-m-20A	locker room door	packed powder	
-20B	"	"	
			F. Aperon 3/31/98

Analysis Method: (X) PLM ☐ Other _____

Turnaround Time: Same day

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 860-953-1850

Special Instructions: ~~Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted.~~ Analyze both samples please.

Samples Collected By: M. Dolan Date: 3/26/98 Time: _____
Samples Rec'd/Sent By: [illegible] Date: 3/30/98 Time: 1
Samples Received By: [illegible] Date: 3/31 Time: _____

Shipped To: (X) EMSL (Region NJ) ☐ Other _____

Method of Shipment: ☐ UPS Regular ☐ UPS Overnight (X) Fed Ex. ☐ Other: _____

CAD c:\current\blocks\techform-asb\09.18.97.11:20am

50 Redfield Street, Boston, Massachusetts, 02122
Phone: 617-282-4675 Fax: 617-282-8253

EMSL Analytical, Inc.
108 Haddon Avenue
Westmont, New Jersey 08108
Phone 609-858-4800 Fax 609-858-4960

Attn.: Mike Stewart
EnviroScience Consultants, Inc.
795 North Mountain Road
Newington, CT 06111

Tuesday, March 31, 1998

Ref Number: W984417

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 98-151.10/Bourne High School/Locker Room Door

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS %	ASBESTOS TYPE	NONASBESTOS %	NONASBESTOS FIBROUS	NONASBESTOS %	NONASBESTOS NONFIBROUS
3-26-MD-20A	Locker Room Door	White/Brown Fibrous Homogeneous	Teased		None Detected	35% 5% 5%	Cellulose Synthetic Glass	55%	Other
3-26-MD-20B	Locker Room Door	White/Brown Fibrous Homogeneous	Teased		None Detected	40% 5% 5%	Cellulose Synthetic Glass	50%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Essie J. Spencer
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Westmont (NVLAP Air and Bulk #101048-0, NY State E-Lap #10872).