



August 11, 2000

Mr. John Calhoun
Facilities Manager
Environmental Services
New Milford Public Schools
386 Danbury Road
New Milford, CT 06776

BUSINESS FILE

**RE: Three Year AHERA Asbestos Re-inspection
and Management Plan Update
Lillis Administration Building
50 East Street, New Milford, CT
EnviroScience Project No. 99-390.10**

Dear Mr. Calhoun:

Enclosed is the report of the three-year AHERA asbestos re-inspection and management plan update conducted by EnviroScience Consultants, Inc. (EnviroScience) at the Lillis Administration Building at 50 East Street, New Milford, Connecticut. This report is an important document that must be kept on file at the school as well as at a central location where the Management Plans are preserved.

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

Sincerely,

James L. Scott
Manager, Hazardous Materials

JLS:ec

Enclosure

Y:\WORD\Projects\99\99-390.10e.doc



ASBESTOS HAZARD EMERGENCY RESPONSE ACT
THREE-YEAR ASBESTOS REINSPECTION AND
MANAGEMENT PLAN UPDATE
FOR
LILLIS ADMINISTRATION BUILDING

PERFORMED BY

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

For Compliance with
State of Connecticut, Department of Public Health
Regulation Regarding Asbestos-Containing Material in Schools
(19a - 333-1 through 19a - 333-13)

And
EPA Asbestos Hazard Emergency Response Act
(40 CFR Part 763)

TABLE OF CONTENTS

SECTION	PAGE
1.0 INTRODUCTION	1
2.0 BUILDING & MECHANICAL SYSTEM DESCRIPTION.....	1
3.0 REINSPECTION REPORT.....	1
3.1 Review of Records.....	1
3.2 Re-inspection Summary.....	2
3.3 Newly Identified or Re-sampled ACBM.....	3
3.4 Physical Assessment of ACBM.....	4
4.0 MANAGEMENT PLAN UPDATE	4
4.1 Recommended Response Actions.....	4
4.2 Periodic Surveillance	6
4.3 Preventive Measures	6
5.0 EPA CERTIFICATION REQUIREMENTS	6

APPENDICES

APPENDIX A:	CHECKLIST FOR EXISTING RECORDS
APPENDIX B:	REINSPECTION FORM 1A
APPENDIX C:	REINSPECTION FORM 1B
APPENDIX D:	REINSPECTION FORM 2
APPENDIX E:	PERIODIC SURVEILLANCE FORM
APPENDIX F:	PREVENTIVE MEASURES
APPENDIX G:	AHERA CERTIFICATES

1.0 INTRODUCTION

This three-year asbestos re-inspection of the Lillis Administration Building at 50 East Street, New Milford, Connecticut was conducted in accordance with the requirements of the following regulations:

- (i) State of Connecticut Department of Public Health (CTDPH) Asbestos-Containing Materials in Schools regulation (19a-331-1 through 19a-333-13, Section 3 (b)).
- (ii) United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) regulation (40 CFR Part 763, Section 763.85 (b)).

Mr. Dominick Fiore of EnviroScience Consultants, Inc. (EnviroScience) performed the re-inspection on October 19, 1999. Mr. Fiore is an accredited Asbestos Inspector in the State of Connecticut (License No. 000299). During the re-inspection, the following required tasks were performed:

- 1. A visual re-inspection and reassessment of all friable known or assumed asbestos-containing building materials (ACBM).
- 2. A visual re-inspection of ACBM that was previously considered non-friable to determine if the present condition of the material has made it friable.
- 3. Identification and assessment of any homogeneous areas that contains newly friable ACBM.

2.0 BUILDING AND MECHANICAL SYSTEM DESCRIPTION

The Lillis Administration Building was built approximately 80 to 100 years ago. The building is used by the New Milford School District as both classroom space and as office space for the Environmental Services Department. The building is also used for storage space, primarily in the full basement.

3.0 RE-INSPECTION REPORT

3.1 Review of Records (Checklist)

An important part of this AHERA Re-inspection involved checking documentation that were required to be present at the school being inspected as well as at the central location where all management plans are preserved.

Please see Appendix A for details of our findings.

3.2 Re-inspection Summary

The on-site portion of the re-inspection was documented on forms modeled after examples provided by USEPA and reviewed with Ms. Lesley Giovanelli of the State of Connecticut Department of Public Health.

The first form, **Re-inspection Form 1A**, abstracts inspection data gathered during the initial AHERA inspection (see Appendix B). 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 re-inspection.

The second EPA form, **Re-inspection Form 1B**, is used to list all known or assumed asbestos-containing materials that were previously unidentified (see Appendix C). It also lists the ACBM in areas newly acquired by the school for student use, either permanently or temporarily.

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

Using the USEPA protocol and criteria, the following materials existing in Lillis Administration Building at the time of this three year re-inspection have been determined and/or assumed to be **ACBM**.

Please refer to the above mentioned Re-inspection Forms for specific locations of the following materials:

Homogeneous Material	Reference	Location(s)
Pipe insulation	Mystic '97	Vertical wall pipe chases
9"x9" Floor tile and mastic	Mystic '97 06-15-BM-35 to 37 (tile sampled only)	Throughout the building (either under carpet or 12"x12" floor tile)
12"x12" Vinyl floor tile and mastic	Mystic '97	Throughout the building
Fire doors	Mystic '97	Throughout the building
12"x12" VAT on floor	EnviroScience '94	Room 13
9"x9" Floor tile	EnviroScience '94	Room 18
9"x9" Floor tile	EnviroScience '94	Second floor copier room
9"x9" Floor tile	EnviroScience '94	Office between rooms 6 and 7

Using the USEPA protocol and criteria the following suspect materials were tested to be negative for asbestos and have been determined to be **Non-ABM**:

MATERIAL	REFERENCE	LOCATION
Wall plaster	1990 EnviroScience	Basement, first floor, and second floor
Ceiling plaster	1990 EnviroScience	First and second floors

The information obtained during this re-inspection was transmitted to Mr. James Scott, an accredited Management Planner, so that response actions relative to the condition of the ACBM could be designed. Mr. Scott is a licensed Asbestos Management Planner in the State of Connecticut (License No. 000038).

3.3 Newly Identified or Re-sampled ABM

The inspector revealed several items not mentioned on previous inspections, which may be ACBM. These items do not appear to have ever been sampled. Due to cost constraints and the destructive nature of some of the testing required, no samples of these materials were taken. These materials should be tested by a qualified individual, on an 'as needed' basis, before they are disturbed for renovation, demolition, or modification.

The following materials should be considered to be ACBM until analysis proves otherwise:

Homogeneous Material	Location(s)
Pipe insulation	Possibly in all wall chases and bathrooms
1'x1' Ceiling tile and glue daubs	Gym bathroom, storage rooms 3 and 5
9"x9" Brown floor tile	Gym bathroom in basement
9"x9" Black floor tile with highlights	Second and third floor hallways (former locker and closet areas)
Asbestos containing cement board (transite)	Gym kitchen by water fountain
Pipe insulation possible air cell	Traffic coordinator's closet
Asbestos cloth duct joints on air handling units	Attic
Ceramic tile adhesive attaching ceramic tiles	All bathrooms and kitchen walls
White foundation wall paint	Basement
Vapor barrier under wooden floor	Gymnasium
9"x9" Gray floor tile	Bathroom entrance for central office personnel
Plaster ceilings and walls, including different types of wall systems	Throughout the building

AHERA only covers interior ACBM. Therefore, exterior ACBM were not sampled. However, suspect ACBM noted exterior to the building include roofing, window glazing compound and caulks.

Any suspect material encountered during renovation/demolition that is not specifically identified in this report as a non-ACM should be assumed to contain asbestos unless sample results prove otherwise.

3.4 Physical Assessment of ACBMs

During inspection, suspect ACBM were separated into three USEPA categories. These categories are thermal system insulation (TSI), surfacing ACBM, and miscellaneous ACBM. TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe insulation, boiler insulation, duct insulation, and mudded insulation on pipe fittings. Surfacing ACBM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACBM not listed in TSI or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tiles.

Finally, all ACBM is quantified in linear and/or square footage, depending on the nature of the material.

All ACBM identified during the inspection and still remaining in the school were reassessed using the State of Connecticut Department of Public Health and AHERA guidelines for assessment of ACBM. The assessment categories are listed as follows:

- 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

Material locations, assessments, and recommended response actions are listed in the re-inspection forms.

4.0 **MANAGEMENT PLAN UPDATE**

Based on the inspection report, physical walk-through inspection and existing condition of the ACBM, following response actions are recommended:

4.1 Recommended Response Actions

1. Removal

Removal is recommended for all broken and/or damaged materials containing ACM.

2. Repair

Repair is feasible, but cost is similar to that of removal and continued O & M is required.

3. Enclosure

Not applicable

4. Encapsulation

Not applicable

5. Operations and Maintenance (O & M)

It should be noted that only locations with assessments of 1 or 2 are recommended for removal or repair. All remaining ACBM in the school shall be placed in an Operations and Maintenance (O & M) Program. The condition of such materials will be monitored until all the ACBM have been removed from the building. A successful O & M Program include the following elements:

- a) Cleaning: All areas of the school where friable ACBM or friable suspected ACBM assumed to be ACBM are present shall be cleaned at least once after the completion of the initial inspection. Additional cleaning may be necessary if the Management Planner make a written recommendation indicating methods and frequency of such cleaning.
- b) O & M Activities: The LEA shall ensure that the procedures described below are followed to protect building occupants for any O & M activities that may disturb known or assumed ACBM:
 - (1) Restrict entry into the area either by physically isolating or by scheduling.
 - (2) Post warning signs to prevent entry by unauthorized persons
 - (3) Shut off or temporarily modify the air-handling system.
 - (4) Use proper work practices and engineering controls such as wet methods, protective clothing, HEPA-vacuums, mini enclosures/ glove bags etc. to inhibit spread of fibers.
 - (5) Place all asbestos debris and other contaminated materials in a sealed, leak-tight container for eventual disposal.
- c) Minor Fiber Release Episodes: The LEA shall ensure that the procedures described below are followed in the event of a minor fiber release episode (i.e., disturbance of 3 linear/ square feet or less of friable ACBM):
 - (1) Saturate the debris using wet method.
 - (2) Place the debris in a sealed leak-tight container and clean the area.
 - (3) Repair the area of damaged ACBM with materials such as asbestos-free spackling, plaster or insulation or seal with an encapsulant.

- d) Major Fiber Release Episode: The LEA shall ensure that the procedures described below are followed in the event of a major fiber release episode (i.e., disturbance of more than 3 linear/square feet of friable ACBM):
- (1) Restrict entry into the area and post warning signs.
 - (2) Shut off or temporarily modify the air handling system to prevent spread of fibers to other areas of the school.
 - (3) **The response for any major fiber release episode must be designed by persons accredited to design response actions and conducted by persons accredited to conduct response actions.**
 - (4) The LEA shall notify the CTDPH of any major fiber release episode within twenty-four hours of its occurrence and, if necessary, provide written notification as required by applicable federal and/or state regulations.

4.2 Periodic Surveillance

At least once every six (6) months after a management plan is in place, the LEA shall conduct periodic surveillance in the school that contains ACBM or assumed to contain ACBM. The person conducting periodic surveillance shall visually inspect all areas in the school that have been identified in the management plan as having ACBM, record the date of surveillance, his/her name, and any changes in the condition of the materials and submit the record to the LEA Designated Person for inclusion in the management plan.

Please see Appendix F for Periodic Surveillance Form that may be used for conducting periodic surveillance.

4.3 Preventive Measures

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

Please see Appendix G for preventive measures designed for various types of ACBM that may exist in the school.

5.0 **EPA CERTIFICATION REQUIREMENTS**

The certificates and the licenses for the individuals (Dominick Fiore and James L. Scott) involved in performing the re-inspection and updating the management plan are provided in Appendix D.

CHECKLIST FOR EXISTING RECORDS

Local Education Agency (LEA): Lillis Administration Building
50 East Street, New Milford, Connecticut

School Building: Lillis Administration Building

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

DOCUMENTATION		LOCATION	
		School	LEA Office
1.	Original AHERA Inspection/Management Plan	Yes	Yes
2.	Three year Re-inspection (First)	Yes	Yes
3.	Three year Re-inspection (Second)	Yes	Yes
4.	Notifications to Parents/Guardians and Teachers (yearly since last re-inspection)	No	No
5.	Designated Person Identified and Proper Training (person must be named and have appropriate training)	No	No
6.	Designated Person Periodic Surveillance (every six months since last re-inspection)	No	No
7.	Record of Awareness Training for Maintenance Staff	No	No
8.	Outside Vendor Awareness Notification	No	No
9.	Warning Signs and Labels (required posting in Boiler room and mechanical spaces only)	No	No
10.	Record of Response Actions (includes any abatement done since last re-inspection)	No	No

Comments: _____

Inspector: Dominick Fiore

Date: 10/19/99

Inspection Form 1 (A) - List of ACM Asbestos-Containing Materials

School: Building Lillis Administration Building Date(s) of Original AHERA Inspection March 3, 1997

Homogeneous sampling areas		Material Category	Friability	Condition Category (1-7)	Recorded Locations	Response actions taken/ renovations/other comments
Sample Number	Description					
None	Pipe insulation	TSI	F	5	Vertical wall chases	None
06-15-BM-35 to 37	9"x9" Floor tile and mastic	Misc.	NF	5	Throughout the building (under carpet or 12"x12" floor tile)	None
	12"x12" Vinyl floor tile and mastic	Misc.	NF	5	Throughout the building	None
	Fire doors	Misc.	NF	5	All doors throughout building	None
	12"x12" VAT on floor	Misc.	NF	5	Room 13	One tile missing, potential for damage
	9"x9" floor tile	Misc.	NF	5	Room 18 - offices	VAT good condition. Two broken tiles, potential for significant damage / <u>under carpet</u>
	9"x9" VAT and floor tile mastic	Misc.	NF	5	Second floor copier room	VAT has broken and cracked tiles, potential for significant damage / <u>under carpet</u>
	9"x9" VAT and floor tile mastic	Misc.	NF	5	Office between rooms 6 and 7	VAT has 3 damaged tiles, potential for damage <u>Eliminated</u>

Information abstracted by Dominick Fiore Date 10-19-99

Friability: F = friable, NF = nonfriable

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

School: Building Lillis Administration Building Date(s) of Re-Inspection October 19, 1999

Homogeneous sampling areas		Material Category	Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded locations of material for each assessment category	Asbestos Content (%)
Sample Number	Material Description						
Assumed	Pipe insulation	TSI	Unknown	F	5	Possibly in all bathroom walls (piping)	
Assumed	1'x1' Ceiling tile with glue daub	Misc.	1,800 SF	NF	5	Gym bathroom and storage, rooms 3 and 5	
Assumed	9"x9" Brown floor tile	Misc.	180 SF	NF	5	Gym bathroom (basement)	
Assumed	9"x9" Black floor tile with highlights	Misc.	250 SF	NF	5	Second and third floor hallways (former locker and closet areas)	
Assumed	Asbestos-containing cement board	Surf.	80 SF	F	3	Gym kitchen by water fountain	
Assumed	Air cell insulation	TSI	20 LF	F	1	Closet of traffic coordinator's office	
Assumed	Asbestos cloth duct joints on air handling units	Misc.	25 LF	NF	5	Attic	
Assumed	Plaster ceilings and walls	Surf.	Unknown	NF	5	Throughout the building	
Assumed	Ceramic tile adhesive	Misc.	Unknown	NF	5	All bathrooms	
Assumed	Foundation wall paint	Surf.	1,500 SF	NF	5	Basement	
Assumed	Vapor barrier under gym floor	Misc.	1,500 SF	NF	5	Gym floor	
Assumed	9"x9" Gray floor tile	Misc.	30 SF	NF	4	Bathroom entrance for central office personnel	

Information abstracted by Dominick Fiore Date 10-19-99

Friability: F = friable, NF = nonfriable

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

Homogeneous Sampling Area: Material Description _____ ID Number _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule
						Begin Complete
Fire Doors through Bldg	100+	F (NF)	5	O&M, careful when renovating	maintain on O&M	2000 2002
9" x 11" gray floor tile at bath room entrance for central office personnel	30+ at	F (NF)	4	Demolish and replace.	Remove and replace	2000 2001
Room 13 12" x 12" floor tile and mosaic	10+	F (NF)	5	1 tile missing potential for further tile edges to be damaged	Install new tile	2000 2001
Were additional samples of this ACBM collected? Yes <input checked="" type="radio"/> No <input type="radio"/>						
Date of Management Planner review: 23 Jun 00						
Management Planner name James Scott						
Management Planner signature <i>James Scott</i>						
Accreditation #/State 00038/CT						
Expiration date 31 Aug 01/195-100						
Inspectors name Dominick Fiore						
Inspector signature Dominick Fiore						
Accreditation #/State 000297/CT						
Expiration date 04-30-00						
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
Lillis ~~Admin~~ Administrator Building Bldg
School Bldg Date(s) of Reinspection 10-19-99

Homogeneous Sampling Area: Material Description _____ ID Number _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS				
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule		
						Begin	Complete	
Room 18, 94x74 tile (Floor)	3FF	F (NF)	5	Most of floor covered by 12x12, south west corner exhibits Dreckage	Remove, replace broken tiles	2000	2001	
2nd floor copier room 9'x7' floor tile	12FF	F NF	5	Front door tile broken and 12ft ² with broken cracked enj.	Remove, replace broken tiles	2000	2001	
9'x9' floor tile out master offices between rooms 687	60	F (NF)	5	3 damaged tiles (floor) potential for damage if low to use	Remove, replace broken tiles.	2000	2001	
Were additional samples of this ACBM collected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							Date of Management Planner review: <u>23 Jun 00</u>	
Inspectors name <u>Dominick Fiore</u>							Management Planner name <u>James Scott</u>	
Inspector signature <u>Dominick Fiore</u>							Management Planner signature <u>James Scott</u>	
Accreditation #/State <u>000299 / CT</u>							Accreditation #/State <u>000058 / CT</u>	
Expiration date <u>04-30-00</u>							Expiration date <u>31 Aug 01 / 19 Jul 00</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____							Date: _____	

Date(s) of Reinspection 10-19-97

Lillis Administration Bldg

School Lillis Administration Building

Homogeneous Sampling Area: Material Description

ID Number _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS				
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule		
						Begin	Complete	
TST in Vertical wall chases	?	(F) NF	5	OGM, careful when renovating bathrooms.	Maintain on O&M	2000	2002	
9'x9" tile (Floor) mastic under carpet	9500 sq ft	F (NF)	5	OGM, careful when renovating	Maintain on O&M	2000	2002	
12"x12" Floor tile mastic	3500 sq ft	F (NF)	5	OGM careful when renovating.	Maintain on O&M	2000	2002	
Were additional samples of this ACBM collected? Yes <input type="radio"/> No <input checked="" type="radio"/>							Date of Management Planner review: <u>23 Jun 00</u>	
Inspectors name <u>Dominick Fiore</u>							Management Planner name <u>James Scott</u>	
Inspector signature <u>Dominick Fiore</u>							Management Planner signature <u>James Scott</u>	
Accreditation #/State <u>000299 / CT</u>							Accreditation #/State <u>00038 / CT</u>	
Expiration date <u>04-30-00</u>							Expiration date <u>31 Aug 01 / 19 Jul 00</u>	
I, the LEA's Designated Person, have read and understood the recommendations made above: _____							Date: _____	

New material Part of 99 inspection

Reinspection Form 2. Reinspection of ACBM: Findings and Management Planner Recommendations
 Lilly's Administration
 School B13 Building B13 Date(s) of Reinspection 10-19-99

Page 1 of 3

Homogeneous Sampling Area: Material Description _____ ID Number _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS				
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule		
						Begin	Complete	
Pipe Insulation possible in all walls and pipe chases in bathrooms and bldg	?	F NF	5	Careful when renovating	Maintain on O+M	2000	2002	
1x1' ceiling tile and pipe stubs in pyrrhusium bathroom and storage closet, Rm 3 & Rm 5	1800	F NF	5	Some tile loose and fallen in pyrrhusium locations OK in Rm 3 & Rm 5	Remove loose & fallen tiles	2000	2001	
9" x 9" floor tile brown in pyrrhusium bathroom (basement)	180	F NF	5	Good condition	Maintain on O+M	2000	2002	
Were additional samples of this ACBM collected? Yes <input type="radio"/> No <input checked="" type="radio"/>				Date of Management Planner review: <u>23 June 00</u>				
Inspectors name <u>Dominick Fiore</u>				Management Planner name <u>JAMES SCIT</u>				
Inspector signature <u>Dominick Fiore</u>				Management Planner signature <u>JAMES SCIT</u>				
Accreditation #/State <u>000299</u>				Accreditation #/State <u>0003F1CT</u>				
Expiration date <u>04-30-00</u>				Expiration date <u>31 Aug 01 / 195-100</u>				

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

New material Part of 77 inspection

Reinspection Form 2. Reinspection of ACBM: Findings and Management Planner Recommendations
 Lillis Administration Lillis Administration
 Building Bldg

School Bldg ID Number _____
 Homogeneous Sampling Area: Material Description _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule
						Begin Complete
Attic, asbestos cloth duct joints, Air handling units	25 LF	F <input checked="" type="radio"/> NF	5	Needs to be removed if renovating.	maintain on OTR	2000 2002
Plaster ceiling on wall in Bldg	?	F <input checked="" type="radio"/> NF	5	Careful if renovating.	maintain on OTR	2000 2002
Ceramic tile adhesive to attic to wall in main bathroom & kitchen	?	F <input checked="" type="radio"/> NF	5	Careful if renovating.	maintain on OTR	2000 2002
Were additional samples of this ACBM collected? Yes <input type="radio"/> No <input checked="" type="radio"/>						
Inspectors name <u>Dominick Fiore</u>						
Inspector signature <u>Dominick Fiore</u>						
Accreditation #/State <u>000299</u>						
Expiration date <u>04-30-00</u>						
Date of Management Planner review: <u>23 Jun 00</u>						
Management Planner name <u>James Scott</u>						
Management Planner signature <u>James Scott</u>						
Accreditation #/State <u>000038/CT</u>						
Expiration date <u>19 Jul 00</u>						

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

New Material Part of 99 Inspection

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

Date(s) of Reinspection 10-17-99

School Building ID Number _____

Homogeneous Sampling Area: Material Description _____

REINSPECTION FINDINGS FOR ACBM				MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment	Preventive measures	Schedule
						Begin Complete
Foundation wall paint (white)	1500	F NF	5	Careful if renovating	maintain on atm	2000 2002
Vapor barrier under pyramisium Floor	1500	F NF	5	Careful if renovating	maintain on atm	2000 2002
Were additional samples of this ACBM collected? Yes <input type="radio"/> No <input checked="" type="radio"/>						
Inspectors name <u>Dominick Fiore</u>						
Inspector signature <u>Dominick Fiore</u>						
Accreditation #/State <u>000299</u>						
Expiration date <u>04-30-00</u>						
Date of Management Planner review: <u>23 Jun 00</u>						
Management Planner name <u>James Scott</u>						
Management Planner signature <u>[Signature]</u>						
Accreditation #/State <u>000381 CT</u>						
Expiration date <u>19 Jul 00</u>						

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

PERIODIC SURVEILLANCE FORM

Local Education Agency (LEA): New Milford Public Schools, 47 Bridge Street

Facility Address: Lillis Administration Building
50 East Street, New Milford, CT

Date of Surveillance: _____

ACBM DAMAGE REPORT

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe insulation	Vertical wall pipe chases, hallways and bathrooms					
9"x9" Floor tile and mastic	Either under carpet or under 12"x12" floor tile throughout the building					
12"x12" Floor tile and mastic	Throughout the building					
Fire doors	Throughout the building					
12"x12" Floor tile	Room 13					
9"x9" Floor tile	Room 18					
9"x9" Floor tile	Second floor copier room					

Conditions: G = Good
 D = Damaged
 SD = Significant damage

Surveillance conducted by: _____

 (Signature)

PERIODIC SURVEILLANCE FORM

Local Education Agency (LEA): New Milford Public Schools, 47 Bridge Street Page 2 of 3

Facility Address: Lillis Administration Building
50 East Street, New Milford, CT

Date of Surveillance: _____

ACBM DAMAGE REPORT

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9"x9" Floor tile	Office between rooms 6 and 7					
Pipe insulation	In wall chases or behind walls in bathrooms					
1'x1' Ceiling tile and glue daubs	Gym bathroom, storage rooms 3 and 5					
9"x9" Brown floor tile	Gym bathroom in basement					
9"x9" Black floor tile with white highlights	Second and third floor hallways (locker areas)					
Asbestos-containing cement board	Gym kitchen by water fountain					
Pipe insulation possible, air cell	Traffic coordinator's office					

Conditions: G = Good
D = Damaged
SD = Significant damage

Surveillance conducted by: _____

(Signature)

PERIODIC SURVEILLANCE FORM

Local Education Agency (LEA): New Milford Public Schools, 47 Bridge Street Page 3 of 3

Facility Address: Lillis Administration Building
50 East Street, New Milford, CT

Date of Surveillance: _____

ACBM DAMAGE REPORT

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Asbestos cloth duct joint connectors	Attic					
Ceramic tile adhesive	All bathrooms and kitchen walls					
White foundation wall paint	Basement					
Vapor barrier under wood floor	Gym					
9"x9" Gray floor tile	Bathroom entrance for central office personnel					
Plaster ceilings and walls, and all other wall systems	Throughout the building					

Conditions: G = Good
 D = Damaged
 SD = Significant damage

Surveillance conducted by: _____

 (Signature)

PREVENTIVE MEASURES FOR VARIOUS ASBESTOS-CONTAINING MATERIALS

A. SURFACING MATERIALS

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

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

1. Sprayed-on fire-proofing

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

2. Ceiling and wall plaster

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

B. THERMAL SYSTEM INSULATION (TSI)

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

TSI are generally considered friable asbestos-containing materials. This means they can be easily damaged, increasing the potential for fiber release. The following procedures, when properly implemented, will reduce the potential for fiber release:

1. Boiler and breeching insulation

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

2. Pipe, pipe-fittings, tank and duct insulation

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

3. Fire door

- a) Identify the locations and label the materials.
- b) Since there may be a number of different types of fire doors throughout a building, fire door cores must be considered to have asbestos-containing interior insulation unless sample result prove otherwise. Prior to performing any maintenance on any door (lock change, drilling, etc.), the door should be surveyed by qualified personnel to rule out the existence of an asbestos core.
- c) Train the custodial people who are responsible for care and maintenance of TSI. Please note that the repair/removal can only be performed by a licensed abatement contractor.

C. MISCELLANEOUS MATERIALS

“Miscellaneous Materials” are all other asbestos-containing materials in a school building that do not fall under the categories of Surfacing Materials or TSI. These include floor tiles, floor tile and carpet mastic, gypsum wallboard and joint compound, ceiling tiles, glue daubs, transite panels, laboratory counter tops, wallbase and associated glue, window caulking and glazing compounds etc. The following maintenance procedures are recommended for these materials:

1. Vinyl Asbestos Floor Tiles (VAT)

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

- a) Do not sand, grind or abrade the tiles. Stripping of VAT should be done as infrequently as possible. When stripping becomes necessary, follow the appropriate work practices. Never perform dry stripping.
- b) During spray-buffing or burnishing the floor, operate the machine at the lowest workable speed and use the least abrasive pad. Use a wet mop for routine cleaning whenever possible.
- c) Routinely check whether chair and desk glides are in good condition and replace when necessary. Worn glides can gouge the floor and cause fiber release.
- d) Place carpets/floor mats in all entrances to reduce abrasion of floor tiles by sand and pebbles. During winter, have parking lots and walkways swept to the extent possible to avoid the tracking of salt and ice-melting compounds into the school by the students.
- e) Train the custodial people who are responsible for care and maintenance of VAT. Please note that the repair/removal can only be performed by a licensed abatement contractor.

2. Gypsum wallboard and joint compound assembly

- a) Since there may exist a number of different homogeneous assemblies in a building, all sheetrock/joint compound must be assumed to be ACM unless sample result prove otherwise. If any specific areas are going to be disturbed, the material in that area should be sampled.
- b) Reduce the likelihood of fiber release by avoiding cutting or drilling holes through the sheetrock panels.

3. Ceiling Tile and Glue Daubs

- a) Reduce the likelihood of fiber release by limiting access to the area above the ceiling tiles. Maintain the ceiling tiles in undamaged condition. Replace any damaged or water-stained tile.
- b) If the ceiling tiles are negative for asbestos, sample and analyze the glue daubs to ascertain whether these are asbestos-containing before the tiles are replaced.

4. Transite Panels, Laboratory Counter Tops, Window Caulking and Glazing Compounds

- a) Reduce the likelihood of fiber release.
- b) Maintain transite panels, lab tabletops and window caulking and glazing compounds in undamaged condition.

5. Carpet Glue, Blackboard/ Tack Board Glue, Sink Undercoating, Floor Tile Mastic, Baseboard and Mastic

- a) Reduce the likelihood of fiber release by leaving base cove and carpets in place.
- b) Maintain carpets and base cove in good condition. Sample and analyze the glue and the mastic to ascertain whether these are asbestos-containing if the renovation activities are going to impact the carpet and the baseboard.

Y:\WORD\Projects\99\99-390.10e.doc

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT - INSPECTOR

LICENSE NO. 000299

CURRENT THROUGH 04/30/01

VALIDATION NO. 00-338085

DOMINICK FIORE

Dominick Fiore

SIGNATURE

J. P. G. G.
COMMISSIONER, DEPT. OF PUBLIC HEALTH

State of Connecticut
Board of Trustees, Community-Technical Colleges
Capital Community-Technical College

401 Flatbush Avenue, Hartford, CT 06106 -- (860) 987-4814

This is to certify that

Dominick Fiore

9 Randolph Place, Trumbull CT 06611
SS# 042-74-1243

has successfully completed the
8 Hr. Asbestos Inspector Refresher Course
Asbestos Accreditation under TSCA Title II
40 CFR Part 763

Ray T. Freuden

Principal Instructor

Oct. 12, 1999

Date of Course

Oct. 12, 1999: B

Examination Date & Grade

Patricia J. Andrey
Training Manager

AIR-10/99-11

Certificate Number

Oct. 12, 2000

Expiration Date

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DIVISION OF CERTIFICATION
ASBESTOS CONSULTANT - TNSP/MGMT - PLANNER
LISENCE NO. 000039
CURRENT THROUGH
06/30/09
VALIDATION NO. 00384615
JAMES L. SCOTT
1000 STATE ST. SUITE 200
HARTFORD, CT 06103
TEL: 860-426-1234
FAX: 860-426-1235
WWW.SCIENCON.COM

State of Connecticut
Board of Trustees, Community-Technical Colleges
Capital Community-Technical College

401 Flatbush Avenue, Hartford, CT 06106 -- (860) 987-4814

This is to certify that

James Scott, SS# 019-34-3740
153 North Washington St., Belchertown, MA 01007
has successfully completed the

8 Hour Lead Planner Project Designer Refresher
(Approved per Sec. 20-477, CT General Statutes.)

Robert L. May, Jr.
Instructor

Nov. 9-10, 1999
Date of Course

Nov. 10, 1999: A-
Examination Date & Grade

Patricia Judsey
Training Manager

LPPDR-11/99-2
Certificate Number

Nov. 10, 2000
Expiration Date