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

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

August 29, 2005

BUSINESS FILE

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

RE: Three Year AHERA Asbestos Re-inspection and Management Plan Update
Hill and Plain Elementary School
60 Old Town Road, New Milford, CT
EnviroScience Project No. 04-542.10

Dear Mr. Calhoun:

Enclosed is the report of the three-year AHERA asbestos re-inspection and management plan update conducted by EnviroScience Consultants, Inc. at the Hill and Plain Elementary School at 60 Old Town Road, 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. Please review Re-inspection Form 2 in Appendix D and sign and date each form at the bottom.

If you have any questions regarding this report, please do not hesitate to contact me at (203) 333-8872, ext. 3102. Thank you for this opportunity to have served your environmental needs.

Sincerely,

Matthew Myers
Manager, Hazardous Materials

DF:ew:cs

Enclosure

Y:\WORD\Projects\04\04-542.10 3yr AHERA Hill-Plain.doc

195 Tunxis Hill Road #204, Fairfield, Connecticut 06432
Phone (203) 333-8872 Fax (203) 333-8893

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

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Environmental Engineering ❖ Industrial Hygiene ❖ Laboratory Services

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ASBESTOS HAZARD EMERGENCY RESPONSE ACT THREE-YEAR ASBESTOS RE-INSPECTION AND MANAGEMENT PLAN UPDATE FOR HILL AND PLAIN ELEMENTARY SCHOOL

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)

EnviroScience Project No. 04-542.10

August 29, 2005

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TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

This three-year asbestos re-inspection of the Hill and Plain Elementary School at 60 Old Town Road, New Milford, Connecticut was conducted in accordance with the requirements of the following regulations:

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

Dominick Fiore and Kevin McCarthy of EnviroScience Consultants, Inc. (EnviroScience) performed the re-inspection on January 27, 2005. Mr. Fiore (License. No. 000299) and Mr. McCarthy (License No. 000586) are accredited Asbestos Inspectors in the State of Connecticut. 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.

4. A six month periodic surveillance was also conducted to assess the condition of known and assumed asbestos containing materials

2.0 BUILDING AND MECHANICAL SYSTEM DESCRIPTION

The Hill and Plain Elementary School was built in 1967, with a new addition constructed in 1986. The school is primarily an educational facility (grades K-6) with extra curricular events periodically conducted in the gymnasium and music areas.

The building is constructed on a slab foundation, with brick outer walls and a corrugated steel frame. The inner walls are constructed of cinder block. A suspended ceiling exists in most of the building, resulting in a ceiling plenum space, with water pipes and air ducts located near the true ceiling deck. Ventilation is provided by an air handling system which draws air into return ducts and supplies air by means of air handling units located in the roof, forcing air into each room by means of supply ducts.

All areas of the school are serviced by a central boiler room. Heat is provided by two oil burning boilers, which convey heat through steam pipes that traverse the building through the pipe tunnels. The pipe tunnels begin at the boiler room and are located below grade, throughout the perimeter of the building, branching up to the baseboard radiators located in each of the rooms.

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.

Samples of the 2'x4'ceiling tiles in the 1962 and 1986 wings were taken during the 1990 AHERA inspection. No asbestos was detected in any of the 2'x 4' ceiling tiles sampled. Sample identification for the 1962 ceiling tiles is (3-6-90PB-53, 55, 56). The sample identification for the 1986 2'x 4' ceiling tile is (3-6-90PB-57-59).

Additional samples were collected by EnviroScience in 1994. These materials were the 12"x 12" floor tile and associated mastic in the 1986 wing and Rooms 23 and 24, and mudded insulation pipe fittings at the Main Office, Asst. Principal's Office, and the adjacent closet and hallway. No asbestos was detected in either of these materials.

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 by 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. Please note that no samples were taken during this re-inspection.

The third EPA form, **Re-inspection 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 Hill & Plain School at the time of this three year re-inspection **have been determined or are assumed to be ACBM.**

Homogeneous Material	Reference	Location(s)
Pipe fitting insulation	06-14-BM23/24/25 Mystic '97	1962 Building tunnels, 1986 addition tunnels with the exception of west wing, Cafeteria tunnels, kindergarten tunnels
	Assumed	
9"x9" Floor tile and associated mastic	06-14-BM 16/18/20 Mystic '97	Throughout building under carpet and/or 12"x12" floor tile
Pipe fitting insulation	Assumed ACBM	Above ceiling at room 1, 2, 4, 6-9, 15-19, kindergarten hall and girl's room by room 21*
Sink mastics	Assumed ACBM EnviroScience 99	Throughout building
Glue daubs behind blackboards and tackboards	Assumed ACBM EnviroScience 99	Throughout building
Pipe and pipe fitting insulation	Assumed ACBM EnviroScience 99	Pipe Chases and walls throughout the building
12"x12" floor tile and associated mastic	06-14-BM 10/12/14	Throughout school except 23 & 24 & 1986 Wing

* Some are under fiberglass insulation

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

MATERIAL	REFERENCE	LOCATION
12"x12" Floor tile and associated mastic	1994 EnviroScience	1986 Wing and in Rooms 23,24
Pipe fitting insulation	1994 EnviroScience	Main office, asst. principal's office and adjacent closet and hallway
2x4 lay in ceiling tile	1990 EnviroScience	1962 and 1986 Wings

The information obtained during this re-inspection was transmitted to Mr. Matthew Myers, an accredited Management Planner, so that response actions relative to the condition of the ACBM could be designed. Mr. Myers is a licensed Asbestos Management Planner in the State of Connecticut (License No. 000041).

3.3 Newly Identified or Re-sampled ACBM

The inspector encountered 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)
Sheetrock and joint compound	Throughout school
Ductwork joint sealant & paper	Throughout school
Black window sills	Throughout school

Homogeneous Material	Location(s)
Cove base and mastic	Throughout school
Plaster ceiling	Boiler room

AHERA only covers interior ACBM. Therefore, exterior ACBM were not sampled. However, the following suspect ACBM were noted exterior to the building: window glazing and caulking compounds, door caulking compounds, caulking compounds, transite window panels and roofing materials.

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.

If in the future there are plans for floor tile removal this material needs to be further investigated to make sure that older floor tile is not under carpet or other floor tile. This could not be confirmed because destructive sampling was not allowed.

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

   Not applicable

2. Repair

   Not applicable

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:

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.

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:

- Restrict entry into the area either by physically isolating or by scheduling.
- Post warning signs to prevent entry by unauthorized persons.
- Shut off or temporarily modify the air-handling system.
- 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.

- Place all asbestos debris and other contaminated materials in a sealed, leak-tight container for eventual disposal.

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

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):
- Restrict entry into the area and post warning signs.
- Shut off or temporarily modify the air handling system to prevent spread of fibers to other areas of the school.

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. 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 E 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 F for preventive measures designed for various types of ACBM that may exist in the school.

CHECKLIST FOR EXISTING RECORDS

Local Education Agency (LEA): Administration Building
386 Danbury Road, New Milford, Connecticut

School Building: Hill and Plain Elementary School

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	Yes

Comments: _____

Inspector: Dominick Fiore Date: 02/21/05

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

School: Hill and Plain Elementary School Building Date(s) of Original AHERA Inspection October 1990

Homogeneous sampling areas		Material Category	Friability	Condition Category (1-7)	Recorded Locations	Response actions taken/ renovations/other comments
Sample Number	Material Description					
06-14-BM23-25	Pipe fitting insulation	TSI	F	5	All pipe tunnels except 1986 West Wing, above lay in ceiling tile in Rooms 1,2,4,6-9, 15-19, Girl's Toilet near Room 21, Kindergarten Corridor	Fittings are in under fiberglass wrap @ Rooms 1,2, 4, 17, &19. Fittings in Main Office Area including corridor are non-ACM per 1994 EnviroScience inspection
06-14-BM16/18/20	9"x9" Floor tile and associated mastic	Misc.	NF	5	Throughout school including storage room (by 19), main office storage room, electrical room, rooms 1-6, 8, 9, 15-19, 21	Covered by carpet and/or 12"x12" floor tile in the following areas: Reading room by library, Assistant Principal's office, Room 9, Main office/Principal office, Rooms 1-3, 5. Assume 9"x9" is under 12x12 floor tile and carpet throughout school
06-14-BM10/12/14	12"x12" Floor tile brown and gray and associated mastic	Misc.	NF	5	Throughout school w/exception of Rooms 23&24, and 1986 wing	Material is in good condition. Possible multi layer floor (9"x9" and mastic) under 12"x12" floor tile
Assumed ACBM	Sink mastics	Misc.	NF	5	Throughout school	
Assumed ACBM	Glue daubs	Misc.	NF	5	Behind blackboards and tackboards	
Assumed ACBM	Pipe insulation and fittings	TSI	F	5	Within pipe chases and behind walls, especially bathroom	

Information abstracted by Dominick Fiore Date 02-21-05

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: Hill and Plain Elementary School Building Date(s) of Re-Inspection January 27, 2005

Homogeneous sampling areas		Material Category	Quantity (SF/LF)	Friability	Assessment Category (1-7)	Recorded Locations	Asbestos Content (%)
Sample Number	Material Description						
No samples collected	Duct joint sealant/glue/ paper	Misc.	1,000 SF	NF	5	Throughout school	Assumed ACBM
	Black window sills		1,200 SF		5		
	Cove base and mastic		7,000 SF		5		
	Plastic ceiling	Surf.	2,000 SF		5	Boiler Room	
	Sheetrock & associated taping compounds	Misc.	25,000 SF		5	Throughout school	

Information abstracted by Dominick Fiore Date 02-21-05

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

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

Page 1 of 1

School New Milford Building Hill + Plain Elem Date(s) of Reinspection 1/27/05

Homogeneous Sampling Area: Material Description TSI : Pipe Fitting Insulation 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
All tunnels except 1986 w.s., above lay in ceiling tiles Rm 1, 2, W, C-9, 15-19 Girls toilet near 21	600 SF	(F) NF	5	Friable Thermal System Insulation w/a potential for contact & water damage	O+M	Continuing	
Kindergarten Corridor (wrapped in Fiberglass in some locations)		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299 / CT

Expiration date 4/30/05

Management Planner name Matthew Myers

Management Planner signature

Accreditation #/State 000041 CT

Expiration date 4/30/05

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

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

School New Milford Building Hill Plain Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description TSI Pipe Insulation and associated pipe Fittings ID Number

REINSPECTION FINDINGS FOR ACBM

Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7)	Assessment
Within Pipe chases & walls throughout bldg	1,500' LF EST	F (NF)	5	TSI material w/a potential for water contact damage
		F NF		
		F NF		

MANAGEMENT PLANNER RECOMMENDATIONS

Preventive measures	Schedule	
	Begin	Complete
O&M	Continuing	

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

Date of Management Planner review: 4/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature Matthew Myers

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

Page 1 of 1

School New Milford Building Hillp Plain Elem Date(s) of Reinspection 1/27/05

Homogeneous Sampling Area: Material Description Misc 9x9 Floor Tile/Mastic 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
Throughout, Rm 9 Storage, main office storage, first rm, Rms 1-6, 8, 9, 15-19, 21	18000 SF	F (NF)	5	Nonfriable Misc. material w/ a potential for contact & water damage	O+M	continuing	
assume 9x9 is under 12x12 in other areas		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299 / CT

Expiration date 4/30/05

Management Planner name Matt Myers

Management Planner signature Matt My

Accreditation #/State 000041 / CT

Expiration date 4/30/05

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

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

School New Milford Building Hill & Plain Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc 12x12 Floor tile brown & gray/mastic 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	Schedule: Complete
Throughout School except in Rms 23 & 24	35,000 SF	F / (NF)	5	Miscellaneous material w/a potential for water damage	O&M	Continuing	
& 1986 wing		F / NF					
		F / NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000277/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc' Sink Undercoating 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	Schedule: Complete
Throughout School/ classrooms	400 SF	F (NF)	5	Miscellaneous material w/a potential For contact damage	O+M	Continue	✓
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

Page 1 of 1

School New Milford Building Hill Plain Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc. Glue beads 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
Behind tackboards blackboards & mirrors throughout bldg	5,500 SF	F / (NF)	5	Miscellaneous material w/a Potential For contamination	O & M	cont.	
		F / NF					
		F / NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc. Duct joint & glue wrap 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
Throughout School	1,000 LF	F (NF)	5	Miscellaneous material w/a potential for contact Sample	as M	[illegible]	[illegible]
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature [signature]

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc Black Window Sills 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
Throughout school/ classrooms	1,200 SF	F (NF)	5	Miscellaneous material w/a potential for contact damage.	O&M	Continuing	
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature Matthew Myers

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Misc Cove base & mastic 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
Throughout school	3000 LF	F (NF)	5	Miscellaneous material w/a potential For Contact Damage.	O&M	1 month	8
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299 / CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature [signature]

Accreditation #/State 000041 / CT

Expiration date 04-30-05

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

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

Page 1 of 1

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Surf. Plaster Ceiling 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
Boiler Rm	2,000 SF	F (NF)	5	Surfacing material w/ the potential for contact & water damage	OYM	Contract	
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature

Accreditation #/State 000041/CT

Expiration date 04-30-05

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

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

Page 1 of 1

School New Milford Building Hill & Plain Elem. Date(s) of Reinspection 01-27-05

Homogeneous Sampling Area: Material Description Sheetrock & Joint compound 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
Throughout School	25,000 SF	F (NF)	5	Miscellaneous material w/ potential for impact & damage.	OMM	Contin	
		F NF					
		F NF					

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

Date of Management Planner review: 1/28/05

Inspectors name Dominick Fiore

Inspector signature Dominick Fiore

Accreditation #/State 000299/CT

Expiration date 04-30-05

Management Planner name Matthew Myers

Management Planner signature [signature]

Accreditation #/State 000041/CT

Expiration date 04-30-05

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: Hill and Plain Elementary School
60 Old Town Road, 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 fitting insulation and associated pipe insulation wrap over fiberglass	Tunnels except 1986 Wing, above lay-in ceiling tiles in rooms 1, 2, 3, 6-9, 15-19, girl's toilet near room 21, kindergarten corridor. NOTE: Mainly above ceiling tiles in areas listed. Also, fittings are located below fiberglass insulation in some areas.					
9"x9" Floor tile and associated mastic	Throughout school- Storage Rooms, Rooms 1-9, 15-19, 21. Covered by carpet and/or 12"x12" floor tile in the following areas: Reading room by library, Assistant Principal's office, Main Office areas. Assume 9"x9" and mastics are under 12x12 floor tile and carpet throughout school					
12"x12" Floor tile brown and gray/mastic	Throughout school except 1986 wing, and rooms 23 & 24					
Sink mastics	Throughout school					
Glue daubs	Behind blackboards and tackboards					
Pipe and pipe fitting insulation	Within pipe chases and behind walls, especially bathroom areas	------				
Sheetrock and joint compound	Throughout school					
Duct joint sealant/glue/paper	Throughout school					

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Black window sills	Throughout school					
Cove base(s) and mastic(s)	Throughout school					
Plaster ceiling	Boiler Room					

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/removal 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 ACBM 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.

There are general work practices which apply to all schools in the school system.

1. Vinyl Asbestos Floor Tile (VAT). In many cases, the surface of the tile may appear abraded. Often, custodial employees will use abrasives to clean floor surfaces prior to the application of floor wax. This practice should be strongly discouraged, as it wears away the top surface, exposing the underlying matrix which may contain asbestos. Where a dull white finish is observed through the top surface of the tile, it indicates that damage to the tile has occurred.
2. Hammering or drilling through floor tile to fasten carpeting or other materials should be prohibited.
3. Chairs and desks should be equipped with rubber feet or gliders to reduce damage to the floor tile surfaces.
4. Efforts should be made to minimize storage of maintenance supplies in the portions of the boiler rooms nearby boilers, breeching, headers, or other areas which might be damaged. This applies specifically to items such as ladders, chairs, desks, and other large items which might damage the surface.
5. The storage of desks, chairs, and other school supplies in pipe tunnels or chases where there is ACM should be discouraged. In addition to limiting access, movement of these items may cause damage to the surface.
6. Where ladders are required in areas where thermal system ACBM has been documented, hinge-type ladders should be used if possible. Custodial employees are discouraged from leaning extension ladders against boilers, breeching, or headers.

Boiler Rooms often have asbestos containing materials such as pipe insulation, pipe fitting insulation, tank insulation, boiler insulation, firebrick, gaskets, spray applied fireproofing and wall and ceiling plaster. Damage to these materials can be caused by contact forces (ladders and equipment hitting the materials), water (leaks in boilers, pipes and tanks) and vibration forces. All personnel (custodians, maintenance, and outside contractors) entering boiler rooms must be made aware of the asbestos containing materials and exercise caution as to not damage or disturb these materials. The boilers are typically serviced by an outside boiler contractor. The routine maintenance activities must not disturb the asbestos containing materials. The designated person should be notified if planned work or routine maintenance may disturb the asbestos containing materials. The appropriate response action (removal, etc.) will be selected by a licensed management planner and project designer and performed by properly trained personnel prior to routine non-asbestos maintenance work beginning.

Tunnels and crawl spaces often have asbestos containing pipe and/or pipe fitting insulation throughout. Sometimes asbestos containing tank insulation, duct insulation and transite are also found in these areas. The area should be restricted to persons with sixteen-hour training and respiratory protection at a minimum if the insulation is in damaged condition. All damaged areas should be repaired and a clearance air test passed prior to occupancy by custodial staff or outside Contractors. Persons entering a tunnel and/or crawl space must be made aware of the types of asbestos containing materials in these areas and exercise extreme caution as to not damage these materials.

Asbestos containing spray applied fireproofing can often be found on metal I-beams above ceilings and behind walls in many schools. This material is a very friable and usually is also found on adjacent ceiling decks, piping and mechanical systems, etc. (over-spray) because of the method of original installation. The fireproofing is often not hidden behind walls or ceilings in mechanical and boiler rooms. Sometimes this material becomes dislodged (age, delamination, air plenum wind forces and gravity) and lands on drop, sheetrock or plaster ceilings. Caution should be exercised if someone has to do work above the ceilings or when replacing a specific section of a ceiling. Schools with common return air plenums have additional concerns of delaminating fireproofing and subsequent asbestos fiber release into the return air. The designated person and a licensed asbestos management planner and project designer should be notified if work involves disturbance of the ceiling or areas above the ceiling. The project designer should develop standard operating procedures and a project design is its found that exposure is possible through activities such as popping ceiling tiles, routine repair or maintenance activities above the lower ceilings or work involving the disturbance of the material directly (example – installing ducts, pipes, ceilings, computer lines, etc. – scraping areas to hang product).

Asbestos containing ceiling tiles can be found in school buildings. These tiles are often covering older ceiling materials such as plaster or sheetrock and are **typically 2x4', 2x2' and 1x1'** in size. They are either supported by a metal grid system (drop ceiling), concealed spline, or glued in place. Special considerations must be given for glue adhered ceilings. The ceiling tile, glue daub and ceiling above (plaster, etc.) must all be considered as asbestos containing even if

one is found not to contain asbestos. The ceiling tile is adhered to the glue daub that is adhered to the ceiling above and they usually can not be separated. A licensed asbestos abatement contractor should remove ceiling tiles that are within reach of building occupants and have a history of damage. Ceiling tiles that are "popped" on occasion to access areas above (for routine maintenance activities and due to small amounts of water damage) should be replaced with non-asbestos tiles or the potential for exposure should be examined through air testing in conjunction with a test containment. A licensed project designer should design a method for routine activities (portable pop-up containment, water, hepa-vac, respiratory protection, sixteen hour training, etc.). Asbestos containing ceiling tiles should be removed if work activity involves "popping" more than a few tiles. Running new computer lines, telecommunication systems, security systems, piping for sprinklers, large roof leaks, etc. all typically required moving many ceiling tiles throughout the school, therefore a licensed abatement contractor should remove the tiles prior to work by other contractors. Custodians, maintenance staff and outside contractors should be made aware of the locations of the asbestos containing ceiling tiles and in house work practices pertaining to them.

Asbestos containing pipe and/or pipe fitting insulation, duct insulation (commonly within reach in incinerator rooms, mechanical and air handling rooms and above ceilings in kitchens) **roof drain insulation and vibration isolation cloth** (on sections of metal ducts) are often located in chases, behind walls and above ceilings. Sometimes these materials are within reach of all building occupants (located below the ceilings in classrooms, corridors, stages, stairwells, etc.). Custodians, maintenance staff and contractors should be made aware of the presence of these materials. Persons working in these areas must exercise caution and not damage these materials. These asbestos containing materials should be removed or enclosed if they are within reach of most building occupants and damage has occurred in the past.

Asbestos containing hard and soft acoustical wall and ceiling plaster can exist throughout a building (corridors, classrooms, etc.) or only in limited areas such as a boiler room, auditorium, pool, etc. Asbestos containing hard plaster typically does not pose a threat to human health and safety unless deliberately disturbed. Activities such as drilling holes to run or hang wires and pipes, demolition of interior walls during renovation, removing glue daubs from plaster and water leaks can damage the material and result in a release of airborne asbestos fibers. Asbestos containing soft plaster can be damaged from the activities described above as well as contact damage from simply toughing the material. Asbestos containing fibers from soft plaster are dislodged from the light contact forces such as poking the materials with ones hand, pencils, pens, etc. Soft plaster should be removed immediately if it's located within reach of students (low ceiling in an auditorium, etc.). Outside contractors, custodial and maintenance staff must be made aware of the location of asbestos containing plaster and informed to avoid work practices that may disturb this material. The designed person and a licensed management planner and project designer should select the response action required if planner work activities anticipate disturbance of the asbestos containing plaster.

Asbestos containing 9x9" and 12x12" floor tiles and underlying mastic are common throughout school buildings. It shall be assumed that all areas with carpeting have floor tile and

mastic located below carpet unless the floor tiles and mastic were abated prior to the installation of the carpet. Custodians, maintenance staff and contractors other than licensed asbestos abatement contractors shall not be permitted to remove carpeting unless the floor tiles are not disturbed in the process (stay intact adhered to the sub-flooring). Areas with "newer" non-asbestos containing floor tiles shall be assumed to have a lower layer of asbestos containing floor tile and/or flooring mastic adhered to the underneath unless both the older tile and underlying mastic were abated prior to the installation of the newer tile and mastic. The "newer" tile must be considered an asbestos containing material if asbestos containing floor tile and/or mastic is adhered to the bottom of it. Floor tiles are typically not damaged unless they are losing adhesion to the substrate due to adhesion failure, age and water damage or through improper maintenance or work activities. The designated person shall be contacted if adhesion failure, are and/or water damage has occurred or if renovation work will disturb the material (drilling for pipe insulation, etc.). A licensed management planner will select the proper response action and a project designer will create a design if abatement is required. Maintenance activities should be standardized and training required in order to minimize possible fiber release during routine floor maintenance. OSHA requires the following:

i. Sanding of floors is prohibited.
ii. Stripping of finishes shall be conducted using low abrasion pads at speed lower than 300 rpm and wet methods.
iii. Burnishing or dry buffing may be performed only on flooring which had sufficient finish so that the pad cannot contact the flooring material.

Some additional work practices are listed below:

i. Stripping of floor coverings should be done as infrequently as possible (ex-annually)
ii. Follow manufactures instructions and never perform dry stripping. Always use the least abrasive pad when stripping.
iii. Sealing floors should be done through applying sever thin coats of high percentage solids finish.
iv. Use the lowest rates of speed and least abrasive pads when spray-buffing or dry-burnishing floors.
v. Install floor matting at entrances (16-24 feet).

Asbestos containing materials in fire doors is typically inaccessible. These materials are often found in boiler and mechanical room doors as well as auditorium, library, café, kitchen and exterior doors. Sometimes these materials are also located in common doors used for classrooms, corridors, etc. Samples taken from any one door may not be representative of other doors in the facility. Prior to performing any maintenance or replacement of any door (lock changes, planing, sanding, drilling, removal, etc.) the designated person should be notified and the specific door should be sampled by a licensed asbestos inspector. A licensed project designer will design the work procedures to be used for a specific work activity if the door materials are found to contain asbestos.

Asbestos containing electrical insulation is common in auditorium/stage light trays and as "pigtails" on spotlights. This material is often white and contains a high percentage of asbestos. Many schools also have these light trays and pigtails in storage or lying around the stage area. This material should be removed if no longer in use. The lighting insulation still in use should be removed and replaced if contact damage is likely. Black insulated wire and gray or black electrical box lining (paper like) sometimes contain asbestos. Custodians, maintenance staff, outside contractors, and parties (students, etc.) responsible for operating lighting with this insulation should be made aware of this material and practice work procedures that will not disturb it.

Many different mastics, glues and adhesives can contain asbestos. Common forms of these materials are carpet glue, flooring mastics (under tile, sheet flooring, linoleum and wood floors (gym)), ceramic tile adhesive, baseboard adhesive, ceiling and wall tile glue, daubs, chalkboard and bulletin board adhesives, etc. These materials are sometimes adhered to non-asbestos containing materials. These non-asbestos containing materials must be considered as asbestos containing because the mastic, glue or adhesive usually can not be separated from them. The custodians, maintenance staff and outside contractors must be made aware of any asbestos containing mastics, glues and adhesives prior to conducting activities that may disturb them. A licensed asbestos inspector must sample materials previously not analyzed for asbestos content prior to work activities that will disturb them. Only a licensed asbestos abatement contractor can remove asbestos containing materials (greater than 3 feet) and asbestos or non-asbestos containing materials bonded to them.

Sheetrock, taping/joint compound, wallboard, vinyl or sheet flooring and countertops, laboratory countertops and laboratory hoods can contain asbestos. **Transite board** is another common building product that contains asbestos. This material is typically found behind radiators, on exterior soffits, in laboratory products (tables, piping, hoods and exhaust ductwork) and on walls or ceilings. These materials are typically not a threat to human health and safety unless deliberately disturbed. Puncturing walls and ceilings, sawing countertops and laboratory hoods, etc. can release asbestos fibers into the air. Custodians, maintenance staff, and outside contractors must be made aware of these possible asbestos containing products and avoid work that will disturb them.

Exterior materials may also contain asbestos. **Roofing and flashing materials, door and window caulking and glazing, soffits, entrance eves and overhangs, covered walkways, etc.** may have asbestos containing materials. These materials must be sampled prior to their disturbance in order to determine the appropriate removal techniques and disposal requirements. Covered walkways and overhangs must be assumed to contain asbestos unless bulk sample results prove otherwise.

Some building materials may be found to contain less than one percent asbestos and therefore are not regulated by the federal or state asbestos regulations. However, demolition or renovation activities that disturb these materials can create possible OSHA violations if the PEL (permissible exposure limit) or (exposure limit) is exceeded. Plaster and ceiling tiles (containing

less than one percent asbestos) undergoing demolition can exceed OSHA's standards as well as the State of Connecticut Re-occupancy Criteria. These building materials should be removed either as an asbestos containing material or under a semi-controlled environment (ex. – use a significant amount of water during demolition of the ceiling or wall in conjunction with air testing) to control possible airborne exposures to asbestos.

Newer building materials may also contain greater than one percent asbestos. Building additions, portable classrooms and building products installed during renovations after 1980 have occasionally been found to contain asbestos. Floor tiles and mastics, adhesives and glues, wall and ceiling materials, roofing materials, etc. should be samples prior to performing activities that will disturb them. Sampling can be avoided if the building architect signs a statement that the building materials do not contain asbestos or MSD sheets prove the corresponding materials are not asbestos containing.

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'RUCTIONS:

ch and sign each of the cards on this form.
lay the large card in a prominent place in your office or place of business. wallet card is for you to carry on your person. If you do not wish to carry let card, place it in a secure place.

4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

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

KEVIN MC CARTHY

LICENSE NO.
000586
CURRENT THROUGH
05/31/06
VALIDATION NO.
03-169630

SIGNATURE

J Robert Galvin M.D., M.P.H.
COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

NAME
KEVIN MC CARTHY

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-169630	000586	05/31/06

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

J Robert Galvin M.D., M.P.H.
COMMISSIONER

EnviroScience Consultants, Inc.

795 North Mountain Road, Newington, CT 06111 – (860) 953-2700

This is to certify that

Kevin McCarthy
93 Morning Mist, Milford, CT 06460
SS# 049-76-1999

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

James Scott, Principal Instructor

January 12, 2005
Date of Course

January 12, 2005: B-
Examination Date & Grade

Neal Freuden, Training Manager

AI-R-0/05-11
Certificate Number

January 12, 2006
Expiration Date

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
04/30/06
VALIDATION NO.
03-144247

DOMINICK FIORE

Dominick Fiore
SIGNATURE

J Robert Galvin M.D., M.P.H.
COMMISSIONER

EnviroScience Consultants, Inc.

795 North Mountain Road, Newington, CT 06111 – (860) 953-2700

This is to certify that

Dominick Fiore
3 Ivy Lane, Shelton, CT 06484
SS# 042-74-1243

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

Frank Mills
Principal Instructor

Training Manager

September 21, 2004
Date of Course

AI-R-9/04-9
Certificate Number

September 21, 2004: A-
Examination Date & Grade

September 21, 2005
Expiration Date

Health Care or Environmental Health Professional's License Status

This site is part of **CT-clic.com**, the **Connecticut Licensing Info Center,** that links to all YOUR State licensing and registration needs.

Note: Requests for copies of documents related to past disciplinary action must be submitted in writing. Such documents are currently not available in an electronic format. Therefore, include your name, mailing address and telephone number on any request.

License Type:	Asbestos Consultant - Insp/Mgmt Planner
License Number:	000041
Name:	MYERS, MATTHEW A
Expiration Date:	4/30/2006
Granted Date:	12/23/1994
License Name:	MATTHEW A. MYERS
License Status:	Current
Disciplinary Action:	None

Questions ? ?

E-mail webmaster.dph@po.state.ct.us or call (860) 509-7603
Return to DPH Licensure/Renewal Page

For Business Registry Questions? Contact **SmartStart** or call **1-800-392-2122.**

EnviroScience Consultants, Inc.

795 North Mountain Road, Newington, CT 06111 – (860) 953-2700

This is to certify that

Matthew Myers
10 Lewis Street, Milford, CT 06460
SS# 371-80-3305

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

Frank Mills, Principal Instructor

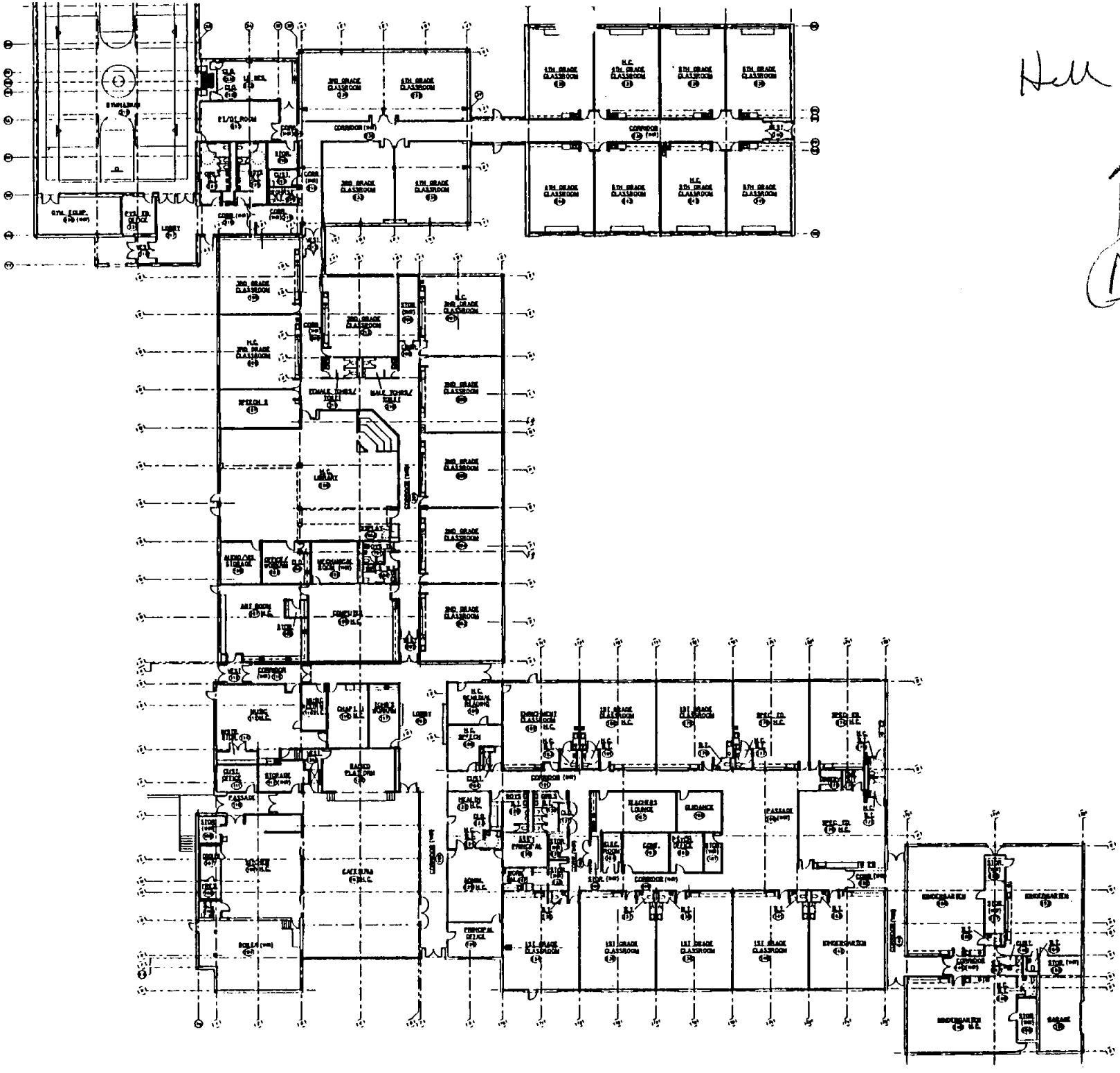
Neal Freuden, Training Manager

September 21 & 22, 2004
Date of Course

AMP-R-9/04-2
Certificate Number

September 22, 2004: A
Examination Date & Grade

September 22, 2005
Expiration Date


Hall Plans
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CONNECTICUT STATE DEPARTMENT OF HEALTH SERVICES
LABORATORY DIVISION
10 CLINTON STREET HARTFORD, CT 06106
ASBESTOS ANALYSIS DATA SHEET

3
51

PH#666-7167

Report to: EnviroScience Consultants Address: 66 Cedar St, Newington, CT 06111

Address of Specimen Collection: Hill + Plain School, New Milford, CT

Date Collected: 3-6-90 Date Rec'd in Lab: _____ Date Reported: APR. 2 1990

Collected by: Peter Brunelli Title: Environmental Consultant Organization: EnviroScience Consultants

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2405 5037 -6			
Sample ID No.	3-6-90-PB-53			
Building or Address	Hill + Plain Elementary School			
Location of Sample	Room 5			
Sample Appearance	Gray-red, fibrous.			
Asbestos Present Type & Percent	No asbestos seen.			
Other Fibrous Material Present	Cellulose, 20%. Mineral wool, 80%.			
Percent Total Asbestos Present	None.			
Remarks				

GB2/E

NVLAP 81237

CONNECTICUT STATE DEPARTMENT OF HEALTH SERVICES
LABORATORY DIVISION
10 CLINTON STREET HARTFORD, CT 06106
ASBESTOS ANALYSIS DATA SHEET

90 MAR 16 PM 1:05

Report to: EnviroScience Consultants Address: 66 Cedar St., Newington CT, 06111 ph#666-716

Address of Specimen Collection: HILL & PLAIN SCHOOL, New Milford, CT

Date Collected: 3-6-90 Date Rec'd in Lab: _____ Date Reported: APR. 2 1990

Collected by: Peter Brunelli Title: Environmental Consultant Organization: EnviroScience Consultants

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2405 5038 -4 *	2405 5039 -2	2405 5040 -0	2405 5041 -8
Sample ID No.	3-6-90 PB-55	3-6-90 PB-56	3-6-90 PB-57	3-6-90 PB-58
Building or Address	Hill & Plain School	Hill & Plain School	Hill & Plain School	Hill & Plain School
Location of Sample	Room 22	Room 18	Room 27	Room 28
Sample Appearance	Gray-pink, fibrous.	Gray-pink, fibrous.	Gray-pink, fibrous.	Gray-pink, fibrous.
Asbestos Present Type & Percent	No asbestos seen.	No asbestos seen.	No asbestos seen.	No asbestos seen.
Other Fibrous Material Present	Cellulose, 20%. Mineral wool, 80%.	Cellulose, 20%. Mineral wool, 80%.	Cellulose, 20%. Mineral wool, 80%.	Cellulose, 20%. Mineral wool, 80%.
Percent Total Asbestos Present	None.	None.	None.	None.
Remarks				

CP2/E

NVLAP 01237

CONNECTICUT STATE DEPARTMENT OF HEALTH SERVICES
LABORATORY DIVISION
10 CLINTON STREET HARTFORD, CT 06106
ASBESTOS ANALYSIS DATA SHEET

90 MAR 16 PM 1:05

Report to: EnviroScience Consultants Address: 66 Cedar St., Newington CT, 06111 ph#666-7167

Address of Specimen Collection: Hill & Plain School, New Milford, CT

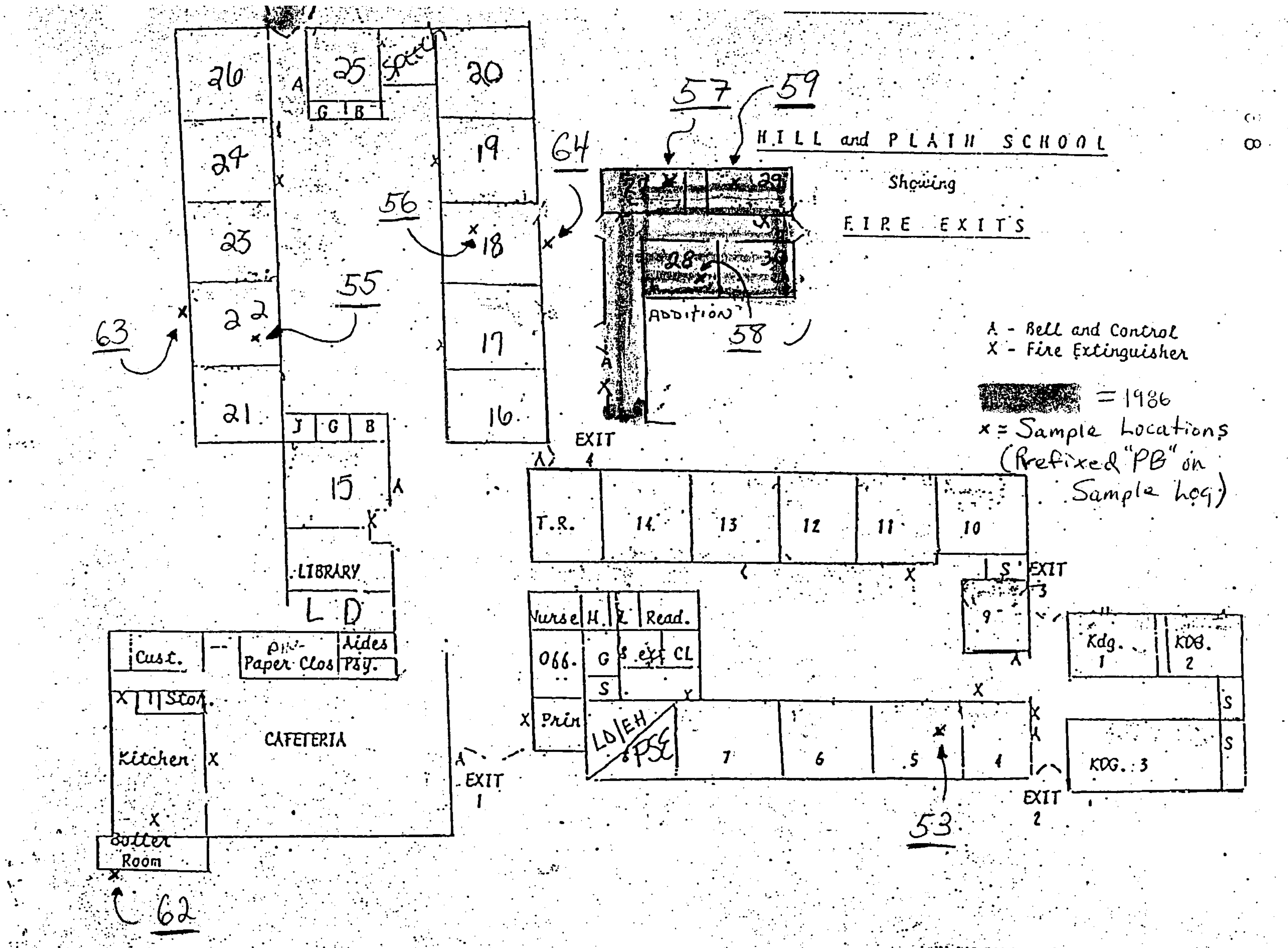
Date Collected: 3-6-90 Date Rec'd in Lab: _____ Date Reported: APR. 2 1990

Collected by: Peter Brunelli Title: Environmental Consultant Organization: EnviroScience Consultants

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2405 5042 -6	2405 5043 -4	2405 5044 -2	2405 5045 -9
Sample ID No.	3-6-90 PB-59	3-6-90 PB-62	3-6-90 PB-63	3-6-90 PB-64
Building or Address	Hill & Plain School	Hill & Plain School	Hill & Plain School	Hill & Plain School
Location of Sample	Room 29	Outside Boiler Room	Outside Room 22	Outside Room 18
Sample Appearance	Gray-pink, fibrous	Gray, fibrous; nonfriable.	Gray, fibrous; nonfriable.	Gray, fibrous; nonfriable.
Asbestos Present Type & Percent	No asbestos seen.	15-30% Chrysotile asbestos.	5-10% Chrysotile asbestos.	20-40% Chrysotile asbestos.
Other Fibrous Material Present	Cellulose, 20%. Mineral wool, 80%.	None.	None.	None.
Percent Total Asbestos Present	None.	15-30%.	5-10%.	20-40%.
Remarks				

GB2/R


HILL and PLAIN SCHOOL
Showing
FIRE EXITS
A - Bell and Control
X - Fire Extinguisher
= 1986
x = Sample Locations
(Prefixed "PB" on
Sample Log)
26
24
23
22
21
25
G
B
20
19
18
17
16
J
G
B
15
LIBRARY
L D
Cust.
Paper Clos
Aides
Psy.
Stor.
Kitchen
CAFETERIA
Boiler
Room
EXIT
1
EXIT
2
EXIT
3
EXIT
4
ADDITION
28
29
30
T.R.
14
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12
11
10
9
Nurse
H.
Read.
Off.
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Prin
LD/EH
PSE
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Kdg.
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KDG.
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64

HYGEIA PROSCIENCE SUMMARY SHEET July 28, 1993
Hygeia ProScience Client No. 80096.001
EnviroScience Consultants, Inc.

Client Reference: Project No. 90-0234D, New Milford AHERA
Hill & Plain School

06-14-BM-10, Room 24, Floor Tile
No Asbestos Detected, Non-Fibrous Material 100%; (Brown)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-11, Room 24, Mastic
No Asbestos Detected, Cellulose Fiber 20%; Non-Fibrous Material 80%; (Black)
Date of Collection: 6/14/93
Analysis Date: 7/27/93 Analyst: M. Manning

06-14-BM-12, Room 24, Floor Tile
No Asbestos Detected, Non-Fibrous Material 100%; (Brown)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-13, Room 24, Mastic
No Asbestos Detected, Cellulose Fiber 20%; Non-Fibrous Material 80%; (Black)
Date of Collection: 6/14/93
Analysis Date: 7/27/93 Analyst: M. Manning

06-14-BM-14, Room 23, Mastic
No Asbestos Detected, Cellulose Fiber 20%; Non-Fibrous Material 80%; (Black)
Date of Collection: 6/14/93
Analysis Date: 7/27/93 Analyst: M. Manning

06-14-BM-15, Room 23, Floor Tile
No Asbestos Detected, Non-Fibrous Material 100%; (Brown)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-16, Storage Room, Floor Tile
Asbestos 2% (Chrysotile); Non-Fibrous Material 98%; (Gray)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-17
Did not analyze

06-14-BM-18
Did not analyze

HYGEIA PROSCIENCE SUMMARY SHEET
Hygeia ProScience Client No. 80096.001
EnviroScience Consultants, Inc.
Page 2.

Client Reference: Project No. 90-0234D, New Milford AHERA
Hill & Plain School

06-14-BM-19
Did not analyze

06-14-BM-20
Did not analyze

06-14-BM-21
Did not analyze

06-14-BM-22, Hall Above Drop Ceiling, TSI, Fitting Cement
No Asbestos Detected, Fibrous Glass 40%; Non-Fibrous Material 60%; (Gray)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-23, Pipe Tunnels, TSI, Fitting Cement
Asbestos 3% (Chrysotile); Cellulose Fiber 10%; Fibrous Glass 37%; Non-Fibrous Material 50%; (Gray)
Date of Collection: 6/14/93
Analysis Date: 7/14/93 Analyst: M. Manning

06-14-BM-24
Did not analyze

06-14-BM-25
Did not analyze

EnviroScience Consultants inc

Environmental Engineering • Industrial Hygiene • Laboratory Service

R2M Pg 1 of 2

SAMPLE LOG
ASBESTOS BULKS

PROJECT NAME: Hill Plain School - New Mil/Fac/ AHERA PROJECT # 90-2340

SAMPLE ID#	BUILDING & LOCATION	MATERIAL TYPE	RESULT (%)
6-14-Bm-10	Rm 24	12x12 Tile (brown)	None
11		mastic	N.S.
12		12x12 Tile (gray)	None
13	↓	mastic	N.S
14	Rm 23	12x12 Tile (brown)	None
15	↓	mastic	N.S.
16	Storage Rm	9x9 VAT (gray)	2% Chrysotile
17		mastic	N.S
18		9x9 VAT	N.A.
19	↓	mastic	~~N.A.~~ N.S.

TEST METHOD: PLM TURNAROUND TIME: Routine

Based on turnaround time indicated above, it is ESC's belief that results are due on or before this date: 6-17. Please call if sample results are going to be late.

FAX RESULTS TO: Harsha Monroe

SPECIAL INSTRUCTIONS: Stop on first positive in each set of layers Samples (10, 12, 14) (16, 18, 20) do not analyze Samples no. (11, 13, 15) (17, 19, 21).

SAMPLES COLLECTED BY: Bob Mercier DATE: 6-14-93 TIME: pm

SAMPLES SENT BY: [signature] DATE: 6-7-93 TIME: _____

SAMPLES RECEIVED BY: _____ DATE: _____ TIME: _____

SHIPPED TO: _____ENSL(State_____) _____ENSL A _____OTHER: Hygen

SHOULD ESC'S CLIENT BE CALLED WITH VERBALS? _____Yes _____No

METHOD OF SHIPMENT:
✓ UPS - Reg. _____UPS Overnite _____Fed Ex _____Other: _____

SMPLOG:PCG

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

EnviroScience Consultants inc

Environmental Engineering ∘ Industrial Hygiene ∘ Laboratory Service

RZM

SAMPLE LOG
ASBESTOS BULKS

PROJECT NAME: New Milford - Hill + Plain Elementary PROJECT # 90-02340

SAMPLE ID#	BUILDING & LOCATION	MATERIAL TYPE	RESULT (%)
6-14-BM-20	Rm 20	9x9 VAT	N.A.
-21	Rm 20	assoc. mastic	N.S.
-22	Hall above drop ceiling	TSI (Ceiling Cement)	None
-23	Pipe funnels.	TSI (Ceiling Cement)	3% Chrysotile
-24	↓	↓	N.A.
-25	↓	↓	N.A.

TEST METHOD: PLM TURNAROUND TIME: Routine

Based on turnaround time indicated above, it is ESC's belief that results are due on or before this date: _____. Please call if sample results are going to be late.

FAX RESULTS TO: Marsha Monroe

SPECIAL INSTRUCTIONS: Stop onfirst positive in each set of three (23, 24, 25)

SAMPLES COLLECTED BY: Bob Mercier DATE: 6-14-93 TIME: pm

SAMPLES SENT BY: _____ DATE: _____ TIME: _____

SAMPLES RECEIVED BY: _____ DATE: _____ TIME: _____

SHIPPED TO: _____EMSL(State_____) _____EMSL A _____OTHER: _____

SHOULD ESC'S CLIENT BE CALLED WITH VERBALS? _____Yes _____No

METHOD OF SHIPMENT:
_____UPS - Reg. _____UPS Overnite _____Fed Ex _____Other: _____

SMPLOG:PC6

252 Hartford Avenue, Newington, Connecticut 06111 203-666-7167 FAX 203-665-15