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# EnviroScience Consultants inc.

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Environmental Engineering ◦ Industrial Hygiene ◦ Laboratory Services

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October 26, 1992

Mr. Thomas Psomas  
Manager of Environmental Services  
New Milford Public Schools  
50 East Street  
New Milford, CT 06776

RE: Designated Person Surveillance  
September 1992  
ESC Project No. 90-0234C

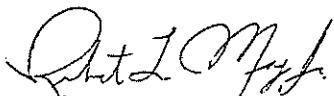
Dear Mr. Psomas:

Enclosed are the reports generated from the Asbestos Periodic Surveillance inspections conducted on October 8, 1992. The forms (ED-076A) have been filled out for each school.

Also included are summary pages from the reports generated from the asbestos removal work performed during the previous six (6) months. The forms (ED-076B) have been filled out with attachments and are also included. These forms should be added to the permanent file on hand at each school to document updates and revisions to the Management Plan for the State to review, if necessary.

Should you have any questions regarding this material, do not hesitate to contact us.

Sincerely,



Robert L. May, Jr.  
Technical Designer

*invoiced 12/4/92*

RLM:des

90-02341:PC6

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DESIGNATED PERSON REPORT  
ASBESTOS PROGRAM

On October 8, 1992, EnviroScience Consultants, Inc.'s Technical Designer, Robert L. May, Jr. performed routine inspections for the New Milford Public School System. The inspection was conducted under the Designated Person Periodic Surveillance program as described in the AHERA regulations.

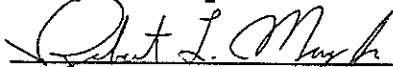
The inspections were conducted in order to update the present conditions of known or assumed asbestos-containing building materials (ACBM) noted on the most recent Asbestos Management Plans and to identify areas where corrective measures may be required. The March and April, 1990, New Milford Asbestos Management Plans were referenced during the October, 1992, inspection, as well as the March, 1992, Designated Person Reports. In addition, the asbestos abatement reports generated from the asbestos removal work which occurred during the previous six (6) months were used to prepare the reports.

The following buildings were inspected on October 8, 1992: The New Milford Public Schools Maintenance Building on Bridge Street, the Lillis Administration Building at 50 East Street, Hill and Plain School at 60 Old Town Park Road, Schaghticoke Middle School and Northville School on Hipp Road, Pettibone Elementary School at 2 Pickett District Road, and the New Milford High School at 25 Sun Valley Road. The inspections involved the visual reassessment of any ACBM or Assumed ACBM listed in the Asbestos Management Plan for each school. The date of the inspection and location of the material was noted along with any changes in the condition of the material and recommended response actions. The reinspection forms are attached.

The following buildings had ACBM or assumed ACBM, the condition of which has changed, along with the response action since the previous inspection: Schaghticoke School, Pettibone Elementary School, and the New Milford High School. Most of the changes in these schools was due to extensive renovation activities and removal of asbestos during the previous six (6) months. Please refer to the attached ED-076B for Asbestos Abatement Activities and the attached Table I which summarizes the results of this surveillance.


In addition, two (2) new assumed ACBM have been identified in the following buildings: 1) New Milford High School - an additional fume hood was identified in classroom 153, and 2) Maintenance Building on Bridge Street - 9" X 9" assumed asbestos-containing floor tile was identified on the second floor.

Prepared by:



Robert L. May, Jr.  
Technical Designer

Reviewed by:



Ralph L. Gumpert, CIH, CSP  
Principal Environmental Hygienist

90-02341:PC6

TABLE I

Schaghticoke Middle School, Hipps Road, New Milford, Connecticut

<u>ACBM</u>	<u>Location</u>	<u>Type</u>	<u>Observed Condition</u>	<u>Recommended Response Action</u>	<u>Date</u>
Ext. Transite Soffit Panels	Across from Field Hockey field	Misc.	3 damaged panels	Removal	1 yr.

Pettibone Elementary School, 2 Pickett District Road, New Milford, Connecticut

<u>ACBM</u>	<u>Location</u>	<u>Type</u>	<u>Observed Condition</u>	<u>Recommended Response Action</u>	<u>Date</u>
Floor tile	Throughout	Misc.	Material has been covered with new 12' x 12' VCT or carpeting.		
Pipe fitting cement	Pipe tunnels throughout	TSI	Material was removed in Summer of 1992.		

New Milford High School, 25 Sunny Valley Road, New Milford, Connecticut

<u>ACBM</u>	<u>Location</u>	<u>Type</u>	<u>Observed Condition</u>	<u>Recommended Response Action</u>	<u>Date</u>
Pipe fittings	1962 pipe tunnels	TSI	Many damaged elbows with debris on tunnel floors.	Removal	1 yr.

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Maintenance Building, Bridge Street</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Basement - Boiler Room
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching  Tank\_\_\_  
Other (specify) \_\_\_\_\_
- ACM Previously Identified  ACM Newly Identified \_\_\_ Basis S \_\_\_ A
- Amount of ACM: 125 sq. ft.
- Friability: High\_\_\_ Moderate  Low\_\_\_ Non-friable\_\_\_
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_  
Physical Damage High\_\_\_ Moderate  Low\_\_\_ None\_\_\_

Additional Comments (provide description) Material is beginning to come loose from boiler breech.

- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Area is not occupied and building is only used for storage purposes. Refer to March 1990 AMP.

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Maintenance Building, Bridge Street	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Basement - Throughout
- Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
 Pipe Insulation:  Duct  Breeching  Tank   
 Other (specify) Elbow/Fitting cement
- ACM Previously Identified  ACM Newly Identified  Basis S  A
- Amount of ACM: 450 Lin ft. ACM.
- Friability: High  Moderate  Low  Non-friable
- Condition:  
 Water Damage High  Moderate  Low  None   
 Physical Damage High  Moderate  Low  None

Additional Comments (provide description) 5 elbows are deteriorated and have covers which are not intact.

- Abatement/Remediation Method (Response Action)  
 Removal  Enclosure  Encapsulation   
 Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Area is not occupied and building is only used for storage purposes. Refer to March 1990 AMP.

TOWN/REGION NAME New Milford	FACILITY NAME AND ADDRESS Maintenance Building, Bridge Street	DATE OF AMP UPDATE 10/8/92
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Second Floor - Room above loading dock.

2. Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
 Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
 Other (specify) Floor tile

3. ACM Previously Identified \_\_\_ ACM Newly Identified  Basis S \_\_\_ A

4. Amount of ACM: 150 sq. ft.

5. Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable

6. Condition:  
 Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
 Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

7. Abatement/Remediation Method (Response Action)  
 Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
 Operation and Maintenance Only

8. Date for Implementation 10/8/92

9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.  
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TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Lillis Administration Building, 50 EAST Street	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Throughout Building
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
 Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
 Other (specify) Floor Tile
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A

4. Amount of ACM: 5,800 sq. ft.

5. Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable

6. Condition:  
 Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
 Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) \_\_\_\_\_

- Abatement/Remediation Method (Response Action)  
 Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
 Operation and Maintenance Only

8. Date for Implementation Continue

9. Rationale for Abatement/Remediation Method (Response Action) selected:

Refer to March 1990 AMP



Section 10-292a-7, Regulations  
of Connecticut State Agencies  
Rev. 10/89

STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

1 of 2

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Northville School, Hipp Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Ground Floor - Boiler Room
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching  Tank\_\_\_  
Other (specify) Caulking material
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
- Amount of ACM: 300 sq. ft.
- Friability: High\_\_\_ Moderate  Low\_\_\_ Non-friable\_\_\_
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_  
Additional Comments (provide description) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.  
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STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

2 of 2

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Northville School, Hipp Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Throughout Building
2. Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
Pipe Insulation  Duct  Breeching  Tank   
Other (specify) Floor tile
3. ACM Previously Identified  ACM Newly Identified  Basis S  A
4. Amount of ACM: 10,000 sq. ft.
5. Friability: High  Moderate  Low  Non-friable
6. Condition:  
Water Damage High  Moderate  Low  None   
Physical Damage High  Moderate  Low  None

Additional Comments (provide description) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Abatement/Remediation Method (Response Action)  
Removal  Enclosure  Encapsulation   
Operation and Maintenance Only
8. Date for Implementation Continue
9. Rationale for Abatement/Remediation Method (Response Action) selected:

Refer to March 1990 AMP.  
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\_\_\_\_\_  
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\_\_\_\_\_

Section 10-292a-7, Regulations  
of Connecticut State Agencies  
Rev. 10/89

STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

1 of 4

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Schaghticoke Middle School, Hipp Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Building Exterior
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
Other (specify) Soffit materials
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
- Amount of ACM: 1,200 sq. ft.
- Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_  
Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Three (3) panels are damaged across from field  
hockey field. These panels should be removed.  
Refer to March 1990 AMP.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOWNSHIP/REGION NAME New Milford	FACILITY NAME AND ADDRESS Schaghticoke Middle School, Hipp Road	DATE OF AMP UPDATE 10/8/92
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Boiler Room
2. Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
 Pipe Insulation\_\_\_ Duct\_\_\_ Breeching  Tank\_\_\_  
 Other (specify)\_\_\_\_\_
3. ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S  A\_\_\_
4. Amount of ACM: 200 sq. ft.
5. Friability: High\_\_\_ Moderate  Low\_\_\_ Non-friable\_\_\_
6. Condition:  
 Water Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_  
 Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) There is evidence of contact damage and cracking, this can be attributed to recent roof removal and replacement over boiler room.

7. Abatement/Remediation Method (Response Action)  
 Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
 Operation and Maintenance Only
8. Date for Implementation Continue
9. Rationale for Abatement/Remediation Method (Response Action) selected:  
These areas should be watched for increased damage. At present condition doesn't warrant any further response action. Refer to March 1990 AMP.

TDMS REGION NAME New Milford	FACILITY NAME AND ADDRESS Schaghticoke Middle School, Hipp Road	DATE OF AMP UPDATE 10/8/92
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Mechanical Rooms
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation:  Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
Other (specify) \_\_\_\_\_
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
- Amount of ACM: 19 sq. ft.
- Friability: High\_\_\_ Moderate  Low\_\_\_ Non-friable\_\_\_
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.  
\_\_\_\_\_  
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TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Schaghticoke Middle School, Hipp Road</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Through-out School
2. Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
Other (specify) Floor Tile
3. ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
4. Amount of ACM: 56,250 sq. ft.
5. Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable
6. Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
Physical Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None

Additional Comments (provide description) Many areas have been covered with new 12x12 VCT or Carpeting.

7. Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
8. Date for Implementation Continue
9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Schaghticoke Middle School, Hipp Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

Please number the pages of each Schedule B being submitted in the upper right hand corner.

1. Asbestos Containing Area Throughout School

2. Material(s)

Type <u>AC Pipe fittings</u>	Amount <u>2 elbows</u>	<i>Hill &amp; Plavin</i>
Type <u>Transite Panels</u>	Amount <u>1A previously removed pieces.</u>	
Type <u>AC Floor tile <del>transite</del></u>	Amount <u>100 sq. ft.</u>	
Type <u>Boxes of VAT</u>	Amount <u>4 boxes</u>	
Type <u>Mastic</u>	Amount <u>1,440 sq. ft.</u>	
Type _____	Amount _____	

3. Name and Address of Abatement Contractor

National Abatement Services, Inc.  
150 Recreation Park Drive  
Hingham, MA 02043

4. Name and Address of School District Project Coordinator

Dr. Stephen C. Tracy - Superintendent  
50 East Street  
New Milford, CT 06776

5. Name and Address of Air Sampling Professional

Enviro Science Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

6. Air Sampling Clearance Results

Attached  No Clearance Air Samples Collected \_\_\_\_\_

7. Date of Project Start September 1, 1992

8. Date of Project Completion September 3, 1992

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ASBESTOS ABATEMENT PROJECT MONITORING REPORT

SCHAGHTICOKE MIDDLE SCHOOL  
HIP ROAD  
NEW MILFORD, CONNECTICUT

**INTRODUCTION:**

EnviroScience Consultants, Inc., (ESC), was retained to provide asbestos abatement project monitoring services at the Schaghticoke Middle School. Asbestos abatement was necessary due to renovations associated with the code violation and energy conservation.

The project required ESC and National Abatement Services to provide abatement and monitoring services on an as-needed basis. As demolition progressed through the building, any asbestos-containing material (ACM) discovered was promptly addressed to expedite the renovation process. The bulk of work consisted of vinyl-asbestos floor tile (VAT) removal necessitated by the General Contractor's construction needs.

In addition to air sampling, ESC's Environmental Consultant, Alaine Lagasse, performed job site inspections. Prior to the beginning of removal activities, a precommencement inspection was conducted. This was to document that work area preparations were performed in accordance with the written technical specifications. During removal activities, progress inspections were conducted inside the work area to assess work progress and work procedures for adherence to contract specifications. Presealant inspections were also conducted to verify that the work area met the non-visible dust criteria prior to conducting final air clearance. A post-teardown inspection was also performed to ensure that all ACM was removed.

**SCOPE OF WORK:**

The scope of the abatement work included the removal and disposal of the ACM listed for each of the following locations:

<u>LOCATION</u>	<u>ACM REMOVED</u>
1. Kitchen	Approximately 100 sq. ft. of VAT and associated mastic
2. Boxed VAT	Three boxes of VAT
3. Transite Boards	Fourteen pieces of previously removed and wrapped



**DISCUSSION:**

The asbestos abatement project in the kitchen of the Schaghticoke Middle School consisted of the complete removal of approximately 100 square feet of vinyl asbestos floor tile and associated mastic which had water damage from the summer construction project. Additional removal consisted of 4 boxes of floor tile which was previously damaged and subsequently collected for disposal as well as 14 pieces of transite board.


**CONCLUSION:**

All work areas passed pre-sealant visual inspections prior to work area encapsulation by the contractor. Following encapsulation, aggressive final air clearance sampling was conducted in accordance with the requirements of the State of Connecticut Department of Health Services air clearance criteria.

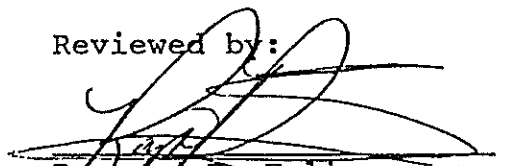
All work was performed within the allotted time frame. There were no delays caused by, or incurred by, the asbestos abatement contractor.

Phase Contrast Microscopy (PCM) air samples were analyzed by a trained project monitor listed on the Asbestos Analyst's Registry maintained by the American Industrial Hygiene Association.

Report prepared by:

  
Alaine V. Lagasse  
Environmental Consultant

Reviewed by:

  
Raymond R. Folino  
Project Manager

91-0126L:PC9

DAILY MONITORING DATA

DATE: 9/3/92 ESC PROJ # 91-012CD  
TECHNICIAN: A. LABADIE AAR #: 9504

BUILDING: Schaghticoke Middle

AREA: Kitchen

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>TD</u>	<u>Kitchen</u>	<u>1300</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>09-03-AL-BUK</u>	<u>FIELD BLANK</u>	<u>FAC</u>	<u>0 f/min<sup>2</sup></u>
2. <u>-01</u>	<u>Inside Kitchen</u>	<u>FAC</u>	<u>0.005 f/cc</u>
3. <u>-02</u>	↓	<u>FAC</u>	<u>0.005</u>
4. <u>-03</u>		<u>FAC</u>	<u>0.005</u>
5. <u>-04</u>		<u>FAC</u>	<u>0.005</u>
6. <u>-05</u>		<u>FAC</u>	<u>0.005</u>
7. _____		_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

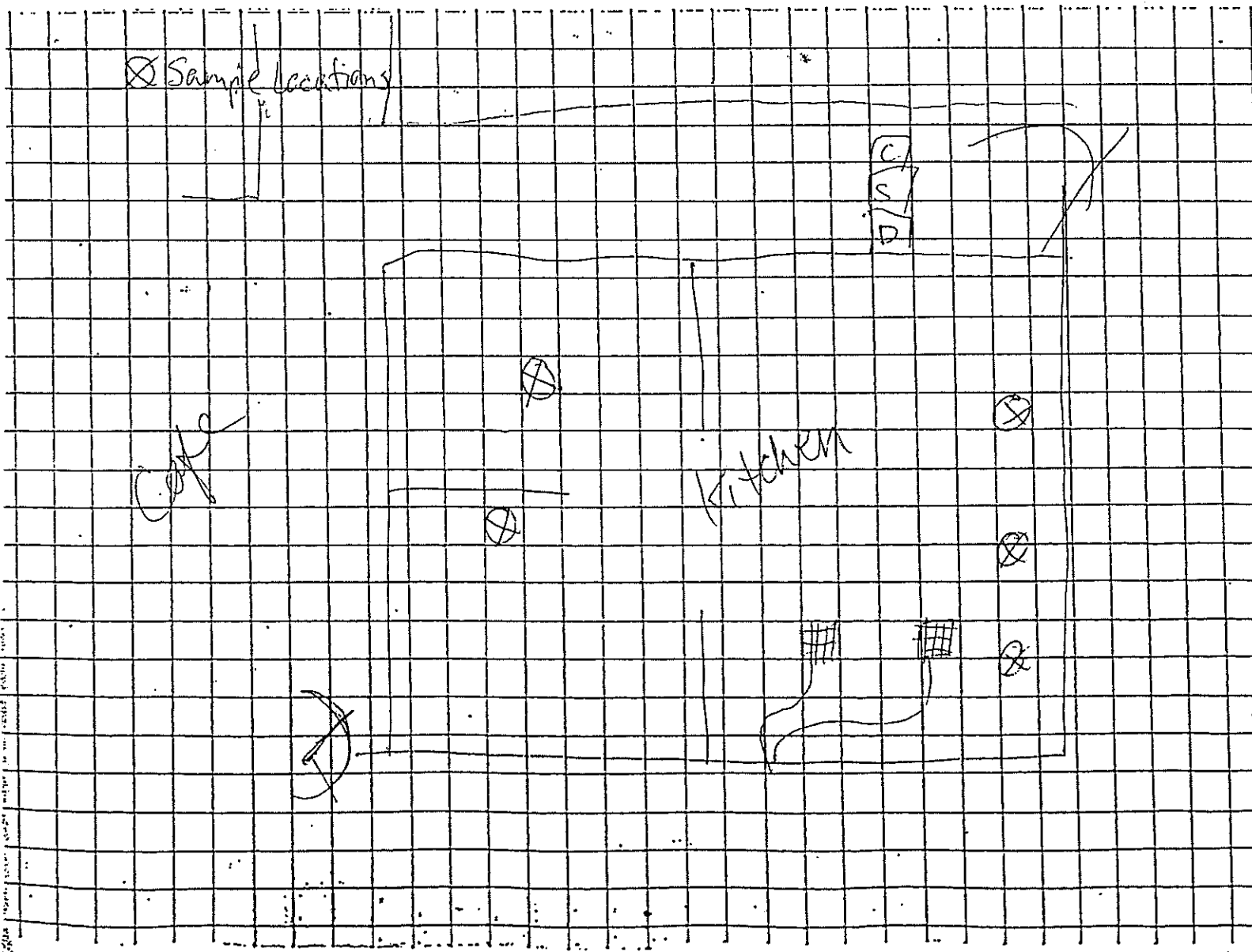
\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DATE: 9/3/92

COMMENTS: PPE conducted first thing. Tear down  
starts by 10/15. Tear down complete 1300.  
2 elbows removed at Hill + Plain School by glove  
bag, prior to tear down of kitchen containment.

WORK AREA DIAGRAM/DAILY SAMPLE LOCATIONS:



STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

10F1

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Pettibone Elementary School, 2 Picet# District Ed.</u>	DATE OF AMP UPDATE <u>10/8/92</u>
----------------------------------------	----------------------------------------------------------------------------------------	--------------------------------------

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Through out School
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
Other (specify) FLOOR TILE

3. ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A

4. Amount of ACM: 46,970 sq. ft.

5. Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable

6. Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) Some material was removed to accomodate new partition walls during summer renovation work the remainder has been covered with VCT.

7. Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only

8. Date for Implementation Continue.

9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to April 1990 AMP.

TOWN/REGION NAME New Milford	FACILITY NAME AND ADDRESS Pettibone Elementary School, 2 Picett District Rd.	DATE OF AMP UPDATE 10/8/92
---------------------------------	---------------------------------------------------------------------------------	-------------------------------

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

Please number the pages of each Schedule B being submitted in the upper right hand corner.

1. Asbestos Containing Area Throughout School

2. Material(s)

Type <u>Pipe Insulation</u>	Amount <u>1,500 Lin. ft.</u>
Type <u>AC Pipe fittings</u>	Amount <u>130 fittings</u>
Type <u>Transite Panels</u>	Amount <u>744 sq. ft.</u>
Type <u>AC FLOOR TILE (VAT)</u>	Amount <u>3,500 sq. ft.</u>
Type <u>Mastic</u>	Amount <u>3,500 sq. ft.</u>
Type _____	Amount _____

3. Name and Address of Abatement Contractor

National Abatement Services, Inc.  
150 Recreation Park Drive  
Hingham, MA 02043

4. Name and Address of School District Project Coordinator

Dr. Stephen C. Tracy - Superintendent  
50 East Street  
New Milford, CT 06776

5. Name and Address of Air Sampling Professional

EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

6. Air Sampling Clearance Results

Attached  No Clearance Air Samples Collected \_\_\_\_\_

7. Date of Project Start June 22, 1992

8. Date of Project Completion August 17, 1992

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## ASBESTOS ABATEMENT PROJECT MONITORING

Pettibone Elementary School  
2 Pickett District Road  
New Milford, Connecticut

### INTRODUCTION:

EnviroScience Consultants, Inc. (ESC) was retained to provide asbestos abatement project monitoring services at the Pettibone Elementary School. Asbestos abatement was necessary due to code update renovation.

Project specifications and bid documents were prepared by EnviroScience Consultants, Inc. The Construction Management Team was O & G Industries of Torrington, CT. The asbestos abatement contractor was National Abatement Service of Massachusetts.

Prior to the commencement of abatement activities, preabatement air samples were collected by ESC. Preabatement samples establish the ambient, or existing, airborne fiber concentrations prior to the start of any abatement actions. Upon commencement of abatement activities, background air samples were collected. These background samples were collected at various locations such as the entrance to the worker decontamination facility, outside critical barriers, and at the negative air exhaust. These samples were collected and analyzed in order to monitor the air quality outside the containment during the abatement process. Comparisons were then made between preabatement samples and background samples. This was done in order to assess the air quality at the work site during the abatement project. Following the completion of final cleaning and encapsulation of the work area, aggressive final air clearance sampling was performed inside the work area to comply with state and federal regulatory requirements.

In addition to air sampling, ESC's Environmental Consultants Stephen Kole, James Gallagher, Jason Krantz and Robert Quinn performed job site inspections. Prior to the beginning of removal activities, a precommencement inspection was conducted. This was to document that work area preparations were performed in accordance with the written technical specifications. During removal activities, progress inspections were conducted inside the work area to assess work progress and work procedures for adherence to contract specifications. Presealant inspections were also conducted to verify that the work area met the non-visible dust criteria prior to conducting final air clearance. A post-teardown inspection was also performed to ensure that all ACM was removed.

SCOPE OF WORK:

The scope of the abatement work included the removal and disposal of the ACM listed for each of the following locations:

Drawing #AR-2

A. Work Area #2

Work included the complete removal and disposal of all VAT and associated mastic from the existing library area. Also included was the removal and disposal of all affected carpeting as construction debris. Eight (8) sections of millwork were relocated to the outside of work area #15 for removal of transite backing. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic.....1,800 square feet
2. Carpet (construction debris).....1,800 square feet
3. Transite millwork backing..... 144 square feet

B. Work Area #3

Work included the complete removal and disposal of all VAT and associated mastic in the existing kitchen/storage area to the new serving line area wall. Also included was a portion of the north wing corridor to accommodate door replacement. Transite wall panels at west wall of kitchen were removed. Following removal, one-half inch (1/2") plywood was secured in place with wood screws. Weatherproofing, as required, was provided to protect kitchen floor. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic.....1,700 square feet
2. Double-sided transite wall panels..... 120 square feet

C. Work Area #4

Work included the complete removal and disposal of all transite wall panels in the auditorium/gymnasium area. Following removal, one-half inch (1/2") plywood was secured in place with wood screws. Weatherproofing, as required, was provided to protect gymnasium floor. This included but was not limited to the following quantities:

1. Transite wall panels..... 480 square feet

D. Pipe Tunnels - East and West Wings

Work included complete removal and disposal of all thermal system insulation from the East and West pipe tunnels. This included but was not limited to the following estimated quantities:

1. Asbestos-containing pipe insulation..... 1,500 linear feet
2. Asbestos-containing mud pack fittings..... 130 fittings
3. Fiberglass pipe insulation..... unknown

DISCUSSION:

Due to major renovations taking place at the Pettibone Elementary School, the project called for continuous coordination between EnviroScience Consultants, Inc., National Abatement, and O & G Industries. The three parties consistently stayed in contact and were able to expedite the schedule regardless of changes in priority areas as work progressed. With several trades present at all times throughout the building, elevated dust levels were recorded at times. However, these levels were consistent with preabatement levels.

All exterior gymnasium transite panels were removed in a cordoned-off area under wet removal techniques with minimum breakage and were bagged directly.

CONCLUSION:

All work areas passed pre-sealant visual inspections prior to work area encapsulation by the contractor. Following encapsulation, aggressive final air clearance sampling was conducted in accordance with the requirements of the State of Connecticut Department of Health Services air clearance criteria.

All work was performed within the allotted time frame. There were no delays caused by, or incurred by, the asbestos abatement contractor.

Phase Contrast Microscopy (PCM) air samples were analyzed by a trained project monitor listed on the Asbestos Analyst's Registry maintained by the American Industrial Hygiene Association.

Transmission Electron Microscopy (TEM) analyses were performed by Electron Microscopy Services Laboratories, Inc., a Connecticut-certified laboratory. Laboratory results are attached.

Report prepared by:

\_\_\_\_\_  
Alaine Lagasse  
Environmental Consultant

Reviewed by:

  
Raymond R. Folino  
Project Manager

910126D:PC6



DAILY MONITORING DATA

DATE: 7-20-92 ESC PROJ # 91-0126B  
 TECHNICIAN: Jay Krantz AAR #: \_\_\_\_\_  
 BUILDING: Pettibone Elementary School  
 AREA: Work Area #14, VAT in hallway outside rm 36

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-20-JK-1</u>	<u>Blank</u>	_____	_____
2. <u>7-20-JK-2</u>	<u>Blank</u>	_____	_____
3. <u>7-20-JK-3</u>	<u>Inside conf.</u>	<u>FAC</u>	<u>.0009</u>
4. <u>" "</u>	<u>" "</u>	<u>"</u>	<u>.0009</u>
5. <u>" "</u>	<u>" "</u>	<u>"</u>	<u>.0003</u>
6. <u>" "</u>	<u>" "</u>	<u>"</u>	<u>.0011</u>
7. <u>" "</u>	<u>" "</u>	<u>"</u>	<u>.0009</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-17-92 ESC PROJ # 91-0126C  
 TECHNICIAN: J. GALLAGHER AAR #: 1980  
 BUILDING: PETTIBONE  
 AREA: \_\_\_\_\_

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1.		
2.		
3.		
4.		
5.		

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. 7-17-JG-11	W.A. #8 HVAC	FAC	0.0044
2. -12	↓	↓	0.0031
3. -13			< 0.0029
4. -14			< 0.0029
5. -15			0.0037
6. -16			BLANK
7. -17	BLANK	↓	2 fib/100 flds
8.			
9.			
10.			

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-17-92. ESC PROJ # 91-0126 C  
 TECHNICIAN: J. GALLAGHER AAR #: 1980

BUILDING: PETTIBONE

AREA: #5, #8, #14 N, #14 S.

<u>INSPECTIONS* (PC, PR, PS, TD)</u>	<u>WORK AREA</u>	<u>TIME</u>
1. <u>PC/PS</u>	<u>#14 "SOUTH"</u>	<u>0800/0900</u>
2. <u>PS</u>	<u>#14 "NORTH"</u>	<u>1400</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

<u>SAMPLE #</u>	<u>LOCATION**</u>	<u>ACTIVITY***</u>	<u>RESULTS (f/cc)</u>
1. <u>7-17-JG-01</u>	<u>W.A. #5 - SPEC 7'x9'</u>	<u>FAC</u>	<u>&lt;0.0024</u>
2. <u>-02</u>	↓	↓	<u>&lt;0.0025</u>
3. <u>-03</u>	↓	↓	<u>&lt;0.0023</u>
4. <u>-04</u>	↓	↓	<u>&lt;0.0024</u>
5. <u>-05</u>	↓	↓	<u>0.0032</u>
6. <u>-06</u>	<u>W.A. #14 ("SOUTH")</u>	↓	<u>&lt;0.0039</u>
7. <u>-07</u>	↓	↓	<u>&lt;0.0040</u>
8. <u>-08</u>	↓	↓	<u>&lt;0.0039</u>
9. <u>-09</u>	↓	↓	<u>&lt;0.0039</u>
10. <u>-10</u>	↓	↓	<u>&lt;0.0040</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-16-92. ESC PROJ # 91-0126C  
 TECHNICIAN: GALLAGHER AAR #: 1980  
 BUILDING: PETT.  
 AREA: \_\_\_\_\_

<u>INSPECTIONS* (PC, PR, PS, TD)</u>	<u>WORK AREA</u>	<u>TIME</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

<u>SAMPLE #</u>	<u>LOCATION**</u>	<u>ACTIVITY***</u>	<u>RESULTS (f/cc)</u>
1. <u>7-16-JG-11</u>	<u>W.A.#7</u>	<u>FAC</u>	<u>0.0058</u>
2. <u>-12</u>	↓	↓	<u>0.0041</u>
3. <u>-13</u>	↓	↓	<u>0.0055</u>
4. <u>-14</u>	↓	↓	<u>0.0063</u>
5. <u>-15</u>	↓	↓	<u>0.0060</u>
6. <u>-16</u>	<u>W.A.#5 - RM 02</u>	<u>FAC</u>	<u>0.0038</u>
7. <u>-17</u>	↓	↓	<u>&lt;0.0035</u>
8. <u>-18</u>	↓	↓	<u>0.0054</u>
9. <u>-19</u>	↓	↓	<u>0.0045</u>
10. <u>↓ -20</u>	↓	↓	<u>&lt;0.0034</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown  
 \*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-16-92. ESC PROJ # 91-0126C  
 TECHNICIAN: J. GALLAGHER AAR #: 1980

BUILDING: PETTIBONE

AREA: W.A. #'s 5, 7, 8, 9, 10, 14

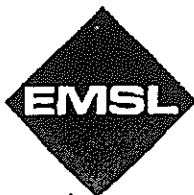
INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC/PS</u>	<u>#5 (7'x9' AREA IN SPEC)</u>	<u>0900/1200</u>
2. <u>PC/PS</u>	<u>#5 (3 trachus RM 02-XTRA)</u>	<u>0900/1100</u>
3. <u>PC/PS</u>	<u>#8 (HVAC)</u>	<u>1300/1600</u>
4. <u>PC</u>	<u>#14 (Fire Door Further North)</u>	<u>1630</u>
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-16-JG-01</u>	<u>W.A. #9</u>	<u>FAC</u>	<u>&lt;0.0032</u>
2. <u>-02</u>			<u>&lt;0.0032</u>
3. <u>-03</u>			<u>&lt;0.0032</u>
4. <u>-04</u>			<u>&lt;0.0033</u>
5. <u>-05</u>			<u>&lt;0.0032</u>
6. <u>-06</u>	<u>W.A. #10</u>	<u>FAC</u>	<u>0.0044</u>
7. <u>-07</u>			<u>0.0041</u>
8. <u>-08</u>			<u>0.0035</u>
9. <u>-09</u>			<u>0.0054</u>
10. <u>-10</u>			<u>0.0034</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance



# ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

Westmont, NJ    Piscataway, NJ    Landover, MD    Atlanta, GA    Melbourne, FL    Ann Arbor, MI    Lisle, IL    San Mateo, CA  
 609-858-4800    908-981-0550    301-459-8776    404-365-4048    407-725-5223    313-668-6610    708-241-1901    415-570-5401

Monday, July 20th, 1992

EnviroScience Consultants, Inc.  
 252 Hartford Avenue  
 Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
 SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
 X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126C/PETTIBONE ELEMENTARY

## AHERA SUMMARY REPORT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
7-15-JG-01	1520.00	Chrysotile	1	0	0.0046	18.0	0.0046	72.0
7-15-JG-02	1560.00	Chrysotile	1	0	0.0050	20.3	0.0050	81.0
7-15-JG-03	1600.00	None Detected	0	0	< 0.0049	< 20.3	0.0049	81.0
7-15-JG-04	1560.00	None Detected	0	0	< 0.0044	< 18.0	0.0044	72.0
7-15-JG-05	1600.00	Chrysotile	1	0	0.0049	20.3	0.0049	81.0

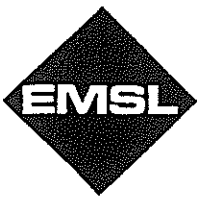
Arithmetic mean AS/mm squared(12) ≤ 70 AS/mm squared the site PASSES  
 NA - Not Applicable  
 For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
 President

*R.K. Maloney*  
 Laboratory Supervisor

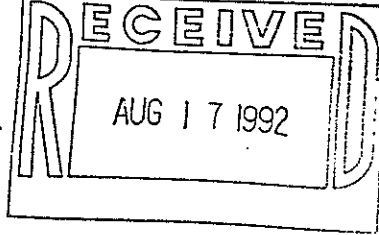
Approved Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm squared and not in fibers/cc, which is dependent on volume collected by nonlaboratory personnel. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. This report may only be reproduced in full with written approval by EMSL.  
 \* Accredited for PLM/TEM 1048      \*\* This Sample has been selected for Quality Control.



# ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

Westmont, NJ 609-858-4800    Piscataway, NJ 908-981-0550    Landover, MD 301-459-8776    Atlanta, GA 404-355-4046    Melbourne, FL 407-725-5223    Ann Arbor, MI 313-668-6810    Lisle, IL 708-241-1901    San Mateo, CA 415-570-5401



Tuesday, August 4th, 1992

EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126C/Pettibone School

## AHERA TEM RESULTS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
7-27-JH-4	1600.00	None Detected	0	0	< 0.0048	< 19.7	0.0048	79.0
7-27-JH-5	1560.00	None Detected	0	5	< 0.0049	< 19.7	0.0049	79.0
7-27-JH-6	1560.00	None Detected	0	6	< 0.0049	< 19.7	0.0049	79.0
7-27-JH-7	1600.00	None Detected	0	2	< 0.0048	< 19.7	0.0048	79.0
7-27-JH-8	1600.00	None Detected	0	1	< 0.0048	< 19.7	0.0048	79.0

Arithmetic mean AS/mm squared(0) ≤ 70 AS/mm squared the site PASSES

NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
President

*R.K. Maloney*  
Laboratory  
Supervisor

Approved  
Signatory

**Disclaimers:** The laboratory is only responsible for fibers counted in fibers/mm squared and not in fibers/cc, which is dependent on volume collected by nonlaboratory personnel. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. This report may only be reproduced in full with written approval by EMSL.

\* Accredited for PLM/TEM 1048

\*\* This Sample has been selected for Quality Control.

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Pettibone Elementary School, 2 Picet District Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

Please number the pages of each Schedule B being submitted in the upper right hand corner.

1. Asbestos Containing Area Throughout School

2. Material(s)

Type <u>AC Pipe Insulation</u>	Amount <u>1,500 Lin.ft.</u>
Type <u>AC Pipe fittings</u>	Amount <u>55 fittings.</u>
Type <u>AC Floor tile and Mastic</u>	Amount <u>2,242 sq.ft.</u>
Type <u>Transite Panels</u>	Amount <u>1,260 sq.ft.</u>
Type _____	Amount _____
Type _____	Amount _____

3. Name and Address of Abatement Contractor

Talco Asbestos Removal, Inc.  
1255 Wilbur Cross Parkway  
Berlin, CT 06037

4. Name and Address of School District Project Coordinator

Dr. Stephen C. Tracy - Superintendent  
50 East Street  
New Milford, CT 06776

5. Name and Address of Air Sampling Professional

Enviro Science Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

6. Air Sampling Clearance Results  
Attached  No Clearance Air Samples Collected

7. Date of Project Start July 6, 1992

8. Date of Project Completion July 27, 1992



---

## ASBESTOS ABATEMENT PROJECT MONITORING

Pettibone Elementary School  
2 Pickett District Road  
New Milford, Connecticut

### INTRODUCTION:

EnviroScience Consultants, Inc., (ESC), was retained to provide asbestos abatement project monitoring services at the Pettibone Elementary School. Asbestos abatement was necessary due to code update renovations.

Project specifications and bid documents were prepared by EnviroScience Consultants, Inc. The Construction Management Team on site was O & G Industries of Torrington, Connecticut. The asbestos abatement contractor was Talco Asbestos Removal Inc., of Berlin, CT.

Prior to the commencement of abatement activities, preabatement air samples were collected by ESC. Preabatement samples establish the ambient, or existing, airborne fiber concentrations prior to the start of any abatement actions. Upon commencement of abatement activities, background air samples were collected. These background samples were collected at various locations such as the entrance to the worker decontamination facility, outside critical barriers, and at the negative air exhaust. These samples were collected and analyzed in order to monitor the air quality outside the containment during the abatement process. Comparisons were then made between preabatement samples and background samples. This was done in order to assess the air quality at the work site during the abatement project. Following the completion of final cleaning and encapsulation of the work area, aggressive final air clearance sampling was performed inside the work area to comply with state and federal regulatory requirements.

In addition to air sampling, ESC's Environmental Technicians James Gallagher, Robert Quinn and Jason Krantz performed job site inspections. Prior to the beginning of removal activities, a precommencement inspection was conducted. This was to document that work area preparations were performed in accordance with the written technical specifications. During removal activities, progress inspections were conducted inside the work area to assess work progress and work procedures for adherence to contract specifications. Presealant inspections were also conducted to verify that the work area met the non-visible dust criteria prior to conducting final air clearance. A post-teardown inspection was also performed to ensure that all ACM was removed.

**SCOPE OF WORK:**

The scope of the abatement work included the removal and disposal of the ACM listed for each of the following locations:

LOCATION

ACM REMOVED

Drawing AR-1

Work Area #1

Work included the complete removal of all thermal system insulation from the north/northeast wing pipe tunnels. This included but was not limited to the following estimated quantities:

1. Asbestos-containing pipe insulation ..... 1,100 linear feet
2. Asbestos-containing mud pack fittings  
on fiberglass insulated lines ..... 40 fittings
3. Fiberglass pipe insulation ..... unknown

Work Area #5

Work included the complete removal and disposal of all VAT and associated mastic necessary to install the new storage closet in classroom 08. Also, thirty-six (36) sections of millwork were relocated to outside work area #16 for removal of transite backing. Estimated quantities included but were not limited to the following:

1. Vinyl asbestos tile and associated mastic .. 64 square feet
2. Transite millwork backing ..... 630 square feet

Work Area #6

Work included the complete removal and disposal of all VAT and associated mastic from classroom 47 and 48. Also included was the removal and disposal of the affected carpeting as construction debris. Also, thirty-six (36) sections of millwork were relocated to the outside of work area #15 for removal of transite backing. Estimated quantities included but were not limited to the following:

1. Vinyl asbestos tile, associated mastic  
and affected carpet ..... 1,472 square feet
2. Vinyl asbestos tile and associated mastic . 27 square feet
3. Transite millwork backing ..... 630 square feet

Work Area #7

Work included the complete removal and disposal of all VAT and associated mastic in the existing coach's office. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic..... 140 square feet

Work Area #8

Work included the complete removal and disposal of all thermal system insulation associated with the air handling unit located in room 114. This included but was not limited to the following quantities:

1. Mud pack fittings..... 15 elbows

Work Area #9

Work included the complete removal and disposal of all VAT and associated mastic in the new handicap health care lavatory. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic..... 209 square feet

Work Area #10

Work included the complete removal and disposal of all VAT and associated mastic required to provided trenching in the concrete slab in the custodian's storage and east wing corridor. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic..... 60 square feet

Work Area #14

Work included the complete removal and disposal of all VAT and associated mastic necessary to accommodate new wall and door installation at the north end of the east wing corridor. This included but was not limited to the following estimated quantities:

1. Vinyl asbestos tile and associated mastic..... 300 square feet

**DISCUSSION:**

Asbestos removal work at the Pettibone Elementary School, Talco Project proceeded at an unacceptable rate. During the course of the project the contractor's work crew was consistently undersized and unprepared. Delays were incurred by other trades on site due to Talco's overrun in the pipe tunnel area. A change order was awarded to Talco to remove additional ACM from the tunnel area. A one day extension of time was granted to Talco for this work. Correspondence attached to this report documents the problems incurred.

**CONCLUSION:**

All work areas passed pre-sealant visual inspections prior to work area encapsulation by the contractor. Following encapsulation, aggressive final air clearance sampling was conducted in accordance with the requirements of the State of Connecticut Department of Health Services air clearance criteria.

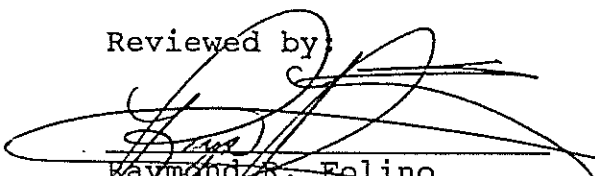
Phase Contrast Microscopy (PCM) air samples were analyzed by a trained project monitor listed on the Asbestos Analyst's Registry maintained by the American Industrial Hygiene Association.

Transmission Electron Microscopy (TEM) analyses were performed by Electron Microscopy Services Laboratories, Inc., a Connecticut-certified laboratory. Laboratory results are attached.

Report prepared by:

  
Alaine V. Lagasse  
Environmental Consultant

Reviewed by:

  
Raymond R. Folino  
Project Manager

91-01261:PC6

DAILY MONITORING DATA

DATE: 8/5/92 ESC PROJ # 91-0126 C  
 TECHNICIAN: Jim Ciago AAR #: \_\_\_\_\_  
 BUILDING: Pettibone  
 AREA: Office Conference Room

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>TD</u>	<u>office</u>	
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>08-05-JC-BK</u>	_____	<u>Field Blank</u>	<u>3.18 f/mm<sup>2</sup></u>
2. <u>-01</u>	<u>Office Containment Hall side, right</u>	<u>FAC</u>	<u>LO.005 f/cc</u>
3. <u>-02</u>	<u>Office Containment Hall side, left</u>	↓	<u>LO.005</u>
4. <u>-03</u>	<u>Office Containment Office side, right</u>		<u>LO.005</u>
5. <u>-04</u>	<u>Office containment Office side, center</u>		<u>LO.005</u>
6. <u>-05</u>	<u>Office containment Office side, left</u>		<u>LO.005</u>
7. <u>TEM</u>	<u>OFFICE/CONF.</u>		<u>FAC</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-7-92. ESC PROJ # 91-0126C  
 TECHNICIAN: GALLAGHER AAR #: 1980  
 BUILDING: PETTIBONE  
 AREA: \_\_\_\_\_

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. _____	_____	<u>N/A</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-7-JG-01</u> <del>NONE</del>	<u>Gym Risers Pr: 7/2</u>	<u>FAC</u>	<u>&lt;0.0043</u>
2. <u>7-7-JG-02</u>	↓	↓	<u>&lt;0.0042</u>
3. <u>-03</u>	↓	↓	<u>0.0041</u>
4. <u>-04</u>	↓	↓	<u>&lt;0.0045</u>
5. <u>-05</u>	↓	↓	<u>&lt;0.0046</u>
6. <u>↓ -06</u>	<u>BLANK</u>	<u>↓</u>	<u>1 flb/100 flds</u>
7. _____	_____	_____	_____

8. \_\_\_\_\_ \* NOTE! THE AIR SAMPLING DATA SHEET DOES  
 9. \_\_\_\_\_ NOT ACCOMPANY THIS REPORT BECAUSE THE  
 10. \_\_\_\_\_ CLEARANCE WAS FOR A NATIONAL AGREEMENT CONTAINMENT.

— PLEASE SEE THAT REPORT IF NEEDED.

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

*JF*

DAILY MONITORING DATA

DATE: 7-3-92. ESC PROJ # 91-0126 C  
 TECHNICIAN: S. KOLE, J. GALLAGHER AAR #: 1980

BUILDING: PETTIBONE

AREA: ADJ. TO KITCHEN, GENERAL AREAS SURVEYED.

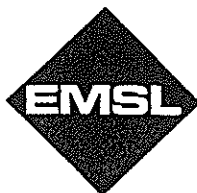
INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PS</u>	<u>Adj to Kitchen, #3 cont.</u>	<u>0900</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-3-J6-01</u>	<u>INSIDE-ADJ. TO KITCH.</u>	<u>FAC</u>	<u>0.0047</u>
2. <u>-02</u>			<u>&lt;0.0045</u>
3. <u>-03</u>			<u>0.0064</u>
4. <u>-04</u>			<u>0.0041</u>
5. <u>-05</u>			<u>0.0075</u>
6. <u>✓ -06</u>	<u>BLANK</u>	<u>✓</u>	<u>2 fib/100 flds</u>
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance



# ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

Westmont, NJ    Piscataway, NJ    Landover, MD    Atlanta, GA    Melbourne, FL    Ann Arbor, MI    Lisle, IL    San Mateo, CA  
 609-858-4800    908-981-0550    301-459-8776    404-355-4046    407-725-8223    313-668-6810    708-241-1901    415-570-5401

Friday, July 3rd, 1992

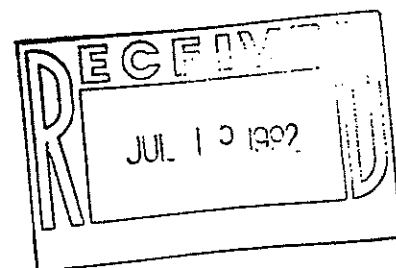
EnviroScience Consultants, Inc.  
 252 Hartford Avenue  
 Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
 SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
 X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-01267/Pettibone Elementary

## AHERA SUMMARY REPORT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
#6(IWA)	1683.00	None Detected	0	0	< 0.0047	< 20.5	0.0047	81.8
#7(IWA)	1692.00	None Detected	0	0	< 0.0047	< 20.5	0.0047	81.8
#8(IWA)	1620.00	None Detected	0	1	< 0.0049	< 20.5	0.0049	81.8
#9(IWA)	1800.00	None Detected	0	0	< 0.0050	< 23.4	0.0050	93.5
#10(IWA)	1800.00	None Detected	0	0	< 0.0050	< 23.4	0.0050	93.5



NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
 President

Laboratory  
 Supervisor

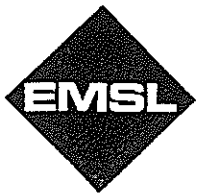
*R. Frasca*  
 Approved  
 Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm squared and not in fibers/cc, which is dependent on volume collected by nonlaboratory personnel. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. This report may only be reproduced in full with written approval by EMSL.

\* Accredited for PLM/TEM 1048

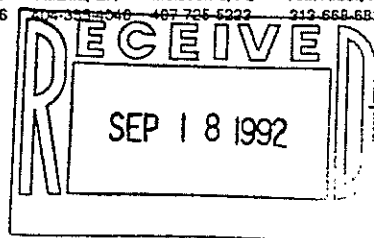
\*\* This Sample has been selected for Quality Control.





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Tuesday, July 14th, 1992

EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126C/Pettibone

## AHERA TEM RESULTS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
7-1-SK-01	2070.00	None Detected	0	0	< 0.0038	< 20.3	0.0038	81.0
7-1-SK-02	2160.00	None Detected	0	0	< 0.0036	< 20.3	0.0036	81.0
7-1-SK-03	1508.00	None Detected	0	1	< 0.0046	< 18.0	0.0046	72.0
7-1-SK-04	2070.00	None Detected	0	0	< 0.0038	< 20.3	0.0038	81.0
7-1-SK-05	2011.00	None Detected	0	0	< 0.0039	< 20.3	0.0039	81.0

Arithmetic mean AS/mm squared(0) ≤ 70 AS/mm squared the site PASSES

NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
President

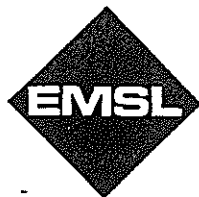
*R.K. Mahoney*  
Laboratory  
Supervisor

Approved  
Signatory

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\* Accredited for PLM/TEM 1048

\*\* This Sample has been selected for Quality Control.



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Tuesday, July 14th, 1992

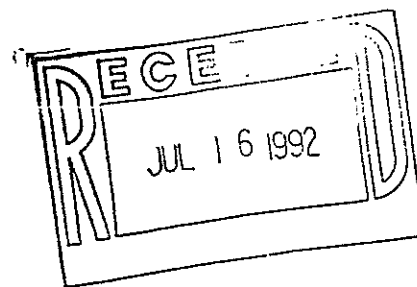
EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126C-Pettibone

## AHERA TEM RESULTS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
7-2-SK-21	2529.00	None Detected	0	0	< 0.0031	< 20.3	0.0031	81.0
7-2-SK-22	2538.00	None Detected	0	0	< 0.0031	< 20.3	0.0031	81.0
7-2-SK-23	2363.00	Chrysotile	2	9	0.0066	40.5	0.0033	81.0
7-2-SK-24	2160.00	Chrysotile	2	7	0.0072	40.5	0.0036	81.0
7-2-SK-25	2178.00	None Detected	0	0	< 0.0036	< 20.3	0.0036	81.0



Arithmetic mean AS/mm squared(16) ≤ 70 AS/mm squared the site PASSES

NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
President

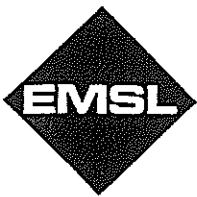
*R.K. Maloney*  
Laboratory  
Supervisor

Approved  
Signatory

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\* Accredited for PLM/TEM 1048

\*\* This Sample has been selected for Quality Control

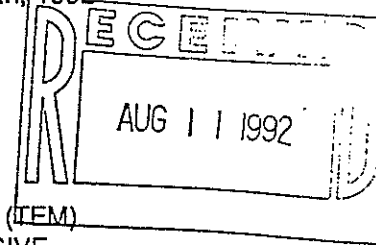


# ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

Westmont, NJ 609-858-4800    Piscataway, NJ 908-981-0550    Landover, MD 301-459-8776    Atlanta, GA 404-355-4046    Melbourne, FL 407-725-5223    Ann Arbor, MI 313-668-6810    Lisle, IL 708-241-1901    San Mateo, CA 415-570-5401

Friday, August 7th, 1992

EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111



ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126C/Pettibone School, New Milford,CT

## AHERA SUMMARY REPORT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
08-05-JC-06	1280.00	None Detected	0	29	< 0.0047	< 15.6	0.0047	62.6
08-05-JC-07	1290.00	None Detected	0	8	< 0.0047	< 15.6	0.0047	62.6
08-05-JC-08	1270.00	None Detected	0	3	< 0.0047	< 15.6	0.0047	62.6
08-05-JC-09	1270.00	Chrysotile Asbestos	6	65	0.0285	93.9	0.0047	62.6
08-05-JC-10	1263.36	Chrysotile Asbestos	3	23	0.0143	46.9	0.0048	62.6

Arithmetic mean AS/mm squared(28) ≤ 70 AS/mm squared the site PASSES

NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
President

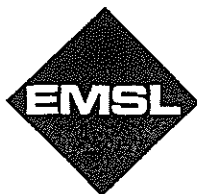
*R.K. Maloney*  
Laboratory  
Supervisor

Approved  
Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm squared and not in fibers/cc, which is dependent on volume collected by nonlaboratory personnel. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. This report may only be reproduced in full with written approval by EMSL.

\* Accredited for PLM/TEM 104B

\*\* This Sample has been selected for Quality Control.



# ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

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Monday, June 29th, 1992

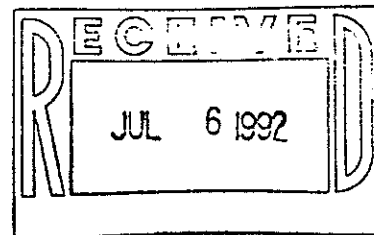
EnviroScience Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

ASBESTOS FIBER ANALYSIS by TRANSMISSION ELECTRON MICROSCOPY (TEM)  
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE  
X-RAY MICROANALYSIS (EDX) PERFORMED by EPA 40 CFR Part 763 Final Rule.

Project : 91-0126 L/Pettibone Elementary/New Milford

## AHERA SUMMARY REPORT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES		CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)	CONFIDENCE LIMIT (AS/mm <sup>2</sup> )
			ASB	NONASB	AS/cc	AS/mm <sup>2</sup>		
6-26-SK-01	1619.80	None Detected	0	2	< 0.0043	< 18.2	0.0043	72.7
6-26-SK-02	1674.00	Actinolite	1	1	0.0042	18.2	0.0042	72.7
6-26-SK-03	1620.00	None Detected	0	1	< 0.0049	< 20.5	0.0049	81.8
6-26-SK-04	1845.00	None Detected	0	3	< 0.0043	< 20.5	0.0043	81.8
06-26-SK-05	1674.00	None Detected	0	1	< 0.0047	< 20.5	0.0047	81.8



NA - Not Applicable

For none detected samples number under AS/cc is equal to the analytical sensitivity.

Peter Frasca, Ph.D  
President

*R. K. Maloney*  
Laboratory  
Supervisor

Approved  
Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm squared and not in fibers/cc, which is dependent on volume collected by nonlaboratory personnel. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. This report may only be reproduced in full with written approval by EMSL.

\* Accredited for PLM/TEM 1048

\*\* This Sample has been selected for Quality Control.

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	New Milford High School, 25 Sunny Valley Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: 1962 Pipe Tunnels
- Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
Pipe Insulation  Duct  Breeching  Tank   
Other (specify) Elbow/fitting Cement
- ACM Previously Identified  ACM Newly Identified  Basis S  A
- Amount of ACM: 440 elbows ~~sq ft~~
- Friability: High  Moderate  Low  Non-friable
- Condition:  
Water Damage High  Moderate  Low  None   
Physical Damage High  Moderate  Low  None

Additional Comments (provide description) 20 elbows have fallen  
and 20-30 are damaged by water leaks in piping.  
Air Cell pipe insulation under stage in auditorium has fallen to floor.

- Abatement/Remediation Method (Response Action)  
Removal  Enclosure  Encapsulation   
Operation and Maintenance Only
- Date for Implementation As Soon as feasible
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Areas are not accessible to students and maintenance  
staff only enter tunnels periodically. These areas  
should be accessed as little as possible. Renovations  
are being considered for 1993-1994 budget, removal  
of material will be done at this time.

STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

2 of 5

TOWNSHIP NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	New Milford High School, 25 Sunny Valley Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: 1970 Pipe tunnels
2. Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
Pipe Insulation:  Duct  Breeching  Tank   
Other (specify) Elbow/fitting cement
3. ACM Previously Identified  ACM Newly Identified  Basis S  A
4. Amount of ACM: 126 elbows ~~ft.~~
5. Friability: High  Moderate  Low  Non-friable
6. Condition:  
Water Damage High  Moderate  Low  None   
Physical Damage High  Moderate  Low  None

Additional Comments (provide description) No damage noted during inspection

7. Abatement/Remediation Method (Response Action)  
Removal  Enclosure  Encapsulation   
Operation and Maintenance Only
8. Date for Implementation Continue
9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.

STATE OF CONNECTICUT  
Department of Education  
BUREAU OF GRANTS PROCESSING  
SCHOOL FACILITIES UNIT  
P.O. BOX 2219, Hartford, CT 06145

3 of 5

TOWNSHIP NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	New Milford High School, 25 Sunny Valley Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: 1970 Addition - Classroom areas (above ceiling)
- Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
Pipe Insulation  Duct  Breeching  Tank   
Other (specify) Elbow/fitting Cement
- ACM Previously Identified  ACM Newly Identified  Basis S  A
- Amount of ACM: 91 elbows ~~4.44~~
- Friability: High  Moderate  Low  Non-friable
- Condition:  
Water Damage High  Moderate  Low  None   
Physical Damage High  Moderate  Low  None

Additional Comments (provide description) Some debris is  
evident on ceiling tiles.

- Abatement/Remediation Method (Response Action)  
Removal  Enclosure  Encapsulation   
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Limit access, Refer to March 1990 AMP.

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	New Milford High School, 25 Sunny Valley Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Classroom 148 and Classroom 153

2. Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
 Pipe Insulation  Duct  Breeching  Tank   
 Other (specify) Fume hood

3. ACM Previously Identified  ACM Newly Identified  Basis S  A

4. Amount of ACM: 50 ; 50 sq. ft.

5. Friability: High  Moderate  Low  Non-friable

6. Condition:  
 Water Damage High  Moderate  Low  None   
 Physical Damage High  Moderate  Low  None

Additional Comments (provide description) An additional fume hood was identified during this inspection in Classroom 153.

7. Abatement/Remediation Method (Response Action)  
 Removal  Enclosure  Encapsulation   
 Operation and Maintenance Only

8. Date for Implementation Continue

9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.

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TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	New Milford High School, 25 Sunny Valley Road	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Through out School
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
Other (specify) Floor tile
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
- Amount of ACM: 67,245 sq. ft.
- Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
Physical Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None

Additional Comments (provide description) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to March 1990 AMP.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOWN/REGION NAME	FACILITY NAME AND ADDRESS	DATE OF AMP UPDATE
New Milford	Hill and Plain Elementary, 60 Old Town Park Rd.	10/8/92

General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Through out Building Exterior
2. Type of ACM: Sprayed-on  Troweled-on  Boiler Lagging   
Pipe Insulation  Duct  Breeching  Tank   
Other (specify) Soffit Panels

3. ACM Previously Identified  ACM Newly Identified  Basis S  A

4. Amount of ACM: 4,400 sq. ft.

5. Friability: High  Moderate  Low  Non-friable

6. Condition:  
Water Damage High  Moderate  Low  None   
Physical Damage High  Moderate  Low  None

Additional Comments (provide description) 1 panel is warped due to water damage.

7. Abatement/Remediation Method (Response Action)  
Removal  Enclosure  Encapsulation   
Operation and Maintenance Only

8. Date for Implementation Continue

9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to April 1990 AMP.

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Hilland Plain Elementary, 60 OLD TOWN PARK Rd.</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

- Asbestos Containing Area: Pipe tunnels
- Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
Pipe Insulation\_\_\_ Duct\_\_\_ Breaching\_\_\_ Tank\_\_\_  
Other (specify) Elbow/fitting Cement
- ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A
- Amount of ACM: 300 elbows sq. ft.
- Friability: High\_\_\_ Moderate  Low\_\_\_ Non-friable\_\_\_
- Condition:  
Water Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_  
Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) Three (3) elbows damaged, limit access to tunnels, when feasible remove material.

- Abatement/Remediation Method (Response Action)  
Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
Operation and Maintenance Only
- Date for Implementation Continue
- Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to April 1990 AMP.  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Hill and Plain, 60 Old Town Park Road</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

In an area containing more than one type of ACM, a separate Schedule A must be provided for each material. Please number the pages of each Schedule A being submitted in the upper right hand corner.

1. Asbestos Containing Area: Throughout Building.

2. Type of ACM: Sprayed-on\_\_\_ Troweled-on\_\_\_ Boiler Lagging\_\_\_  
 Pipe Insulation\_\_\_ Duct\_\_\_ Breeching\_\_\_ Tank\_\_\_  
 Other (specify) Floor tile.

3. ACM Previously Identified  ACM Newly Identified\_\_\_ Basis S\_\_\_ A

4. Amount of ACM: 33,445 sq. ft.

5. Friability: High\_\_\_ Moderate\_\_\_ Low\_\_\_ Non-friable

6. Condition:  
 Water Damage High\_\_\_ Moderate\_\_\_ Low\_\_\_ None   
 Physical Damage High\_\_\_ Moderate\_\_\_ Low  None\_\_\_

Additional Comments (provide description) Most areas have been covered with new 12x12 VCT. Classroom 9x9 VAT

7. Abatement/Remediation Method (Response Action)  
 Removal\_\_\_ Enclosure\_\_\_ Encapsulation\_\_\_  
 Operation and Maintenance Only

8. Date for Implementation Continue

9. Rationale for Abatement/Remediation Method (Response Action) selected:  
Refer to April 1990 AMP.

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Hill and Plain Elementary, 60 Old Town Park Rd.</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

Please number the pages of each Schedule B being submitted in the upper right hand corner.

1. Asbestos Containing Area Through out Building.

2. Material(s)

Type <u>AC Pipe Fittings</u>	Amount <u>70 elbows.</u>
Type <u>AC Floor tile and mastic</u>	Amount <u>160 Sq. ft.</u>
Type <u>Transite Panels</u>	Amount <u>144 Sq. ft.</u>
Type _____	Amount _____
Type _____	Amount _____
Type _____	Amount _____

3. Name and Address of Abatement Contractor

National Abatement Services, Inc.  
150 Recreation Park Drive  
Hingham, MA 02043

4. Name and Address of School District Project Coordinator

Dr. STEPHEN C. TRACY - SUPERINTENDENT  
50 EAST STREET  
NEW MILFORD, CT 06776

5. Name and Address of Air Sampling Professional

Enviro Science Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

6. Air Sampling Clearance Results

Attached  No Clearance Air Samples Collected \_\_\_\_\_

7. Date of Project Start April 9, 1992

8. Date of Project Completion April 16, 1992

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ASBESTOS ABATEMENT PROJECT MONITORING  
NEW MILFORD PUBLIC SCHOOLS  
HILL & PLAIN ELEMENTARY SCHOOL  
60 OLD TOWN PARK ROAD  
NEW MILFORD CT 06776

INTRODUCTION:

EnviroScience Consultants, Inc., (ESC), was retained to provide asbestos abatement project monitoring services at the Hill and Plain Elementary School. Asbestos abatement was necessary due to renovation work in conjunction with renovations associated with the code violation and energy conservation projects.

Project specifications and bid documents were prepared by ESC. The Construction Management firm retained by the Town of New Milford was O & G Industries. The asbestos abatement contractor was National Abatement Services of Hingham, Massachusetts.

Prior to the commencement of abatement activities, preabatement air samples were collected by ESC. Preabatement samples establish the ambient, or existing, airborne fiber concentrations prior to the start of any abatement actions. Upon commencement of abatement activities, background air samples were collected. These background samples were collected at various locations such as the entrance to the worker decontamination facility, outside critical barriers, and at the negative air exhaust. These samples were collected and analyzed in order to monitor the air quality outside the containment during the abatement process. Comparisons were then made between preabatement samples and background samples. This was done in order to assess the air quality at the work site during the abatement project. Following the completion of final cleaning and encapsulation of the work area, aggressive final air clearance sampling was performed inside the work area to comply with state and federal regulatory requirements.

In addition to air sampling, ESC's Environmental Consultants James Gallagher, Ray Freuden and Peter Shannon performed job site inspections. Prior to the beginning of removal activities, a precommencement inspection was conducted. This was to document that work area preparations were performed in accordance with the written technical specifications. During removal activities, progress inspections were conducted inside the work area to assess work progress and work procedures for adherence to contract specifications. Presealant inspections were also conducted to verify that the work area met the non-visible dust criteria prior to conducting final air clearance. A post-teardown inspection was also performed to ensure that all ACM was removed.

SCOPE OF WORK:

The scope of the abatement work included the removal and disposal of ACM as follows:

<u>LOCATION</u>	<u>TYPE OF ACM</u>	<u>QUANTITY REMOVED</u>
Main Hallway	Viny asbestos floor tile & mastic	100 SF
West Wing Classroom #	Vinyl asbestos floor tile & mastic	60 SF
Tunnel below west wing	Mud pack fittings	70 fittings
Exterior of building	Transite Panels	144 SF

DISCUSSION:

All specified work was performed during the 1992 spring vacation period between April 10 and April 18, 1992.

During the course of the removal project a specific schedule was established in order to accomodate additional work which was also to be performed during the spring vacation period. Work was sequentially performed to accomodate installation of new heating piping in the west wing crawlspace, a sanitary pipe in the main hallway, and the tie-in of the new concrete slab adjacent to the west wing classrooms. The transite panels were scheduled for removal because they were damaged.

CONCLUSION:

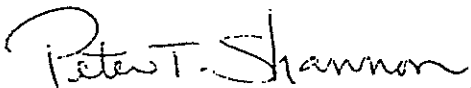
All work was performed within the scheduled time frames with no delays incurred by the other trades on-site. The only exception was the exterior transite panels. Upon inspection of the suffit areas, only four damaged tiles were identified and hence, removed. The additional files will be addressed as to the base contract. All work areas passed pre-sealant visual inspections prior to work area encapsulation by the contractor. Following encapsulation, aggressive final air clearance sampling was conducted in accordance with the requirements of the State of Connecticut Department of Health Services air clearance criteria.

All work was performed within the allotted time frame. There were no delays caused by, or incurred by, the asbestos abatement contractor.

Phase Contrast Microscopy (PCM) air samples were analyzed by a trained project monitor listed on the Asbestos Analyst's Registry maintained by the American Industrial Hygiene Association.

Transmission Electron Microscopy (TEM) analyses were performed by Electron Microscopy Services Laboratories, Inc., a Connecticut-certified laboratory. Laboratory results are attached.

Report prepared by:

  
Peter T. Shannon  
Environmental Consultant

Reviewed by:

  
Raymond J. Folino  
Project Manager

91-0126E:PC9  
PTS/kvb



DAILY MONITORING DATA

GENERAL:

DATE: 4-15-92  
 TECHNICIAN: Peter Shannon AAR #: 2548  
 BUILDING: Hill and Plain Elementary School  
 AREA: CLASSROOM AREA

TECHNICAL:

LOCATION OF OPERATION: classroom

	<u>INSPECTIONS PERFORMED</u>	<u>AREA</u>	<u>TIME</u>
1.	<u>FINAL VISUAL INSPECTION</u>	<u>CLASSROOM</u>	<u>Pm</u>
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

	<u>SAMPLE #</u>	<u>LOCATION</u>	<u>ACTIVITY</u>	<u>RESULTS f/cc</u>
1.	<u>4-15-PS-01</u>	<u>AT NEGATIVE AIR EXHAUST</u>	<u>During Removal</u>	<u>0.008</u>
2.	<u>4-15-PS-02</u>	<u>ADJACENT TO CLASSROOM</u>	<u>During Removal</u>	<u>0.005</u>
3.	<u>4-15-PS-14</u>	<u>INSIDE CONTAINMENT</u>	<u>FINAL Air Clearance</u>	<u>0.005</u>
4.	<u>4-15-PS-15</u>	<u>INSIDE CONTAINMENT</u>	<u>FINAL Air Clearance</u>	<u>&lt; 0.005</u>
5.	<u>4-15-PS-16</u>	<u>INSIDE CONTAINMENT</u>	<u>FINAL Air Clearance</u>	<u>0.006</u>
6.	<u>4-15-PS-17</u>	<u>INSIDE CONTAINMENT</u>	<u>FINAL Air clearance</u>	<u>&lt; 0.005</u>
7.	<u>4-15-PS-18</u>	<u>INSIDE CONTAINMENT</u>	<u>FINAL Air clearance</u>	<u>0.005</u>
8.	<u>4-15-PS-19</u>	<u>AT ENTRANCE TO PIPE TUNNEL</u>	<u>SET UP</u>	<u>0.014</u>
9.	<u>4-15-PS-20</u>	<u>BLANK</u>	_____	<u>1.27 f/mm<sup>2</sup></u>
10.	_____	_____	_____	_____



4-16-92

COMMENTS: 0800-ESC's Pete Shannon arrived on site.

Prep work is continuing in the Pipe Tunnel.

0930- TEAR DOWN OF CONTAINMENT completed in the classroom.

1100-1200 ESC's Pete Shannon conducts pre-commencement visual inspections. Contractor allowed to start removal following spot repair of penetrations

1130 ESC's Peter Shannon informed contractor (NATIONAL Abatement Services) of passing of FINAL clearance for SOUTH Wing/LOCKERROOM AREA at PETTIBONE School

ONLY 4 workers on site representing NATIONAL Abatement Services.

1300- ESC's Pete Shannon entered containment (Pipe Tunnel) to perform FINAL Visual Inspection. SPOT AREAS required re-deaning, work area encapsulated. At 1530 FINAL Air Clearance SAMPLES PASSED. CONTRACTOR allowed to TEAR DOWN CONTAINMENT.

TOWN/REGION NAME <u>New Milford</u>	FACILITY NAME AND ADDRESS <u>Hill and Plain Elementary, 60 Old Town Park Rd.</u>	DATE OF AMP UPDATE <u>10/8/92</u>
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General Instructions

Provide the name of the school district where the facility is located as well as the name and address of the facility. Also indicate the date on which the AMP Update is submitted.

Please number the pages of each Schedule B being submitted in the upper right hand corner.

1. Asbestos Containing Area Through out School

2. Material(s)

Type <u>AC Pipe fittings</u>	Amount <u>60 elbows</u>
Type <u>AC Floor tile and Mastic</u>	Amount <u>1500 Sq. ft.</u>
Type _____	Amount _____
Type _____	Amount _____
Type _____	Amount _____

3. Name and Address of Abatement Contractor

National Abatement Services, Inc.  
150 Recreation Park Drive  
Hingham, MA 02043

4. Name and Address of School District Project Coordinator

Dr. Stephen C. Tracy - Superintendent  
50 East Street  
New Milford, CT 06776

5. Name and Address of Air Sampling Professional

Enviro Science Consultants, Inc.  
252 Hartford Avenue  
Newington, CT 06111

6. Air Sampling Clearance Results

Attached  No Clearance Air Samples Collected \_\_\_\_\_

7. Date of Project Start June 20, 1992

8. Date of Project Completion August 17, 1992

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## ASBESTOS ABATEMENT PROJECT MONITORING

Hill & Plain Elementary School  
60 Old Town Park Road  
New Milford, Connecticut

### INTRODUCTION:

EnviroScience Consultants, Inc., (ESC), was retained to provide asbestos abatement project monitoring services at the Hill & Plain Elementary School. Asbestos abatement was necessary due to demolition.

The project required EnviroScience Consultants and National Abatement Services to provide abatement and monitoring services on an as-needed basis. As demolition progressed through the building, any asbestos-containing material (ACM) discovered was promptly addressed to expedite the renovation process. The bulk of work consisted of vinyl-asbestos floor tile (VAT) removal necessitated by the General Contractor's construction needs.

In addition to air sampling, ESC's Environmental Technicians James Gallagher, Peter Folino, James Ciaglo, Robert Quinn, Jason Krantz and Ray Freuden performed job site inspections. Prior to the beginning of removal activities, a precommencement inspection was conducted. This was to document that work area preparations were performed in accordance with the verbal specifications. During removal activities, progress inspections were conducted inside the work area to assess work progress and work procedures. Presealant inspections were also conducted to verify that the work area met the non-visible dust criteria prior to conducting final air clearance. A post-teardown inspection was also performed to ensure that all ACM was removed.

SCOPE OF WORK:

The scope of the abatement work included the removal and disposal of the ACM listed for each of the following locations:

<u>LOCATION</u>	<u>ACM REMOVED</u>
1. Numerous small work areas where renovations required the removal of existing VAT and associated mastic.	All < 160 sq. ft.
2. Spot repairs when ACM was revealed during the course of scheduled demolition. Usually consisted of three to four suspect elbows and/or fittings.	All < 3 sq. ft.

DISCUSSION:

Due to the numerous trades present on site, as well as heavy demolition and construction activities, the background dust levels were extremely high prior to commencing with any removal work. In addition, the General Contractor's constricted time schedule prohibited the hold up of any demolition or tradeswork to aid in decreasing background dust levels. Therefore, due to the non-friability of the VAT being removed (negligible fiber release within a small containment under heavy negative air pressure), it was deemed necessary only to run final air clearance samples, analyzed on site by PCM analysis. Quantities of ACM removed that were not in excess of 3 linear feet or 3 square feet were treated as spot repairs, and final clearance samples were not required as per EPA, AHERA and State of Connecticut Department of Health Services regulations.

CONCLUSION:

All work areas passed pre-sealant visual inspections prior to work area encapsulation by the contractor. Following encapsulation, aggressive final air clearance sampling was conducted in accordance with the requirements of the State of Connecticut Department of Health Services air clearance criteria.

All work was performed within the allotted time frame. There were no delays caused by, or incurred by, the asbestos abatement contractor.

Phase Contrast Microscopy (PCM) air samples were analyzed by a trained project monitor listed on the Asbestos Analyst's Registry maintained by the American Industrial Hygiene Association.

Report prepared by:

Reviewed by:

\_\_\_\_\_  
James Gallagher  
Environmental Consultant

\_\_\_\_\_  
Raymond R. Folino  
Project Designer

910126C:PC6

DAILY MONITORING DATADATE: 06-20-92 ESC PROJ # 91-0126TECHNICIAN: P. FOLINO / J. GALLAGHER AAR #: \_\_\_\_\_BUILDING: HILL AND PLAIN SchoolAREA: ENTRANCE TO ROOM AREA #1 / Room 23 AREA #2

<u>INSPECTIONS* (PC, PR, PS, TD)</u>	<u>WORK AREA</u>	<u>TIME</u>
1. <u>PC</u>	<u>AREA #1</u>	<u>3:00</u>
2. <u>PC</u>	<u>AREA #2 &amp; #3</u>	<u>3:05</u>
3. <u>PS</u>	<u>AREA #1</u>	<u>5:00</u>
4. <u>PS</u>	<u>AREA #2</u>	<u>5:05</u>
5. <u>PS</u>	<u>AREA #3</u>	<u>6:45</u>

<u>SAMPLE #</u>	<u>LOCATION**</u>	<u>ACTIVITY***</u>	<u>RESULTS (f/cc)</u>
1. <u>G-20-PF-01</u>	<u>AREA #2</u>	<u>FAC</u>	<u>.007</u>
2. <u>02</u>	↓		<u>&lt;.005</u>
3. <u>03</u>		<u>&lt;.005</u>	
4. <u>04</u>		<u>&lt;.005</u>	
5. <u>05</u>		<u>.006</u>	
6. <u>G-20-PF-06</u>		<u>AREA #3</u>	<u>&lt;.005</u>
7. <u>07</u>	↓		<u>.008</u>
8. <u>08</u>		<u>&lt;.005</u>	
9. <u>09</u>		<u>&lt;.005</u>	
10. <u>10</u>		<u>&lt;.005</u>	

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
During Removal; FC = Final Cleaning; FAC = Final Air Clearance



DAILY MONITORING DATA

DATE: 6-21-92 ESC PROJ # 91-0136  
 TECHNICIAN: PETE FOLINO AAR #: \_\_\_\_\_

BUILDING: HILL & PLAIN SCHOOL

AREA: AREA #4 ROOM 20 + HALL / AREA #5 CAFETERIA

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC</u>	<u>AREA #4</u>	<u>1600</u>
2. <u>PC</u>	<u>AREA #5</u>	<u>1610</u>
3. <u>PS</u>	<u>AREA #4</u>	<u>1745</u>
4. <u>PS</u>	<u>AREA #5</u>	<u>1755</u>
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-21-PF-01</u>	<u>AREA #3</u>	<u>FAC</u>	<u>0.005</u>
2. <u>-02</u>			<u>&lt;0.005</u>
3. <u>-03</u>			<u>&lt;0.005</u>
4. <u>-04</u>			<u>&lt;0.005</u>
5. <u>✓ -05</u>	<u>✓</u>		<u>&lt;0.005</u>
6. <u>6-21-PF-06</u>	<u>AREA #4</u>		<u>0.005</u>
7. <u>-07</u>			<u>0.008</u>
8. <u>-08</u>			<u>0.009</u>
9. <u>-09</u>			<u>0.006</u>
10. <u>✓ -10</u>	<u>✓</u>	<u>✓</u>	<u>0.005</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-21-92 ESC PROJ # 91-0136  
 TECHNICIAN: PETE FOUNTS AAR #: \_\_\_\_\_  
 BUILDING: HILL & PLAIN SCHOOL  
 AREA: AS PREVIOUS

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>SEE P. 1</u>	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-21-PF-11</u>	<u>AREA #5</u>	<u>FAC</u>	<u>&lt;0.005</u>
2. <u>↓ -12</u>	<u>↓</u>	<u>↓</u>	<u>&lt;0.005</u>
3. <u>↓ -13</u>	<u>↓</u>	<u>↓</u>	<u>0.004</u>
4. <u>↓ -14</u>	<u>↓</u>	<u>↓</u>	<u>&lt;0.005</u>
5. <u>↓ -15</u>	<u>↓</u>	<u>↓</u>	<u>&lt;0.005</u>
6. <u>6-21-PF-16</u>	<u>BLANK</u>	<u>↓</u>	<u>3 f3/100 f6s</u>
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-23-92 ESC PROJ # 91-0126 E  
 TECHNICIAN: GALLAGHER AAR #: 1980  
 BUILDING: HILL & PLAIN ELEMENTARY  
 AREA: NUMEROUS

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC</u>	<u>#3 11 &amp; 12</u>	<u>1300</u>
2. <u>PS</u>	<u>" "</u>	<u>1530</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-23-JG-01</u>	<u>Work Area #10</u>	<u>FAC</u>	<u>0.0056</u>
2. <u>-02</u>			<u>0.0082</u>
3. <u>-03</u>			<u>0.0084</u>
4. <u>-04</u>			<u>0.0049</u>
5. <u>-05</u>			<u>0.0065</u>
6. <u>-06</u>	<u>Work Area #8</u>		<u>&lt;0.0042</u>
7. <u>-07</u>			<u>0.0056</u>
8. <u>-08</u>			<u>&lt;0.0037</u>
9. <u>-09</u>			<u>0.0043</u>
10. <u>~10</u>			<u>&lt;0.0038</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-23-92 ESC PROJ # 91-0126  
 TECHNICIAN: GALLAGHER AAR #: 1980

BUILDING: HILL & PLAIN ELEMENTARY

AREA: NUMEROUS

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1.		
2.		
3.		
4.		
5.		

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-23-JG-11</u>	<u>Work Area #6</u>	<u>FAC</u>	<u>0.0080</u>
2. <u>-12</u>			<u>0.0085</u>
3. <u>-13</u>			<u>0.0091</u>
4. <u>-14</u>			<u>0.0075</u>
5. <u>-15</u>			<u>0.0085</u>
6. <u>-16</u>	<u>Work Area #7</u>		<u>0.0085</u>
7. <u>-17</u>			<u>0.0067</u>
8. <u>-18</u>			<u>0.0059</u>
9. <u>-19</u>			<u>0.0083</u>
10. <u>✓ -20</u>			<u>0.0083</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-23-92 ESC PROJ # 91-0126  
 TECHNICIAN: GALLAGHER AAR #: 1980

BUILDING: HILL & PLAIN ELEMENTARY

AREA: NUMEROUS

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1.		
2.		
3.		
4.		
5.		

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-23-J6-21</u>	<u>Work Area #9</u>	<u>FAC</u>	<u>&lt;0.0039</u>
2. <u>-22</u>			<u>&lt;0.0049</u>
3. <u>-23</u>			<u>&lt;0.0036</u>
4. <u>-24</u>			<u>0.0032</u>
5. <u>-25</u>			<u>&lt;0.0031</u>
6. <u>-26</u>	<u>BLANK</u>		<u>0 f/b/100 flds</u>
7. <u>-27</u>	<u>BLANK</u>		<u>1.5 f/b/100 flds</u>
8. <u>✓ -28</u>	<u>BLANK</u>		<u>0 f/b/100 flds</u>
9.			
10.			

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-24-92. ESC PROJ # 91-0126E  
 TECHNICIAN: Ji. Ciaglo AAR #: \_\_\_\_\_

BUILDING: Hill & Plain Elementary

AREA: Kitchen areas #'s 11 & 12.

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>N/A PS</u>	<u># 13</u>	<u>1335</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-24-JC-01</u>	<u>Kitchen W.A. #11</u>	<u>FAC</u>	<u>&lt;0.0044</u>
2. <u>-02</u>			<u>&lt;0.0044</u>
3. <u>-03</u>			<u>&lt;0.0045</u>
4. <u>-04</u>			<u>0.0052</u>
5. <u>-05</u>			<u>0.0050</u>
6. <u>-06</u>	<u>Kitchen W.A. #12</u>		<u>&lt;0.0047</u>
7. <u>-07</u>			<u>0.0059</u>
8. <u>-08</u>			<u>&lt;0.0047</u>
9. <u>-09</u>			<u>&lt;0.0046</u>
10. <u>-10</u>			<u>&lt;0.0047</u>
11. <u>-11</u>	<u>Blank</u>		<u>37/100 fids</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-25-92 ESC PROJ # 91-0126E  
 TECHNICIAN: GALLAGHER AAR #: 1980

BUILDING: Hill & Plain Elementary

AREA: Work Areas #13 & #14

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC</u>	<u>#s 14 &amp; 15</u>	<u>1200</u>
2. <u>PS</u>	<u># 14</u>	<u>~1430</u>
3. <u>PS</u>	<u># 15</u>	<u>~1500</u>
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-25-JG-01</u>	<u>Work Area #13</u>	<u>FAC</u>	<u>0.0059</u>
2. <u>-02</u>			<u>&lt;0.0042</u>
3. <u>-03</u>			<u>&lt;0.0042</u>
4. <u>-04</u>			<u>&lt;0.0036</u>
5. <u>-05</u>			<u>0.0083</u>
6. <u>-06</u>	<u>Nurses Office</u>	<u>PA</u>	<u>VOID</u>
7. <u>-07</u>	<u>BLANK</u>	<u>N/A</u>	<u>1 f/s/100 f/ds</u>
8. <u>-08</u>	<u>BLANK</u>	<u>N/A</u>	<u>5 f/s/100 f/ds</u>
9. _____	_____	_____	_____
10. _____	_____	_____	_____

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\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 6-26-92 ESC PROJ # 91-0126E  
 TECHNICIAN: GALLAGHER AAR #: 1980

BUILDING: Hill & Plain Elementary

AREA: \_\_\_\_\_

<u>INSPECTIONS* (PC, PR, PS, TD)</u>	<u>WORK AREA</u>	<u>TIME</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

<u>SAMPLE #</u>	<u>LOCATION**</u>	<u>ACTIVITY***</u>	<u>RESULTS (f/cc)</u>
1. <u>6-26-JG-01</u>	<u>Work Area #14</u>	<u>FAC</u>	<u>&lt;0.0041</u>
2. <u>-02</u>			<u>0.0062</u>
3. <u>-03</u>			<u>0.0047</u>
4. <u>-04</u>			<u>&lt;0.0037</u>
5. <u>-05</u>	∨	∨	<u>&lt;0.0047</u>
6. <u>-06</u>	<u>Work Area #15</u>	<u>FAC</u>	<u>&lt;0.0031</u>
7. <u>-07</u>			<u>&lt;0.0047</u>
8. <u>-08</u>			<u>0.0041</u>
9. <u>-09</u>			<u>&lt;0.0035</u>
10. <u>-10</u>	∨	∨	<u>0.0030</u>

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 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

6-26-JG -11 Blank N/A 1 fb / 100 fids  
6-26-JG -12 Blank N/A 0 fb / 100 fids



DAILY MONITORING DATA

DATE: 6-29-92 ESC PROJ # 91-0136  
 TECHNICIAN: J. GALLAGHER AAR #: 1980

BUILDING: HILL & PLAIN SCHOOL

AREA: \_\_\_\_\_

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC</u>	<u>#16</u>	<u>1100</u>
2. <u>PS</u>	<u>#16</u>	<u>1230</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>6-29-JG-01</u>	<u>WORK AREA #16</u>	<u>FAC</u>	<u>&lt;0.0047</u>
2. <u>-02</u>	↓	↓	<u>0.0047</u>
3. <u>-03</u>	↓	↓	<u>0.0069</u>
4. <u>-04</u>	↓	↓	<u>0.0055</u>
5. <u>-05</u>	↓	↓	<u>0.0075</u>
6. <u>-06</u>	↓	↓	<u>2 fibers/100 fids</u>
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-1-92 ESC PROJ # 91-0134  
 TECHNICIAN: J. GALLAGHER AAR #: 1980  
 BUILDING: HILL & PLAIN SCHOOL  
 AREA: AREAS # 18-21

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. PS	# 18	1030
2. PC	# 19	1206
3. PS	# 19	1400
4. PC	#s 20 & 21	1445
5. PS	<del># 20</del> # 21	1550

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. 7-1-J6-01	AREA #17	FAC	0.0042
2. -02	↓	↓	0.0040
3. -03	↓	↓	0.0069
4. -04	↓	↓	0.0034
5. -05	↓	↓	0.0054
6. -06	AREA #18	↓	<0.0038
7. -07	↓	↓	<0.0039
8. -08	↓	↓	0.0049
9. -09	↓	↓	0.0043
10. ↓ -10	↓	↓	0.0045
11. -11	BLANK		0 fibers/100 fids

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-2-92. ESC PROJ # 91-0136  
 TECHNICIAN: J. GALLAGHER AAR #: 1980

BUILDING: HILL & PLAIN SCHOOL

AREA: AREAS #21 & 20

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PS</u>	<u>#20</u>	<u>1030</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-Z-JG-01</u>	<u>AREA #19</u>	<u>FAC</u>	<u>0.0055</u>
2. <u>-02</u>			<u>&lt;0.0032</u>
3. <u>-03</u>			<u>0.0058</u>
4. <u>-04</u>			<u>&lt;0.0033</u>
5. <u>-05</u>			<u>&lt;0.0039</u>
6. <u>-06</u>	<u>AREA #21</u>		<u>0.0070</u>
7. <u>-07</u>			<u>0.0047</u>
8. <u>-08</u>			<u>0.0040</u>
9. <u>-09</u>			<u>&lt;0.0039</u>
10. <u>-10</u>			<u>0.0049</u>
11. <u>-11</u>			<u>115 fibers/100 fids</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-7-92, ESC PROJ # 91-0126E  
 TECHNICIAN: Robert Quinn AAR #: \_\_\_\_\_

BUILDING: HILL & PLAIN ELEMENTARY

AREA: \_\_\_\_\_

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <del>NAE</del> PC	Area #23	1400
2. PS	" "	1530
3.		
4.		
5.		

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. 7-7-RQ-01	WORK AREA #20	FAC	<0.0040
2. -02	↓	↓	<0.0042
3. -03	↓	↓	<0.0031
4. -04	↓	↓	<0.0037
5. -05	↓	↓	0.0041
6. -06	WORK AREA #22	↓	0.0044
7. -07	↓	↓	0.0058
8. -08	↓	↓	0.0039
9. -09	↓	↓	0.0041
10. -10	↓	↓	0.0041
11. ↓ -11	BLANK	↓	2 fibers/100 fields

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-8-92 ESC PROJ # 91-0126E  
 TECHNICIAN: Jason Krantz, J. Gallagher AAR #: 1980  
 BUILDING: HILL & PLAIN ELEMENTARY  
 AREA: \_\_\_\_\_

<u>INSPECTIONS* (PC, PR, PS, TD)</u>	<u>WORK AREA</u>	<u>TIME</u>
1. <u>PC</u>	<u>Area # 24</u>	<u>1800</u>
2. <u>PS</u>	<u>Area #24</u>	<u>1435</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

<u>SAMPLE #</u>	<u>LOCATION**</u>	<u>ACTIVITY***</u>	<u>RESULTS (f/cc)</u>
1. <u>7-8-JK-01</u>	<u>AREA # 23</u>	<u>FAC</u>	<u>0.0072</u>
2. <u>-02</u>			<u>0.0066</u>
3. <u>-03</u>			<u>0.0065</u>
4. <u>-04</u>			<u>0.0061</u>
5. <u>-05</u>			<u>0.0082</u>
6. <u>-06</u>	<u>AREA # 24</u>		<u>0.0048</u>
7. <u>-07</u>			<u>0.0048</u>
8. <u>-08</u>			<u>0.0038</u>
9. <u>-09</u>			<u>0.0053</u>
10. <u>-10</u>			<u>0.0060</u>
11. <u>-11</u>	<u>N/A - BLANK</u>		<u>1 fiber/100 flds</u>

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 7-14-92, ESC PROJ # 91-0126E  
 TECHNICIAN: Robert Quinn AAR #: \_\_\_\_\_

BUILDING: HILL & PLAIN ELEMENTARY

AREA: \_\_\_\_\_

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PC</u>	<u># 25</u>	<u>1000</u>
2. <u>PS</u>	<u># 25</u>	<u>1200</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>7-14-RQ-01</u>	<u>work area #25</u>	<u>FAC</u>	_____
2. <u>-02</u>	↓	↓	_____
3. <u>-03</u>	↓	↓	_____
4. <u>-04</u>	↓	↓	_____
5. <u>-05</u>	↓	↓	_____
6. <u>↓ -06</u>	<u>BLANK</u>	↓	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 8-14-92 ESC PROJ # \_\_\_\_\_  
 TECHNICIAN: Paul J. Hunt AAR #: 3481  
 BUILDING: HILL + PLAIN ELEMENTARY SCHOOL  
 AREA: CAFETERIA

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>8-14-DJA-01</u>	<u>CAFETERIA</u>	<u>FAC</u>	<u>OVERLOADED</u>
2. <u>-02</u>	<u>"</u>	<u> </u>	<u> </u>
3. <u>-03</u>	<u>"</u>	<u> </u>	<u> </u>
4. <u>-04</u>	<u>"</u>	<u> </u>	<u> </u>
5. <u>-05</u>	<u>"</u>	<u>↓</u>	<u>↓</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

\*Inspection Key: PC = Pre-commencement; PR = Progress;  
 PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB =  
 Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR =  
 During Removal; FC = Final Cleaning; FAC = Final Air Clearance

DAILY MONITORING DATA

DATE: 8-17-92 ESC PROJ # 91-0126E  
 TECHNICIAN: Jim Cigalo AAR #: 3329  
 BUILDING: Hill+Plain Elementary  
 AREA: Cafeteria / Hall

INSPECTIONS* (PC, PR, PS, TD)	WORK AREA	TIME
1. <u>PS</u>	<u>Hall Glovebag</u>	<u>1000</u>
2. <u>PS</u>	↓	<u>1010</u>
3. <u>TD</u>	↓	<u>1015</u>
4. <u>TD</u>	<u>Cafeteria</u>	<u>1235</u>
5.		

SAMPLE #	LOCATION**	ACTIVITY***	RESULTS (f/cc)
1. <u>08-17-HP-B1k</u>	<u>after abatement, left side</u>	<u>Field Blank</u>	<u>2.55 f/mm<sup>2</sup></u>
2. <u>-01</u>	<u>Cafe. contain. left side</u>	<u>FAC</u>	<u>0.008 f/cc</u>
3. <u>-02</u>	<u>Cafe. contain. left center</u>	↓	<u>0.007</u>
4. <u>-03</u>	<u>Cafe. contain. center</u>	↓	<u>0.007</u>
5. <u>-04</u>	<u>Cafe. contain. rt. center</u>	↓	<u>0.005</u>
6. <u>-05</u>	<u>Cafe. contain. right side</u>	↓	<u>0.007</u>
7.			
8.			
9.			
10.			

\*Inspection Key: PC = Pre-commencement; PR = Progress; PS = Pre-sealant; TD = Teardown

\*\*Location Key: NAE = Negative Air Exhaust; DECON; OCB = Outside Critical Barrier

\*\*\*Activity Key: PA = Pre-abatement; SU = Prep Setup; DR = During Removal; FC = Final Cleaning; FAC = Final Air Clearance