TILFORD W. MILLER ELEMENTARY SCHOOL

TOWN of WILTON
WILTON PUBLIC SCHOOLS

217 WOLFPIT ROAD
WILTON, CONNECTICUT 06897

THREE-YEAR RE-INSPECTION AND ASBESTOS MANAGEMENT PLAN UPDATE

JANUARY 2012

PREPARED FOR:

TOWN OF WILTON
WILTON PUBLIC SCHOOLS
238 DANBURY ROAD
WILTON, CT 06897

PREPARED BY:

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ATC PROJECT NO. 61.38954.0009

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CERTIFICATION

This report has been prepared for the exclusive use of the Town of Wilton and is considered privileged and confidential. Photocopying of this document by parties other than those designated by the Town of Wilton, or use of this document for purposes other than it is intended, is prohibited.

Respectfully, submitted this 26th day of January, 2012.

ATC Associates Inc.

Scott J. Johnson
Project Manager
Asbestos Inspector/Management Planner #000297

ASBESTOS INSPECTION AND MANAGEMENT PLAN UPDATE

CLIENT:	Wilton Public School
SCHOOL:	Miller Elementary School 217 Wolfpit Road Wilton, CT 06897
DATE OF INITIAL INSPECTION	August, 1991
DATE OF RE-INSPECTION:	December 27, 2011
ASBESTOS INSPECTOR	Steven Douglas
STATE OF CONNECTICUT LICENSE NO.	000287
SIGNATURE	
MANAGEMENT PLANNER	Scott J. Johnson
STATE OF CONNECTICUT LICENSE NO:	000297
SIGNATURE:	

1. SUMMARY INFORMATION

This re-inspection and management plan update was prepared in accordance with requirements of EPA AHERA[1] regulations under 40 CFR 763[2] and Connecticut Asbestos-In-Schools regulations under RCSA 19a-333-1 through 19a-333-13[3]. This report is to serve as an update to the Asbestos Management Plan (AMP) for this school facility.

The report contains:

1. Re-inspection of known and assumed asbestos-containing building materials (ACBM).
2. Assessment of known and assumed ACBM
3. Specific recommendations for managing the ACBM

This AMP applies *only* to this school.

Name and Address of School Building

School Name:	Miller Elementary School
Address:	217 Wolfpit Road Wilton, Connecticut 06897
Designated Person:	Tim Corcoran Wilton Public Schools 395 Danbury Road Wilton, CT 06897 (203) 762-3381

Schedule Summary

In accordance with 40 CFR 763.85 and RCSA 19a-333-3, this school facility is to be re-inspected every three years by accredited personnel. The next re-inspection is to be completed by December 2014.

In accordance with 40 CFR 763.92 and RCSA 19a-333-9(b), the LEA is to conduct periodic surveillance in this school facility every six months after the original AMP is in effect. This re-inspection will take the place of one round of periodic surveillance.

1. Environmental Protection Agency's (EPA) Asbestos Hazard Emergency Response Act (AHERA) and Asbestos-In-School Hazard Reauthorization Act (ASHARA).
2. Toxic Substances Control Act, Title 40 of the Code of Federal Regulations, Part 763, Subpart E
3. Regulations of Connecticut State Agencies

2. INTRODUCTION

Types and Uses of Asbestos

Asbestos is a naturally occurring fibrous mineral. It differs from other minerals in its crystal development. The crystal formation of asbestos is in the form of long thin fibers. Three of the most common types are chrysotile, amosite, and crocidolite. The three least common types of asbestos are tremolite, actinolite and anthophyllite. Unlike most minerals, asbestos breaks up into fine, light fibers invisible to the naked eye.

Asbestos became a popular commercial product to manufacturers and builders in the early 1900's to the 1970's. Asbestos is durable, fire retardant, resists corrosion, and insulates well. It is estimated that 3,000 different types of commercial products contain some amount of asbestos. The use of asbestos ranges from paper products and brake linings to floor tiles and insulation. Some uses of asbestos are as follows:

Acoustical Plaster
Asphalt Floor Tile
Blown-In Insulation
Ceiling Tiles and Lay in Panels
Cement Pipes
Cement Siding
Cement Wallboard
Construction Mastics (floor tiles, carpet, ceiling tiles, etc.)
Decorative Plaster
Elevator Equipment Panels
Fire Blankets
Fire Curtains
Fireproofing Materials
Flooring Backing
High Temperature Gaskets
Laboratory Gloves
Laboratory Hoods/Table Tops
Packing Materials (for wall/floor penetrations)
Spray-Applied Insulation
Taping Compounds
Textured Paints/Coatings
Vinyl Floor Tile
Electrical Panel Partitions
Breaching Insulation
Roofing Felt
Chalkboards
Elevator Brake Shoes
Boiler Insulation
HVAC Duct Insulation
Heating and Electrical Ducts
Electrical Cloth
Spackling Compound
Joint Compounds
Vinyl Wall Coverings
Base Flashing
Pipe Insulation
Caulking/Putties
Wallboard
Adhesives
Fire Doors
Roofing Shingles
Thermal Paper Products
Electric Wiring Insulation
Ductwork Flexible Fabric Connections

Friable vs. Non-Friable

Intact and undisturbed asbestos-containing material (ACM) does not pose a health risk. Asbestos becomes a problem when due to damage, disturbance, or deterioration over time the material releases fibers into the air.

Friable ACBM will release fibers into the air more readily than non-friable ACBM. Therefore, the AHERA Rule differentiates between friable and non-friable ACBM. The regulations define friable ACBM as material that may be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friable ACBM also includes previously non-friable material when it becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure. ***Undamaged non-friable ACBM should be treated as friable if any action performed on the material will make them friable.***

Asbestos Health Risks

Exposure to asbestos may result in asbestosis (a disease characterized by lung scarring, which reduces the lungs' ability to function), lung cancer, mesothelioma (always-fatal cancer arising in the chest or abdominal cavity), and

other diseases. Asbestos-related diseases are often dose-response related (the greater the exposure to airborne fibers, the greater the risk of developing an illness) and have a latency period (typically 15 to 30 years).

Risks associated with low-level, non-occupational exposure (e.g., a building occupant who is not actually disturbing the asbestos) are not well established. The National Institute for Occupation Safety and Health (NIOSH) has determined, however, that there is no established safe level of exposure.

Asbestos pose little risk if it is well maintained. EPA only requires asbestos removal to prevent significant public exposure to airborne asbestos fibers during building demolition or renovation activities.

AHERA (Asbestos Hazard Emergency Response Act) Background

AHERA was enacted in 1986. The regulation requires LEAs (Local Education Agency) to identify the location of asbestos-containing materials, to develop Management Plans to manage properly these materials, and to take appropriate actions to control the release of asbestos fibers in their buildings. In addition to the original inspection, the regulation requires that LEAs to conduct both 6-month periodic and 3-year annual re-inspections to reassess the condition of the asbestos-containing materials. Other requirements include providing asbestos awareness training to school staff, designating and training an individual (the Designated Person) to ensure that the LEA's AHERA requirements, including an Operations and Maintenance Plan (O&M), are implemented properly for each school.

3. MANAGEMENT PLAN OBJECTIVES

The **principal objective** of the asbestos management plan is to protect the health and safety of the building occupants in facilities that have asbestos-containing building materials (ACBM). The management plan provides this protection by establishing procedures and guidelines to:

1. Identify asbestos-containing building materials within the educational facility.
2. Maintain ACBM in good condition.
3. Ensure proper cleanup of asbestos fibers if released,
4. Prevent release of asbestos fibers.
5. Monitor the condition of the identified ACBM.
6. Inform parents, guardians, staff, vendors and contractors of the locations of ACBM.
7. Ensure properly trained and licensed personnel conduct asbestos related activities utilizing proper procedures.
8. Document and retain records of all asbestos related activities.
9. Comply with government regulations concerning asbestos.

4. KEY PERSONS

Local Education Agency

A school's governing body, i.e., the Local Education Agency (LEA), is responsible for ensuring all requirements of 40 CFR 763.80 and RCSA Section 19a-333-2 are met. The Town of Wilton Public Schools is the LEA for this facility.

40 CFR 763.80 and RCSA 19a-333-2 requires the LEA designate a person (Designated Person) to carry out its' obligations on its behalf and lists the responsibilities. This person is responsible for managing the school Asbestos Management Plan (AMP) and compliance with the federal asbestos regulations. These sections also require the LEA to train the Designated Person on their responsibilities and provide any necessary resources for the Designated Person to implement the AMP.

Designated Person

The Designated Person for the Town of Wilton Public Schools will ensure the school's responsibilities under EPA 40 CFR 763.80 and RCSA 19a-333-2 are met.

The Designated Person must attend an asbestos training program that meets course requirements of 40 CFR 763.84 and RCSA 19a-333-2(h). Copies of the Designated Person training certifications can be found in Appendix C.

The Designated Person's responsibilities include:

Asbestos Management Plan Responsibilities

- Ensuring all persons that perform Asbestos Inspections; Re-inspections; Periodic Surveillance; Develop or Update the school's Asbestos Management Plan; and Develop, Design, and Implement Response Actions are accredited, licensed, and trained, and perform the activities in accordance with regulations;
- Ensuring custodial and maintenance employees and newly-hired employees are trained;
- Annually notifying school employees, building occupants or legal guardians of the existence and location of the school's Asbestos Management Plan and school Asbestos Activities;
- Ensuring contractors (telephone repair workers, utility workers, non-school maintenance workers, etc.) that may come in contact with ACBM and PACM during the course of their work are provided with information on the locations of the ACBM and PACM;
- Obtaining a signed letter from architects that certify building materials that were installed during any renovation are 100% asbestos-free;
- Obtaining and keeping Material Safety Data Sheets on newly installed building materials;
- Ensuring Asbestos Warning Labels are posted and/or placed;
- Recording and maintaining asbestos documents and records in a central location at the school;
- Ensuring the school has an Asbestos Operations and Maintenance Program that meets the requirements of State regulations; and,
- Submitting the required State of Connecticut Notification Form on 3-Year Re-Inspections to the State of Connecticut Department of Public Health, Indoor Air Department.
- Consider whether any conflict of interest may arise among personnel undertaking activities related to the asbestos materials in the school.

Asbestos Recordkeeping Responsibilities

As an asbestos program manager, the Designated Person must see to it that the following records are kept in the management plan:

- General information, such as the list of the names and addresses of all school buildings, whether the school building contains ACBM or suspect ACBM.
- Inspection and re-inspection reports, including assessments and recommendations and sampling results.
- Description of the operation and maintenance program, including documentation on operations and maintenance activities impacting the ACBM or suspect ACBM.
- Response action documentation, fiber release episode and preventative measure documentation, including air clearance sampling, monitoring reports, accreditation certificates of persons designing and conducting the activities, etc.
- Six-month periodic surveillance inspection documentation.
- Copies of information on required notifications.
- Waste manifest records.
- Documentation on the training for maintenance and custodial staff.
- Copies of the annual notification to workers and building occupants or legal guardians.
- Short-term worker and contractor notification.
- Signed letter from architect for that certify building materials that were installed during any renovation are 100% asbestos-free.
- Material safety data sheets on all newly installed building materials.

Asbestos Inspector and Management Planner

Steven Douglas of ATC Associates Inc. conducted this re-inspection. Mr. Douglas, an accredited Asbestos Inspector/Management Planner, identified all known and assumed ACBM, determined friability for each material and assessed the condition and damage potential for all friable materials in accordance with RCSA 19a-333-3 through 19a-333-6. Scott Johnson of ATC Associates, Inc., an accredited Asbestos Inspector/Management Planner, provided the Management Plan component, as stipulated in RCSA 19a-333-7 & 10.

Persons That Design or Conduct Response Actions

The Designated Person ensures that only accredited and licensed persons are hired to design and conduct response actions, as required by RCSA 20-440-1 through 20-440-9 and 20-441, titled, *"Licensure and Training Requirements for Persons Engaged in Asbestos Abatement and Consultation Services"*, and *"Refresher Training"*.

5. DESIGNATED PERSON STATEMENT OF CERTIFICATION

"I acknowledge that I am the Designated Person for the Town of Wilton Public Schools and certify, as required under 40 CFR 763.93, that the Local Education Agency responsibilities, as stipulated by 40 CFR 763.84, have been or will be met."

Name Timothy Corcoran

Title Maintenance Tech.

Signature Timothy Corcoran Date 1/13/12

6. 2011 RE-INSPECTION REPORT

Background Information

The purpose of this re-inspection is to identify known and assumed ACBM and to assess the condition of these materials in accordance with the U. S. Environmental Protection Agency (EPA) AHERA and Connecticut Asbestos-In-Schools regulations.

Building Structure

The Miller Elementary School is a one-story with a basement building constructed of brick and concrete. Interior finish materials are typical, which include; but not limited to, gypsum board and joint compound, plaster, suspended ceiling tiles, carpet, floor tiles, wood flooring, and ceramic tiles.

Previous Inspection Data

Previous bulk sampling data and past re-inspection reports are maintained by the LEA. A summary of bulk sampling conducted since the previous re-inspection is as follows:

- Limited Survey for Asbestos Containing Materials, ATC 2011 (in conjunction with the 3yr Re-Inspection).

A Historic Sampling Table can be found in Appendix B

Previous Asbestos Abatement

No asbestos abatement was conducted since the previous re-inspection.

The Miller Elementary School facility underwent a major renovation in 1995 which included the addition of the Administration and Media Center wing. A letter from DeCarlo & Doll, Inc. Architects was supplied regarding new materials install within the facility that specified no asbestos containing materials were used. A copy of the letter can be located at the LEA office.

Bulk Sample Collection and Analysis

Bulk samples were collected as part of this re-inspection.

January 12, 2012, ATC Associates, Inc. Limited survey for asbestos-containing materials:

- Materials found to be ACBM: None.
- Materials found to be non-ACBM: gypsum board, joint compound, cove base, cove base adhesive, 2'x4' suspended ceiling tile (various types), and yellow carpet adhesive.

A copy of the survey report can be found in Appendix G.

The following information on collection and analysis is included for reference.

Number of Samples

To ascertain whether ACBM or PACM contains asbestos, a minimum number of samples of each type of material are collected in a random manner. All test samples of a material must be negative to be considered a non-asbestos-

containing material. Samples are submitted to a laboratory that is successfully participates in the National Voluntary Laboratory Accreditation Program (NVLAP) or the American Industrial Hygiene Association BAPAT Program, or equivalent proficiency program for bulk asbestos analysis.

The minimum number of samples collected is based on the amount of material, as follows:

Surfacing Material	
Amount of Homogeneous Material	Minimum No. of Samples
• ≤ 1,000 ft^2	3
• > 1,000 ft^2 to ≤ 5,000 ft^2	5
• > 5,000 ft^2	7

Thermal System Insulation	
Amount of Homogeneous Material	Minimum No. of Samples
• each homogenous material	3
• each patched area of < 6 ft or 6 ft^2	1
• each mechanical system with cement or plaster on fittings such as tees, elbows, valves	1

Miscellaneous Material	
Amount of Homogeneous Material	Minimum No. of Samples
• each material	2

Summary of Asbestos-Containing Building Materials

The following known and assumed ACBM is present within Miller Elementary School; located at 217 Wolfpit Road in Wilton, CT. Appendix A contains Management Plan tables which include details such as quantities, condition and hazard assessments and recommended response actions.

Known ACBM

- Spray-On Fireproofing
- Duct Insulation
- 9" Floor Tile
- Mastic for 9" Floor Tile

Assumed ACBM

- Wall Plaster (Skim and Base)
- Ceiling Plaster (Skim and Base)
- 2" Ceramic Tile Grout
- 2" Ceramic Tile Setting Compound
- Mastic under Wood Flooring
- Felt Paper under Wood Flooring
- 12" White w/Gray Streaks Floor Tile and Associated Mastic
- 12" Light Gray w/Black and White Streaks Floor Tile and Associated Mastic
- Black Brick Wall Sealer
- Chalkboard/Bulletin Board Glue
- Transite Chalkboard attached w/Glue
- Adhesive behind Wood Panels
- 4" Dark Brown Cove Base and Associated Adhesive

- Black Stair Tread and Associated Adhesive
- Gray Sink Undercoat
- Exposed Ceiling Glue Dots
- Fire door insulation
- Interior Door Glass Glazing
- Interior Window Frame Caulk
- Interior Window Glazing

Please note that this management plan **does not** replace the need to conduct a NESHAP inspection prior to any and all renovations.

Please note that asbestos-containing core insulation may be present within elevator doors and stairwell fire doors at this facility. All doors should be considered suspect for this locked-in material. Therefore, core-sampling is required prior to removal and disposal of any doors except ones that have been tested in the re-inspection.

Appendix A contains inspection and assessment information on all known and assumed ACBM in this building. The Management Plan Table lists the material, location, quantity, condition and hazard assessment (if applicable), recommended Response Action and any relevaut comments. Immediately following the tables are explanations of the Condition Assessment and Hazard Rating processes.

7. RECOMMENDED RESPONSE ACTIONS

AHERA regulation 40 CFR 763.90 and RCSA 19a-333-7 requires each Management Planner recommend a Response Action from at least one of the following:

1. Removal;
2. Encapsulation;
3. Enclosure;
4. Repair; or,
5. Maintain existing ACBM and/or PACM in a physically intact condition in accordance with procedures in the Operations and Maintenance Program (O&M Program).

All recommended Response Actions are based on the Hazard Rating of a material. Hazard Ratings are located on the inspection report tables in Appendix A, with written explanations following the tables.

General Information on Response Actions

A Management Planner (MP) will recommend a Response Action that meets the *minimum* requirements of State and Federal regulations. In most cases, the school has the option of more than one Response Action. If it is recommended that a material be included in the O&M Program, it does not require abatement.

However, if ACBM or PACM is damaged or severely damaged, the only Response Action allowed by the regulations may be to remove, encapsulate, enclose, or repair the ACBM or PACM (abate) in order to avoid human exposure and protect the environment.

When recommendations are made to remove, encapsulate, enclose, or repair a material, the material is too damaged to prevent asbestos fibers from being released.

Guidance for Selecting Response Actions

The LEA is ultimately responsible for selecting and implementing Response Actions from among those recommended in the AMP (40 CFR 763.90(a) and RCSA 19a-333-7(a)).

Regulations allow a Designated Person to select the Response Action that is the *least burdensome* to the school, however, the action must be capable of protecting human health and the environment, i.e., prevent exposure to building occupants and prevent the release and dispersal of fibers to other areas of the building.

Regulations allow the LEA to delay abatement until the next scheduled renovation occurs. In this situation, the Designated Person must restrict access to the area, ensure persons do not enter it until the hazard is abated, and ensure only qualified workers, i.e., those that have successfully completed an EPA-approved 16-Hour Asbestos Operations and Maintenance training course, enter the area.

If the Designated Person allows entry, the persons that enter must use required personal protective clothing and respirators and required asbestos equipment and work procedures as described in the O&M Program.

Unprotected and untrained maintenance workers, custodians, building occupants, contractors, and school employees are prohibited from entering the area until the hazard is abated, per RCSA 19a-333-8(e) (1) and (2).

The LEA or Designated Person may decide to remove undamaged and physically intact ACBM or PACM and replace it with asbestos-free materials. In this situation, the school usually has a long-term goal of removing ACBM and PACM to reduce the costs associated with maintaining the AMP and activities required by the AMP, such as conducting 3-Year Re-Inspections, and costs associated with implementing the O&M Program.

The Designated Person should discuss Response Actions with a Management Planner to thoroughly understand the advantages and disadvantages of each Response Action. Management Planners are familiar with Annual Budget Planning, Abatement Costs, regulatory requirements, and other Asbestos-In-School Buildings issues.

Implementing Response Actions

40 CFR 763.90(g) and RCSA 20-440-1 through 20-440-9 requires Response Actions *other* than O&M be designed and conducted only by persons that are accredited and licensed by the State of Connecticut Department of Public Health. Persons that design projects and prepare abatement project specifications are known as Asbestos Project Designers. Persons that conduct abatement, i.e., remove, repair, encapsulate, or enclose ACBM, are known as Asbestos Abatement Contractors, and must be accredited and licensed by the State of Connecticut. Asbestos Abatement Contractors are legally obligated to conduct all work in compliance with RCSA 19a-332a-1 through 332a-16, titled *"Standards for Asbestos Abatement."*

40 CFR 763.90(i) and RCSA 19a-333-7(h) requires schools to employ an accredited and licensed Asbestos Project Monitor. His or her principal job is to determine whether the Asbestos Abatement Contractor completed the Response Action in accordance with criteria listed in RCSA 19a-332a-12.

Recommended Response Actions for the Miller Elementary School

It is the responsibility of the Designated Person to ensure the following Recommended Response Actions are implemented within the stated time period, if applicable. Additionally, the Designated Person must provide a written response to recommendations other than O&M, detailing a schedule of actions to be taken. It is recommended that the written response is to be inserted into this AMP in a section tabbed "Response Actions".

- Most known and assumed ACBM within the Miller Elementary is non-friable and in good condition. As such, these materials should be maintained in accordance with the O&M Program included in Appendix L.

- Friable spray-on insulation is located within the facility boiler room and above the suspended ceiling tiles and within plumbing walls and is in good condition. As such, these materials should be maintained in accordance with the O&M Program included in Appendix L.

Evaluation of Resources Necessary to Perform Response Actions

ATC provides the following cost estimates to carry out the Recommended Response Actions:

- Scheduled 3-year re-inspection and management plan update – ***approximately $800.00.***
- Scheduled 6-month periodic surveillance – ***$350.00***
- Routine maintenance – ***approximately $1,500.00.***

8. INITIAL/ADDITIONAL CLEANING

Initial cleaning is to be performed as stated in RCSA 19a-333-8(b), "Operations and Maintenance, Cleaning"; prior to implementing response actions other than Operations and Maintenance.

The accredited management planner shall make a written recommendation to the LEA should *additional* cleaning be performed, and if so, the methods and frequency of such cleaning.

No additional cleaning is recommended at this time in the Miller Elementary School facility.

9. PREVENTATIVE MEASURES FOR DAILY OPERATIONS

In accordance with 19a-333-10(e)(7), the following guidelines are included to assist custodial staff in daily operations which may impact ACBM. These measures are abstracted from the Operations and Maintenance Program located in Appendix L.

Floor Tiles, Linoleum, Roll Flooring

Although the asbestos in floor tiles, linoleum, and roll flooring such as vinyl flooring are considered non-friable, excessive friction during routine cleaning can release fibers. To avoid release, observe the following:

- Always strip floors wet, never dry.
- Pre-treat floors: wet the floor with cleaning liquid to soften the wax.
- Operate floor strippers and buffers at low speed, up to 300 rpm. Above 300 rpm, fiber release may occur.
- Keep floors well-polished.
- Use a floor finish with a high solids content.
- After stripping and re-finishing, use a wet-mop to clean floors.
- During winter months when salt and sand are used, place 12-20 foot floor mats at entrances to the building.

Old and new flooring materials and old and new cove base may contain asbestos. If the flooring or cove base cracks, chips, wears down, or separates from the floor or wall, asbestos fibers can be released. Avoid damaging the materials. Do not cut, drill, saw, sand, remove, or repair them unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing. Report any damage to the Asbestos Program Manager or Maintenance Office.

When asbestos floor tiles, linoleum, and roll flooring are covered with carpets or other non-asbestos flooring, the asbestos flooring is inaccessible until the carpet or non-asbestos flooring is removed or is damaged.

Mastics and Adhesives under Floor Tiles, Linoleum, Roll Flooring, Carpets, Cove Base, and Ceiling Tiles

While carpets are not considered to be a suspected asbestos-containing material, the mastics, adhesives, and glues that are used to hold them in place are likely to contain asbestos. Mastics, adhesives, and glues used under floor tiles cove base, and ceiling tiles may also contain asbestos. Mastics are inaccessible after the material that covers them is in place, but if the overlaying material becomes damaged, asbestos will be released from the exposed mastic.

Do not cut, drill, saw, sand, remove, or repair these materials unless you are specifically trained, authorized, and use proper work practices, procedures, and protective clothing.

All non-asbestos flooring, cove base, carpets, and ceiling tiles that have asbestos-containing mastic must be treated as asbestos materials, because they cannot be removed without disturbing and releasing the asbestos in the mastic. This means that removal must be conducted as asbestos abatement.

Thermal Insulation (pipe and fitting insulation, tank and boiler insulation)

Thermal insulation consists of inner insulation that contains asbestos and binders and a protective outer covering, or jacket, that holds the insulation in place around the pipe, tank, boiler, or other surface. The covering also keeps the friable insulation from being released. The hardness and thickness of coverings and jackets vary greatly. However, if a cover is damaged, the asbestos fibers can be released, become airborne, and be inhaled. Therefore, care must be taken to avoid damaging the coverings and the insulation.

Insulation may crush if it is hit, walked on, or objects are leaned against it or hung from it. This loosens the asbestos from the binders and the cover from the insulation. Water can also dissolve the binders, and cause the cover to deteriorate. Coverings and insulation may deteriorate over time due to moisture in the air, contact with water, and heat. If the covering is damaged, the insulation may release dusts that contain fibers, and the dust will disperse.

The best way to prevent fibers from being released is to avoid contacting and damaging the insulation and covering. Avoid hitting the insulation. Do not lay objects on top of insulation, hang materials from it, or walk on it. Never drill, sand, score, cut, or gouge it. Avoid dropping things on it. Insulation covers should be kept in good condition and physically intact. If it is accidentally damaged, immediately leave the area and report the damage to the Asbestos Program Manager or Maintenance Office.

Do not cut, drill, saw, sand, remove, or repair any insulation unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing. Insulation that is located in highly accessible areas and subject to frequent and repeated contact should have a solid barrier placed around it to avoid accidental damage.

Surfacing Material (Spray-On Fireproofing)

The best way to prevent fibers from being released is to avoid contacting and damaging the surfacing material. Avoid hitting the material and do not hang materials from it. Never drill, sand, score, cut, or gouge it. Avoid dropping things on it. Do not cut, drill, saw, sand, remove, or repair any surfacing material unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing.

APPENDIX A

ACBM MANAGEMENT PLAN TABLES

Note: Areas changed color origin and room numbers since last re-inspection. Verify material in identified rooms before any assumption. Cafeteria Wing changed to Black Core, Yellow Core changed to Blue Core, and Peach Core changed to Red Core, all with rearranged room numbers.

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*FRIABILITY / AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Spray-on fireproofing insulation	**Cafeteria wing**: Boiler room (also, 2 sq ft overspray on wall); **Lower level below Peach Core**: Pump/elec closet; **Lower Level below Yellow Core**: Central storage and supply rooms; **Peach Core**: Classrooms 3 thru 6A, Central common area;	**Black Core**: Boiler room (also, 2 sq ft overspray on wall); **Lower level below Red Core**: Pump/elec closet; **Lower Level below Blue Core**: Central storage and supply rooms; **Red Core**: Classrooms 1 thru 5, Central common area;	F/ 5,000 SF	No damage	5/7	Include in Q&M Program	S	*Known*

F = friable, NF = nonfriable, SF = square feet, LF = linear feet

Condition Assessment Category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM, X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material)

Hazard Assessment Rating: Severity ranges from 1 (most hazardous) to 8 (least hazardous). See explanations following these tables.

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*FRIABILITY / AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Wall plaster-skim coat	**Lower Level below Yellow Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 4 and 5, Central common area and Hallways, Classrooms 1 thru 10, Game room, Language room , Psychology office, Speech room; **Cafeteria wing:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Yellow Core:** Storage (elec/mech) rooms 1 thru 3, Classrooms 11 thru 18A; Central Common Area	**Lower Level below Blue Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 1 and 18, Central common area and Hallways, Classrooms 1 thru 4 and 13-18, Game room, Language room , Psychology office, Speech room; **Black Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Blue Core:** Storage (elec/mech) rooms 2 thru 4, Classrooms 5 thru 12; Central Common Area	NF/ 21,000 SF	No damage	X/8	Include in Q&M Program	S	*Assumed*

F = friable, NF = nonfriable, SF = square feet, LF = linear feet

Condition Assessment Category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM, X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material)

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MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*FRIABILITY / AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Wall plaster-base coat	**Lower Level below Yellow Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 4 and 5, Central common area and Hallways, Classrooms 1 thru 10, Game room, Language room , Psychology office, Speech room; **Cafeteria wing:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Yellow Core:** Storage (elec/mech) rooms 1 thru 3, Classrooms 11 thru 18A; Central Common Area	**Lower Level below Blue Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 1 and 18, Central common area and Hallways, Classrooms 1 thru 4 and 13-18, Game room, Language room , Psychology office, Speech room; **Black Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Blue Core:** Storage (elec/mech) rooms 2 thru 4, Classrooms 5 thru 13; Central Common Area	NF/ 21,000 SF	No damage	X/8	Include in Q&M Program	S	*Assumed*

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Ceiling plaster-textured white	**Cafeteria wing**: Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Yellow Core**: Custodial closet; Girl's and Boy's Bathrooms; **Blue Core**: Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	**Black Core**: Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Blue Core**: Custodial closet; Girl's and Boy's Bathrooms; **Blue Core**: Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	NF/ 700 SF	No damage	X/8	Include in Q&M Program	S	*Assumed*
Ceiling plaster-base coat	**Cafeteria wing**: Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Yellow Core**: Custodial closet; Girl's and Boy's Bathrooms; **Blue Core**: Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	**Black Core**: Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Blue Core**: Custodial closet; Girl's and Boy's Bathrooms; **Blue Core**: Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	NF/ 700 SF	No damage	X/8	Include in Q&M Program	S	*Assumed*

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9"x9" White w/gray streaks vinyl floor tile	*Cafeteria wing: Custodian room and hallway;*	***Black Core**: Custodian room and hallway;*				*Removed in 2008*	*M*	*Abated 2008*
Mastic under 9"x9" White w/gray streaks vinyl floor tile	***Cafeteria wing**: Custodian room and hallway;*	***Black Core**: Custodian room and hallway;*				*Removed in 2008*	*M*	*Abated 2008*
2" Ceramic tile floor setting compound	**Blue Core:** Faculty men's and women's bathrooms; **Cafeteria wing:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Peach Core:** Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Yellow Core:** Boy's and Girl's bathrooms; **Lower level below Peach Core:** Bathroom;	**Blue Core:** Faculty men's and women's bathrooms; **Black Core:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Red Core:** Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Blue Core:** Boy's and Girl's bathrooms; **Lower level below Red Core:** Bathroom;	NF/ 1,100 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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2" Ceramic floor tile grout	**Blue Core**: Faculty men's and women's bathrooms; **Cafeteria wing:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Peach Core**: Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Yellow Core**: Boy's and Girl's bathrooms; **Lower level below Peach Core**: Bathroom;	**Blue Core**: Faculty men's and women's bathrooms; **Black Core:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Red Core**: Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Blue Core**: Boy's and Girl's bathrooms; **Lower level below Red Core**: Bathroom;	NF/ 1,100 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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9"x9" Green w/dark green streaks vinyl floor tile	**Blue Core:** Storage/mechanical rooms 4 and 5, Central common area and Hallways, Speech room; **Lower Level below Yellow Core:** Art supply room and Storage next to Central storage room; **Yellow Core:** Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Cafeteria Wing:** Room off K1, Kindergarten 2	**Blue Core:** Storage/mechanical rooms 1 and 18, Central common area and Hallways, Speech room; **Lower Level below Blue Core:** Art supply room and Storage next to Central storage room; **Blue Core:** Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Black Core:** Room off K1, Kindergarten 2	NF/ 6,250 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM* (Cafeteria Custodian Office, adjacent Hallway, and Kindergarten Exit Vestibule was Abated in 2008) Blue Core: 50% removed/replaced w/12"x12" gray vinyl floor tile in Storage/mechanica l room 4

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Mastic under 9"x9" Green w/dark green streaks vinyl floor tile	**Blue Core:** Storage/mechanical rooms 4 and 5, Central common area and Hallways, Speech room; **Lower Level below Yellow Core:** Art supply room and Storage next to Central storage room; **Yellow Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Cafeteria Wing**: Room off K1, Kindergarten 2	**Blue Core:** Storage/mechanical rooms 1 and 18, Central common area and Hallways, Speech room; **Lower Level below Blue Core:** Art supply room and Storage next to Central storage room; **Blue Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Black Core**: Room off K1, Kindergarten 2	NF/ 6,250 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM* (Cafeteria Custodian Office, adjacent Hallway, and Kindergarten Exit Vestibule was Abated in 2008)
9"x9" Green w/brown vinyl floor tile	**Cafeteria wing**: Meeting room/office off cafeteria;	**Black Core**: Meeting room/office off cafeteria;	NF/ 50 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM*
Mastic under 9"x9" Green w/brown vinyl floor tile	**Cafeteria wing**: Meeting room/office off cafeteria;	**Black Core**: Meeting room/office off cafeteria;	NF/ 50 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM*

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Mastic under wood floor	**Cafeteria wing:** Meeting room/office off cafeteria, Kindergarten rooms K1 and K2;	**Black Core:** Meeting room/office off cafeteria, Kindergarten rooms K1 and K2;	NF/ 1,675 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Felt paper under wood floor	**Cafeteria wing:** Meeting room/office off cafeteria, Kindergarten rooms K1 and K2,	**Black Core:** Meeting room/office off cafeteria, Kindergarten rooms K1 and K2,	NF/ 1,675 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
12"x12" White w/gray streaks vinyl floor tile	**Yellow Core:** Art supply closet; **Blue Core:** Classroom 8;	**Blue Core:** Art supply closet; **Blue Core:** Classroom 15;	NF/ 1,050 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Mastic under 12"x12" White w/gray streaks vinyl floor tile	**Yellow Core:** Art supply closet; **Blue Core:** Classroom 8;	**Blue Core:** Art supply closet; **Blue Core:** Classroom 15;	NF/ 1,050 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Interior window frame caulking	**Cafeteria Wing:** Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room Kindergarten rooms K1 and K2, **Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Lower level below Peach Core:** Classrooms 9 and 10, Storage, Hallway; **Peach Core:** Classrooms 3 thru 6A, Central common area; **Yellow Core:** Classrooms 11 thru 18A, Central Common Area;	**Black Core:** Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room Kindergarten rooms K1 and K2, **Blue Core:** Classrooms 1 thru 4 and 13-18, Game room, Language room; **Lower Level below Blue Core:** Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Lower level below Red Core:** Classrooms 1 and 2, Storage, Hallway; **Red Core:** Classrooms 1 thru 5, Central common area; **Blue Core:** Classrooms 5 thru 13, Central Common Area;	NF/ 225 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Black brick wall sealer	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Cafeteria Wing**: Central common area, Room off K1, Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core**: Classrooms 11 thru 18A;	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Black Core**: Central common area, Room off K1, Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Classrooms 5 thru 13;	NF/ 250 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Interior window glazing	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Cafeteria Wing**: Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room, Kindergarten rooms K1 and K2; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core**: Classrooms 11 thru 18A, Central Common Area;	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Black Core**: Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room, Kindergarten rooms K1 and K2; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Classrooms 5 thru 12, Central Common Area;	NF/ 250 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Chalkboard/bulletin board glue	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Lower level below Peach Core:** Classrooms 9 and 10, Storage, Hallway; **Peach Core:** Classrooms 3 thru 6A, Central common area; **Yellow Core:** Classrooms 11 thru 18A; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Cafeteria Wing:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	**Blue Core:** Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower level below Red Core:** Classrooms 1 and 2, Storage, Hallway; **Red Core:** Classrooms 1 thru 5, Central common area; **Blue Core:** Classrooms 5 thru 12; **Lower Level below Blue Core:** Classrooms 1 thru 5, Reading room, Kindergarten room K3 and Central common area; **Black Core:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	NF/ 1,500 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Transite chalkboard attached w/glue	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core:** Classrooms 11 thru 18A; **Cafeteria Wing:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	**Blue Core:** Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower Level below Blue Core:** Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Classrooms 5 thru 12; **Black Core:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	NF/ 1,500 SF	No damage	X/8	Include in Q&M Program	M	Some could be White Board *Assumed*
Gray/Black sink undercoating	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core:** Classrooms 11 thru 18A; Central Common Area	**Blue Core:** Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower Level below Blue Core:** Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Classrooms 5 thru 12; Central Common Area	NF/ 30 EA	No damage	X/8	Include in Q&M Program	M	*Assumed*

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Exposed glue daubs on ceiling	**Blue Core**: Classrooms 1 thru 10, Game room, Language room;	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room;	NF/ 10 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
9"x9" White vinyl floor tile under carpet	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	NF/ 200 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM*
Mastic under 9"x9" White vinyl floor tile under carpet	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	NF/ 200 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM*
12"x12" Light gray w/black and white streaks vinyl floor tile	**Cafeteria; Peach Core**: Staircase,	**Cafeteria; Red Core**: Staircase,	NF/ 1,000 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Mastic under 12"x12" Light gray w/white streaks vinyl floor tile	**Cafeteria; Peach Core**: Staircase;	**Cafeteria; Red Core**: Staircase;	NF/ 1,000 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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9"x9" White w/brown vinyl floor tile	***Cafeteria***	***Cafeteria***				*Removed 2008*	*M*	*Abated 2008*
Mastic under 9"x9" White w/brown vinyl floor tile	***Cafeteria***	***Cafeteria***				*Removed 2008*	*M*	*Abated 2008*
Door glass glazing	**Cafeteria Wing:** Central common area, Room off K1; Schools – interior and exterior Doors;	**Black Core:** Central common area, Room off K1; Schools – interior and exterior Doors;	NF/ 30 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Carpet glue on wood floor	**Cafeteria Wing:** Kindergarten rooms K1 and K2	**Black Core:** Kindergarten rooms K1 and K2	NF/ 1,675 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Glue behind wood panels:	**Cafeteria Wing:** Kindergarten rooms K1 and K2	**Black Core:** Kindergarten rooms K1 and K2	NF/ 450 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
4" dark brown vinyl cove base	**Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area;	**Lower Level below Blue Core:** Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area;	NF/ 110 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

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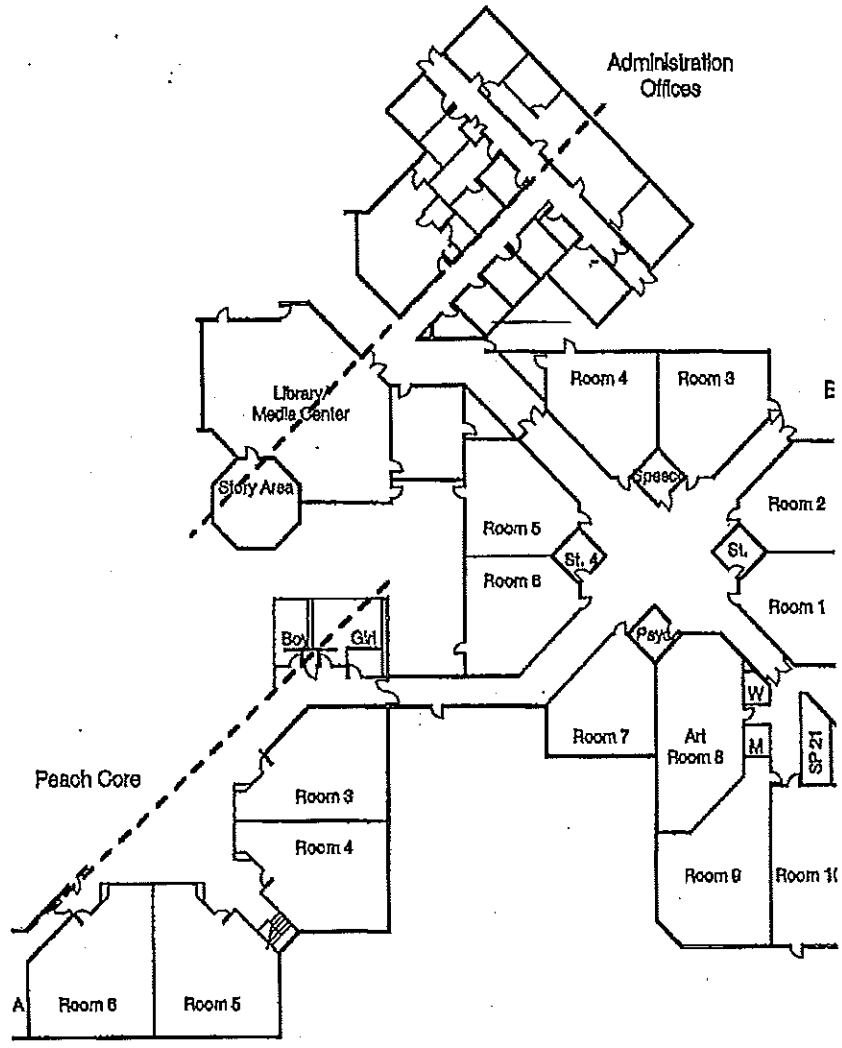
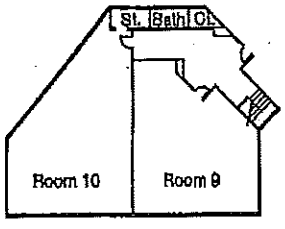
MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*FRIABILITY / AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Glue behind 4" dark brown vinyl cove base	**Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area;	**Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area;	NF/ 110 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Black mastic under carpet	**Peach Core**: Hallway; **Yellow Core**: Classrooms 11 thru 18A, Central Common Area	**Red Core**: Hallway; **Blue Core**: Classrooms 5 thru 12, Central Common Area	NF/ 6,500 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Black stair tread	**Peach Core**: Hallway;	**Red Core**: Hallway;	NF/ 100 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Glue under black stair tread	**Peach Core**: Hallway;	**Red Core**: Hallway;	NF/ 100 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Fire door core insulation	**Throughout school** – Interior and Exterior Doors	**Throughout school** – Interior and Exterior Doors	NF/ 1,200 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*

F = friable, NF = nonfriable, SF = square feet, LF = linear feet

Condition Assessment Category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM, X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material)

Hazard Assessment Rating: Severity ranges from 1 (most hazardous) to 8 (least hazardous). See explanations following these tables.





Lower Core
(Below Peach Core)

Tilford W. Miller School
Wilton, CT
Floor Plan
November 08

N = Blue Core
PK = Black Core - Cafe Area
C = Red (used to be Peach)
S = Yellow
C = Red

Miller

Numbered Classrooms 26

Driscoll

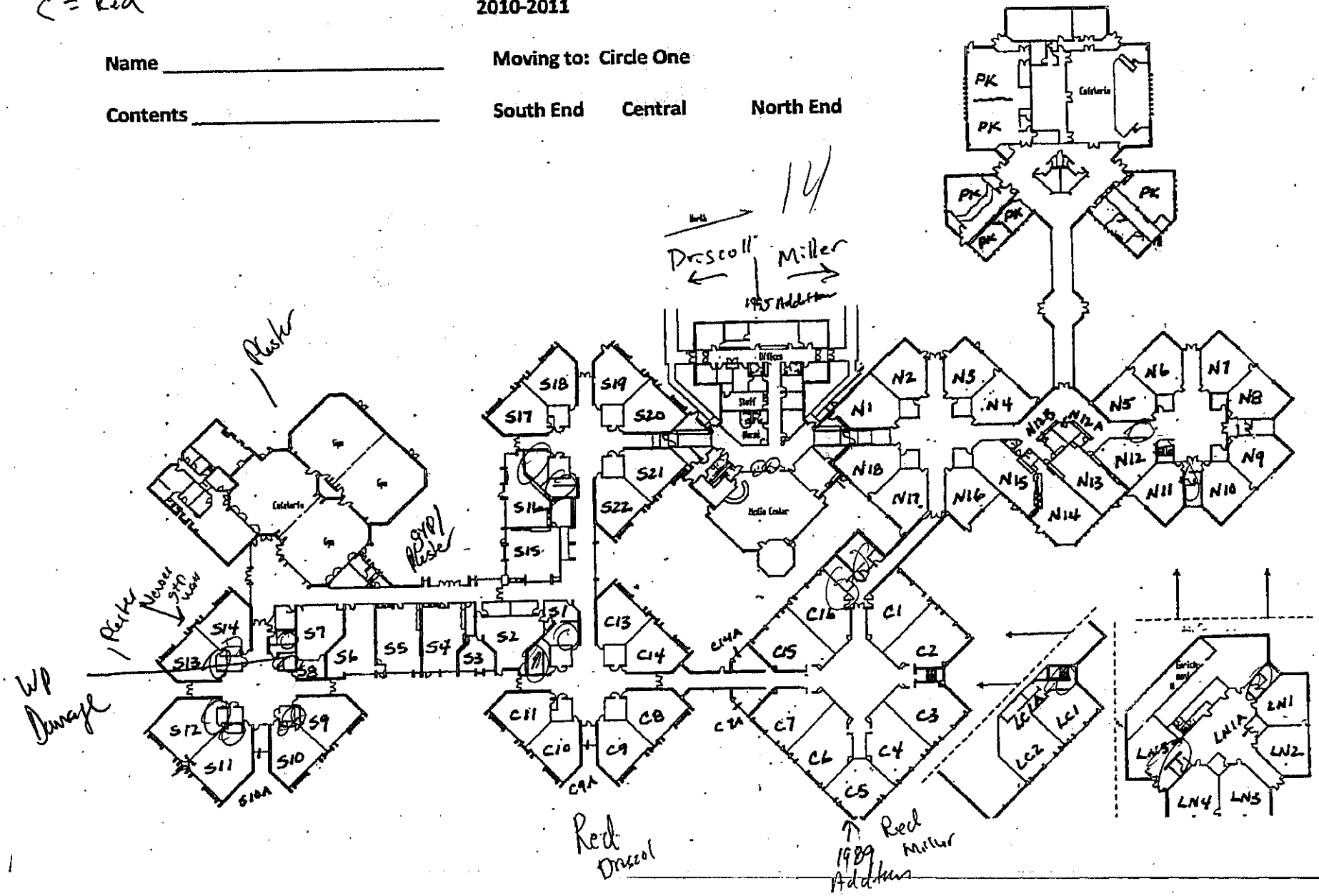
MILLER-DRISCOLL SCHOOL

2010-2011

Name _____ Moving to: Circle One

Contents _____ South End Central North End

14



Condition Assessment

The Inspector assessed the condition of friable and non-friable ACBM and PACM, and classified each into one of the following seven Condition Categories as required by 40 CFR 763.88(a)(2), (b), and (c) and RCSA 19a-333-6:

Number	Description of Condition
1	Damaged or Significantly Damaged Thermal System Insulation that contains asbestos
2	Damaged Friable Surfacing Material that contains asbestos
3	Significantly Damaged Friable Surfacing Material that contains asbestos
4	Damaged or Significantly Damaged Friable Miscellaneous Material that contains asbestos
5	ACBM with the Potential for Damage
6	ACBM with the Potential for Significant Damage
7	Friable ACBM not classified into the above categories and friable PACM
x	Non-Friable ACBM or PACM

ACBM and PACM with the lowest condition number are the *most* severely damaged.

Hazard Assessment

The Management Planner re-assessed the hazard that the existing ACBM and PACM poses to building occupants as required by 40 CFR 763.88(d) and RCSA 19a-333-6(e). The term "building occupants" includes students, teachers, parents and legal guardians of students, the general public, administrative personnel, and maintenance personnel. Materials were ranked on a numerical scale of 1-8. Materials that were assigned a Hazard Rating of 1 pose a very high risk of exposure to building occupants, while those with a Hazard Rating of 8 pose an extremely low (negligible) risk or no health risk.

The Hazard Rating for each ACBM and PACM is listed in the ACBM Tables. The reader should note the Hazard Rating Number for the listed building material, and then refer to the tables on the following pages for a full description of the Response Actions that are legally required.

Hazard Rating Index and Response Actions
for
Thermal System ACBM and PACM

Hazard Ranking Number	Hazard Assessment	Response Action
1	Significantly Damaged Thermal System Insulation with potential for significant damage (schedule this response action first)	1. repair damage *or* remove damaged material if repair is not technically possible, *and,* 2. maintain insulation and cover in an intact and undamaged condition.
2	Damaged Thermal System Insulation high potential for disturbance potential for significant damage (schedule this response action second)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and,* 2. schedule repair, enclosure, encapsulation then maintain under the O&M Program, *or,* 3. schedule removal.
3	Damaged Thermal System Insulation moderate potential for disturbance potential for damage (schedule this response action third)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and,* 2. schedule repair, enclosure, encapsulation then maintain under the O&M Program, *or,* 3. schedule removal.
4	Damaged Thermal System Insulation low potential for disturbance potential for damage	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and,* 2. after materials with a Hazard Rating of 3 and lower are abated, schedule repair, enclosure, and encapsulation then maintain under the O&M Program, *or* schedule removal.
5	Damaged Thermal System Insulation low potential for disturbance potential for damage	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and,* 2. after materials with a Hazard Rating of 4 and lower are abated, schedule repair, enclosure, and encapsulation then maintain under the O&M Program, *or* schedule removal.
6	Undamaged Thermal System Insulation high potential for disturbance potential for damage	1. maintain intact and undamaged under the O&M Program 2. after materials with a Hazard Rating of 5 and lower are abated, schedule repair, enclosure, and encapsulation then maintain under the O&M Program, *or,* schedule removal after damaged materials are abated.
7	Undamaged Thermal System Insulation moderate potential for disturbance potential for damage	1. maintain intact and undamaged under the O&M Program 2. after materials with a Hazard Rating of 6 and lower are abated, schedule repair, enclosure, encapsulation then maintain under the O&M Program, *or,* schedule removal
8	Undamaged Thermal System Insulation low potential for disturbance little or no potential for damage	1. maintain intact and undamaged under the O&M Program

Hazard Rating Index and Response Actions
for
Surfacing Material and Miscellaneous ACBM and PACM

Hazard Ranking Number	Hazard Assessment	Response Action
1	Significantly Damaged Friable Surfacing or Miscellaneous Materials potential for significant damage (schedule this response action first)	1. immediately isolate area and restrict all access; 2. consult Management Planner(MP) and obtain recommendations; 3. remove material unless MP recommends enclosure or encapsulation; *and*, 4. remove, *or*, enclose and maintain under the O&M Program, *or* encapsulate, *and then* maintain the material in good condition.
2	Damaged Friable Surfacing or Miscellaneous Materials high potential for disturbance potential for significant damage (schedule this response action second)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and*, 2. remove, *or*, 3. encapsulate, *or* enclose, *or* repair, then maintain in good condition under the O&M Program.
3	Damaged Friable Surfacing or Miscellaneous Materials moderate potential for disturbance potential for significant damage (schedule this response action third)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and,* 2. remove, *or*, 3. encapsulate, or enclose, or repair, then maintain in good condition under the O&M Program.
4	Damaged Friable Surfacing or Miscellaneous Materials low potential for disturbance potential for damage (schedule this response action fourth)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and*, 2. remove, *or*, 3. encapsulate, *or* enclose, *or* repair, then maintain in good condition under the O&M Program.
5	Damaged Friable Surfacing or Miscellaneous Materials no potential for disturbance potential for damage (schedule this response action fifth)	1. clean up debris and surfaces in accordance with procedures in the O&M Program, *and*, 2. repair, enclose, encapsulate then maintain under the O&M Program, *or* 3. remove.
6	Undamaged Non-Friable or Friable Surfacing or Miscellaneous Materials high potential for disturbance potential for damage	1. maintain intact and undamaged under the O&M Program 2. after materials with a Hazard Rating of 5 and lower are abated, schedule repair, enclosure, and encapsulation then maintain under the O&M Program, *or,* schedule removal.
7	Undamaged Non-Friable or Friable Surfacing or Miscellaneous Materials moderate potential for disturbance potential for damage	1. maintain intact and undamaged under the O&M Program 2. after materials with a Hazard Rating of 6 and lower are abated, schedule repair, enclosure, encapsulation then maintain under the O&M Program, *or*, schedule removal
8	Undamaged Non-Friable or Friable Surfacing or Miscellaneous Materials low potential for disturbance little or no potential for damage	1. maintain intact and undamaged under the O&M Program

APPENDIX B

HISTORIC ACBM SAMPLE TABLE(S)

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

Miller Elementary School

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Sprayed-on Fireproofing	**Boiler Room**	**S**		**ACM**	**PLM**	**CVTS-1986**
Sprayed-on Fireproofing	**Boiler Room**	**S**		**ACM**	**PLM**	**CVTS-1986**
Sprayed-on Fireproofing	**Boiler Room**	**S**		**ACM**	**PLM**	**CVTS-1986**
Boiler Breeching	**Boiler Room**	**TSI**	**Removed**	**ACM**	**PLM**	**CVTS-1986**
Boiler Breeching	**Boiler Room**	**TSI**	**Removed**	**ACM**	**PLM**	**CVTS-1986**
Boiler Breeching	**Boiler Room**	**TSI**	**Removed**	**ACM**	**PLM**	**CVTS-1986**
Pipe Elbow Insulation	Boiler Room	TSI		NON-ACM	PLM	CVTS-1986
Pipe Elbow Insulation	Lower Storage	TSI		NON-ACM	PLM	CVTS-1986
Pipe Elbow Insulation	A6 Storage	TSI		NON-ACM	PLM	CVTS-1986
Wall Material	Boiler Room	M		NON-ACM	PLM	CVTS-1986
Wall Material	Boiler Room	M		NON-ACM	PLM	CVTS-1986
Wall Material	Boiler Room	M		NON-ACM	PLM	CVTS-1986
9"x 9" Floor Tile	**Boiler Room – Exit**	**M**		**ACM**	**PLM**	**CVTS-1986**
9"x 9" Floor Tile	**Main Entry by Gym**	**M**		**ACM**	**PLM**	**CVTS-1986**
9"x 9" Floor Tile	**Entrance by CR2**	**M**		**ACM**	**PLM**	**CVTS-1986**

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
1'x 1' Ceiling Tile	Boiler Room	M		NON-ACM	PLM	CVTS-1986
1'x 1' Ceiling Tile	Hall – Entry by Gym	M		NON-ACM	PLM	CVTS-1986
1'x 1' Ceiling Tile	A-45	M		NON-ACM	PLM	CVTS-1986
Pipe Joint Insulation	Boiler Room	TSI		NON-ACM	PLM	CVTS-1991
Pipe Joint Insulation	Lower Storage Room	TSI		NON-ACM	PLM	CVTS-1991
Pipe Joint Insulation	Storage a-6	TSI		NON-ACM	PLM	CVTS-1991
1x1 Ceiling Tile	Boiler Room	M		NON-ACM	PLM	CVTS-1991
1x1 Ceiling Tile	Hallway by Kitchen	M		NON-ACM	PLM	CVTS-1991
1x1 Ceiling Tile	Room A-45	M		NON-ACM	PLM	CVTS-1991
3" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
3" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
3" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
1" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
1" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
1" Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Various Locations	M		NON-ACM	PLM	Mystic–2002
9"x 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
9"x 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
9"x 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**Art Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Adhesive for Black Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Adhesive for Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Adhesive for Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
Adhesive for Gray Cove Molding	Art Room	M		NON-ACM	PLM	Mystic–2002
9"x9" Floor Tile	**CR2**	**M**		**ACM**	**PLM**	**Mystic–2002**
9"x9" Floor Tile	**CR2**	**M**		**ACM**	**PLM**	**Mystic–2002**
9"x9" Floor Tile	**Blue Core Storage Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**CR2**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**CR2**	**M**		**ACM**	**PLM**	**Mystic–2002**
Mastic for 9" Floor Tile	**Blue Core Storage Room**	**M**		**ACM**	**PLM**	**Mystic–2002**
Fitting	Upper Blue Core – CR5	TSI		NON-ACM	PLM	Mystic–2002
Fitting	Hallway Between yellow/blue upper core	TSI		NON-ACM	PLM	Mystic–2002
Fitting	Yellow Core – Lower classroom 19	TSI		NON-ACM	PLM	Mystic–2002
9"x9" White Tile under Carpet	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**
9"x9" White Tile under Carpet	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**
9"x9" White Tile under Carpet	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**
Black Mastic for 9" Floor Tile	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Black Mastic for 9" Floor Tile	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**
Black Mastic for 9" Floor Tile	**Music Room**	**M**		**ACM**	**PLM**	**Mystic-2002**
4" Blue Cove Molding and Associated Adhesive	Cafeteria	M		NON-ACM	PLM	EnviroSci-2008
4" Blue Cove Molding and Associated Adhesive	Kindergarten Hall	M		NON-ACM	PLM	EnviroSci-2008
6" Quarry Floor Tile Grout	Kindergarten Storage	M		NON-ACM	PLM	EnviroSci-2008
6" Quarry Floor Tile Setting Compound	Kindergarten Storage	M		NON-ACM	PLM	EnviroSci-2008
Mudded Pipe Joint on Fiberglass Insulated Pipe	Electrical Room by Kindergarten	TSI		NON-ACM	PLM	EnviroSci-2008
Wallboard	Storage by Kindergarten	M		NON-ACM	PLM	EnviroSci-2008
2'x 4' Suspended Ceiling Tiles with Worms, Punch Marks and Pinholes	Classrooms 1, 10, 17	M		NON-ACM	PLM	EnviroSci-2008
Carpet Glue	Classroom 10	M		NON-ACM	PLM	EnviroSci-2008
Joint Compound	Room LC1 – Red Core	M		NON-ACM	PLM	ATC-2011
Joint Compound	LL – Red Core	M		NON-ACM	PLM	ATC-2011
Joint Compound	Cafeteria	M		NON-ACM	PLM	ATC-2011
Joint Compound	PK Common Area	M		NON-ACM	PLM	ATC-2011
Joint Compound	Blue Common Area	M		NON-ACM	PLM	ATC-2011

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Gypsum Board	Room LC1 – Red Core	M		NON-ACM	PLM	ATC-2011
Gypsum Board	LL – Red Core	M		NON-ACM	PLM	ATC-2011
Gypsum Board	Cafeteria	M		NON-ACM	PLM	ATC-2011
Gypsum Board	PK Common Area	M		NON-ACM	PLM	ATC-2011
Gypsum Board	Blue Common Area	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Worm & Pinholes Type	PK Common Area	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Worm & Pinholes Type	Blue Common Area	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Textured	LC1 Red Core	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Textured	Blue Common Area	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Textured	Red Common Area	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – Smooth (Gypsum)	Kitchen Serving Area	M		NON-ACM	PLM	ATC-2011

HISTORICAL SAMPLING TABLE

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
2'x 4' Suspended Ceiling Tile – Smooth (Gypsum)	Kitchen	M		NON-ACM	PLM	ATC-2011
Yellow Carpet Adhesive	Blue Common Area	M		NON-ACM	PLM	ATC-2011
Yellow Carpet Adhesive	LL – Red Core	M		NON-ACM	PLM	ATC-2011
Yellow Carpet Adhesive	PK Common Area	M		NON-ACM	PLM	ATC-2011
4" Blue Cove Base	Blue Common Area	M		NON-ACM	PLM	ATC-2011
4" Blue Cove Base	PK Common Area	M		NON-ACM	PLM	ATC-2011
4" Blue Cove Base	Cafeteria	M		NON-ACM	PLM	ATC-2011
Adhesive for 4" Blue Cove Base	Blue Common Area	M		NON-ACM	PLM	ATC-2011
Adhesive for 4" Blue Cove Base	PK Common Area	M		NON-ACM	PLM	ATC-2011
Adhesive for 4" Blue Cove Base	Cafeteria	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – White Pinhole Fissured	Blue Core Hallway	M		NON-ACM	PLM	ATC-2011
2'x 4' Suspended Ceiling Tile – White Pinhole Fissured	Yellow Core Hallway	M		NON-ACM	PLM	ATC-2011

APPENDIX C

CONSULTANT & DESIGNATED PERSON CERTIFICATIONS

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

January 05, 2012

SCOTT J JOHNSON
33 MACDONALD ST
Torrington, CT 06790

LICENSE #: 40.000297

Dear Licensee:

I am pleased to inform you that you have met all requirements for licensure as **Asbestos Consultant-Insp/Mgmt Planner** in Connecticut. Your license number is effective as of 01/04/2012. Your formal license will be mailed to you in the near future. Your name will appear on your license as shown above unless you notify us otherwise.

It is your responsibility to notify the Department of Public Health, Office of Practitioner Licensing and Certification, in writing within thirty (30) days, of any changes of name, residence address or business address, either within or outside Connecticut. Such notification to the Department of Public Health is required by law; failure to provide this information may jeopardize the status of your license.

Please note that your license must be renewed annually in your birth month. Renewal will be required in the first birth month that immediately follows the issuance of licensure. **You are required to include a copy of your current refresher training certificate with your renewal.** Your license can not be renewed without it. Failure to renew your license within ninety (90) days of the due date will result in your license becoming void. In that event, reinstatement would require a new application to the Department and a review of all credentials to determine your eligibility.

Should you have any questions or concerns regarding the renewal of your license, please contact this office via e-mail at oplc.dph@ct.gov.

Respectfully,

L Giovanelli

Lesley Giovanelli, Environmental Sanitarian 2
Environmental Practitioner Licensing Unit
Environmental Health Section

Phone: (860) 509-7559 fax: (860) 509-7295
Telephone Device for the Deaf (860) 509-7191
P.O. Box 340308 Hartford, CT 06134-0308

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

16 Hour Asbestos Management Planner Initial Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Kolodziej
Principal Instructor

December 1-2, 2011
Date of Course

December 2, 2012
Expiration Date

Gregory J. Morack
Regional Manager

MP-679
Certificate Number

December 2, 2011
Examination Date

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

VOID

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSPECTOR

SCOTT J. JOHNSON

LICENSE NO. 000576

CURRENT THROUGH 09/30/12

VALIDATION NO. 03-298390

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY

VOID

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

NAME

SCOTT J. JOHNSON

VALIDATION NO. 03-298390

LICENSE NO. 000576

CURRENT THROUGH 09/30/12

PROFESSION

ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

24 Hour Asbestos Site Inspector Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by

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

Gregory J. Morsch
Principal Instructor

December 16-18, 2003
Date of Course

December 18, 2004
Expiration Date

Gregory J. Morsch
Regional Manager

SI-1116
Certificate Number

December 18, 2003
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

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

conducted by

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

Edward Kolodziej
Principal Instructor

December 9, 2004
Date of Course

December 9, 2005
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR-1820
Certificate Number

December 9, 2004
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Kolodziej
Principal Instructor

November 29, 2005
Date of Course

November 29, 2006
Expiration Date

Gregory J. Marsch
Regional Manager

SIAR-2046
Certificate Number

November 29, 2005
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morach
Principal Instructor

November 29, 2006
Date of Course

November 29, 2007
Expiration Date

Gregory J. Morach
Regional Manager

SIAR-2317
Certificate Number

November 29, 2006
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Mosher

Principal Instructor

November 28, 2007

Date of Course

November 28, 2008

Expiration Date

Gregory J. Mosher

Regional Manager

SIAR-2619

Certificate Number

November 28, 2007

Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

November 20, 2008
Date of Course

November 20, 2009
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR-2913
Certificate Number

November 20, 2008
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Marsch

Principal Instructor

November 19, 2009

Date of Course

November 19, 2010

Expiration Date

Gregory J. Marsch

Regional Manager

SIAR-3297

Certificate Number

November 19, 2009

Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor
November 18, 2010
Date of Course

November 18, 2011
Expiration Date

Regional Manager
SIAR - 3659
Certificate Number

November 18, 2010
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Scott Johnson

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morack
Principal Instructor

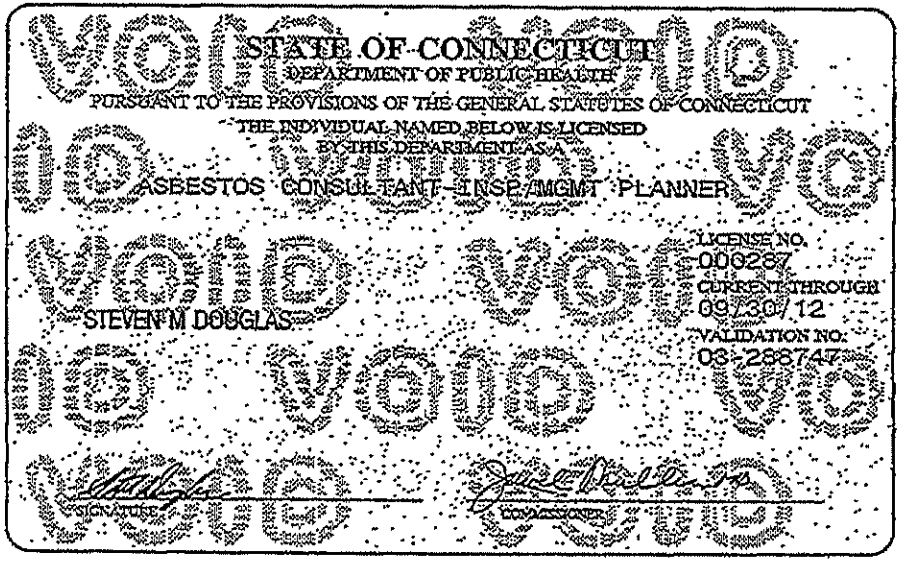
October 20, 2011
Date of Course

October 20, 2012
Expiration Date

Gregory J. Morack
Regional Manager

STAR-3982
Certificate Number

October 20, 2011
Examination Date



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED

BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSP/MGMT PLANNER

LICENSE NO.
000287

CURRENT THROUGH
09/30/12

VALIDATION NO.
03-2887A7

STEVEN M DOUGLAS

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the
16 Hour Asbestos Management Planner Initial Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

February 19-20, 2009
Date of Course

February 20, 2010
Expiration Date

Gregory J. Morsch
Regional Manager

MP-667
Certificate Number

February 20, 2009
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steve Douglas

has successfully completed the
Asbestos Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

March 26, 2009
Date of Course

March 26, 2010
Expiration Date

Gregory J. Morsch
Regional Manager

MPAR-2395
Certificate Number

March 26, 2009
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the
Asbestos Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morrell
Principal Instructor

March 25, 2010
Date of Course

March 25, 2011
Expiration Date

Gregory J. Morrell
Regional Manager

MPAR-2496
Certificate Number

March 25, 2010
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the
Asbestos Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morash
Principal Instructor

March 24, 2011
Date of Course

March 24, 2012
Expiration Date

Gregory J. Morash
Regional Manager

MPAR-2599
Certificate Number

March 24, 2011
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

24 Hour Asbestos Site Inspector Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Hobbs

Principal Instructor

April 9-11, 2007
Date of Course

April 11, 2008
Expiration Date

Gregory J. Marsh

Regional Manager

SI-1291
Certificate Number

April 11, 2007
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Kolodziej
Principal Instructor

March 20, 2008
Date of Course

March 20, 2009
Expiration Date

Gregory J. Mersch
Regional Manager

SIAR-2709
Certificate Number

March 20, 2008
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steve Douglas

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

March 26, 2009
Date of Course

March 26, 2010
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR-3077
Certificate Number

March 26, 2009
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morrell
Principal Instructor

March 25, 2010
Date of Course

March 25, 2011
Expiration Date

Gregory J. Morrell
Regional Manager

SIAR-3448
Certificate Number

March 25, 2010
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morash
Principal Instructor

March 24, 2011
Date of Course

March 24, 2012
Expiration Date

Gregory J. Morash
Regional Manager

SIAR-3821
Certificate Number

March 24, 2011
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Timothy Corcoran

has successfully completed the
4 HOUR OPERATIONS & MAINTENANCE REFRESHER
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morach
Principal Instructor

March 23, 2010
Date of Course

March 23, 2011
Expiration Date

Gregory J. Morach
Regional Manager

4ADAR-6510
Certificate Number

March 23, 2010
Examination Date

ATTENDANCE SHEET

Sheet 1 of 3

COURSE # _____

Course ASBESTOS AWARENESS

Date/Time 8/17/10

Location WILTON SCHOOLS

Instructor Signature _____

Instructor Signature Steve Bothers

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
1	JOHN McKAY	John McKay			WILTON SCHOOL		7853	
2	Joel Mayhew				M.B.S.		7854	
3					M.B.S.		7855	
4	Louis M. Martinez	Louis M Martinez			M-D		7856	
5	Thomas B Boyle	Thomas B Boyle			W.H.S		7857	
6	Pauline Rosado	Pauline Rosado			W.H.S.		7858	
7	JOAN KOROWKIEWICZ	Joan Korowkiewicz			WHS		7859	
8	Richard R. Fiala	Richard R. Fiala			MB		7860	
9	Michael HASTINGS	Michael Hastings			New		7861	
10	Fred Collis	Fred Collis			WHS		7862	
11	Jose S. Figueroa	Jose S. Figueroa			WHS		7863	
12	Rudy Angel	Rudy Angel			WHS		7864	
13	Nelson MATOS	Nelson Matos			M-B-S		7865	
14	KEITH GORMAN	Keith Gorman			DIST		7866	
15	Louis Russ	Louis Russ			W.H.S.		7867	
16	PIERRE MATHIEU	Pierre Mathieu			WHS		7868	

2003

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
17	Cesar Jimenez				Wilton Boord of Ed		-1869	
18	Pablo Mulleda				Comm Board		-1870	
19	Jose Jimenez		✓		Wilton Board		-1871	
20	Alan Gamakharian				Wilton Board		-1872	
21	Jose Melendez				W.H.S		-1873	
22	José Torres				Wilton B. of Ed.		-1874	
23								
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36								
37								

ATTENDANCE SHEET

Sheet 3 of 3

COURSE # ____________________

Course ____________________

Instructor Signature ____________________

Instructor Signature ____________________

Date/Time ____________________

Location ____________________

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
1	Steve O'Toole	[signature]			W.H.S		-1875	
2	[illegible] Rod[illegible]	[signature]			M-D		-1876	
3	Guillermo Ramirez	Guillermo Ramirez			W.H.S.		-1877	
4	Lorena Farias	Lorena Farias			W.H.S.		-1878	
5	Beatriz Galeano	[signature]			WHS		-1879	
6	Elmer Bustillo	[signature]			W.H.S.		-1880	
7	Danva [illegible]	[signature]			M.B.S		-1881	
8	William [illegible]	[signature]			MBS 8-17-10		-1882	
9	[illegible]	[signature]			8-17-10		-1883	
10	Lorenzo Melendez	[signature]			8-17-10		-1884	
11	[illegible]				8-17-2010		-1885	
12	Jose Mercado Castro	Marcos Castro					-1886	
13	Willi Hostos						-1887	
14								
15								
16								

CERTIFICATE OF ACHIEVEMENT

This certifies that

John McKay

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Steve E Cote
Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7853
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jose Martinez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7854
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Herculano Amaral

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7855
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jesus Manuel Martinez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7856
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Thomas B. Raytar

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7857
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Pauline M. Rosado

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7858
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Stan Koronkiewicz

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7859
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Richard Finch

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7860
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Michael Hastings

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Steven E. Foster
Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7861
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Fred Collis

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Monack
Regional Manager

2AH-7862
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jon J. Figueroa

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7863
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Rudy Angel

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morach
Regional Manager

2AH-7864
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Nelson M. Castro

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7865
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Matthew Corcoran

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Monack
Regional Manager

2AH-7866
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Louis Russ

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7867
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Pierre Max Thoby

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7868
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Cesar Jimenez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7869
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Julio Maldonado

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7870
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jose Jimenez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7871
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Alan Gamakharov

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7872
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jose Melendez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7873
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jose Torres

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7874
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steve O'Toole

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7875
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Rodnez Thoby

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Monack

Regional Manager

2AH-7876
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Guillermo Ramirez

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7877
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Lorena Faria

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7878
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Beatriz Galeano

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morach

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7879
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Elmer Bustillo

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7880
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Dalva A. Fry

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7881
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

William E. Fry Jr.

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7882
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Thol Joseph

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash
Regional Manager

2AH-7883
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Lorenzo Melendez

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morash

Regional Manager

2AH-7884
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Victor R. Callirgos

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Moran
Regional Manager

2AH-7885
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Jose Marcos Castro

has successfully completed the

2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morash

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7886
Certificate Number

Not Applicable
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Willie Hostos

has successfully completed the
2 Hour Asbestos Hazardous Awareness Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763
conducted by
ATC Associates Inc
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Regional Manager

2AH-7887
Certificate Number

Not Applicable
Examination Date

APPENDIX D

ANNUAL NOTIFICATION

Annual Notification

In accordance with 40 CFR 763.84(c) and RCSA 19a-333-10(e)(11), the Designated Person must distribute annual notification to all building occupants detailing inspections, re-inspections, response actions and surveillance activities which are planned or in progress.

The current notification is to be included in employee and student/parent handbooks for distribution.

WILTON PUBLIC SCHOOLS

2011-2012 Student Rights and Responsibilities

Grades PreK - 12

Office of the Superintendent of Schools
395 Danbury Road Wilton, CT 06897
(203) 762-3381

Miller-Driscoll School	Cheryl Jensen-Gerner, Principal	762-8678
(Grades PreK-2)	Sheelah Brown, Assistant Principal	
	Leslie Pearson, Assistant Principal	
	Fred Rapczinski, Director Preschool Svs	834-4909
Cider Mill School	Virginia Rico, Principal	762-3351
(Grades 3-5)	Catherine O'Keefe, Assistant Principal	
	Thomas Ford, Assistant Principal	
Middlebrook School	Julia Harris, Principal	762-8388
(Grades 6-8)	Nancy Hasenauer, Dean	
	Jory Higgins, Dean	
	Kevin Welch, Dean	
Wilton High School	Robert O'Donnell, Principal	762-0381
	Maria Coleman, Associate Principal	
	Linda Lyall, Assistant Principal	
	Richard Sanzo, Assistant Principal	
	Christy Hayes, Athletic Director	

TABLE OF CONTENTS

MIGRANT STUDENTS

A full range of services will be provided to migrant students, including applicable Title I programs, special education, gifted education, vocational education, language programs, counseling programs and elective classes.

✳ NOTICE OF ASBESTOS MANAGEMENT PLAN

In order to comply with the requirements of the Asbestos Hazard Emergency Response Act (A.H.E.R.A.) all public and private schools nationwide must notify parents, staff and students yearly as to the availability and accessibility of our Asbestos Management Plan, including the three year re-inspections and six (6) month periodic surveillance records.

These documents are located in the main office in each school. For further information, please contact Sean O'Toole, Supervisor - Custodial & Maintenance Services at (203) 762-3381 ext 8332.

PESTICIDE APPLICATION

Only certified pesticide applicators shall be used for any non-emergency pesticide use in school buildings or on school grounds. Areas to receive pesticide application will be posted and a written record of all pesticide applications will be maintained for five (5) years. Parents/guardians and staff who want to receive advance notice of all pesticide use may contact the Office of Buildings, Grounds and Transportation to request they be listed on a registry and such notice will be provided as required by law.

APPENDIX E

CONNECTICUT DPH NOTIFICATION FORM

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

LOCAL EDUCATION AGENCY THREE YEAR REINSPECTION REPORT OF ASBESTOS-CONTAINING MATERIALS

(In accordance with Section 19a-333-3(b) of the Regulations of Connecticut State Agencies)

INSTRUCTIONS

1. This form must be typewritten.
2. If any space allowed is inadequate, continue on the reverse of this sheet.
3. Return original form to the State of CT Department of Public Health
4. Return a copy of the completed form to the address below and keep a copy in the LEA management plan.

I. LOCAL EDUCATIONAL AGENCY:

Name: Town of Wilton Public Schools

Address: 395 Danbury Road, Wilton, CT 06897

School(s): Name	Date Management Plan Accepted by State	Reinspection Date/s	Next Reinspection Due
Wilton High School	August 1991	December 2011	December 2014
Wilton BOE Admin. Building	August 1991	December 2011	December 2014
Driscoll Elementary School	August 1991	December 2011	December 2014
Cider Mill Elementary School	August 1991	December 2011	December 2014
Miller Elementary School	August 1991	December 2011	December 2014
Middlebrook Middle School	August 1991	December 2011	December 2014

Inspector/s: Steven Douglas *Signature:*

Please attach copies of current Inspector license and current refresher certificate

Management Planner: Scott Johnson *Signature:*

Please attach copies of current Management Planner license and current refresher certificate

LEA Designated Person: Timothy Corcoran *Signature:*

Please attach documentation of training

Note:
It is required that new custodial and maintenance employees attend a (2) hr. asbestos awareness training program within 60 working days of employment. Documentation that such training has been provided must be included in the management plan.

Please list and identify any schools that have closed since the previous reinspection

REV. 3/05

Phone: (860) 509-7367, Fax: (860) 509-7378
Telephone Device for the Deaf (860) 509-7191
410 Capitol Avenue - MS # 51AIR
P.O. Box 340308 Hartford, CT 06134
An Equal Opportunity Employer

APPENDIX F

ARCHITECTURAL LETTER(S)

APPENDIX G

ASBESTOS INSPECTION DOCUMENTATION

LIMITED SURVEY FOR ASBESTOS-CONTAINING MATERIALS

MILLER ELEMENTARY SCHOOL
217 WOLFPIT ROAD

WILTON PUBLIC SCHOOLS
WILTON, CT 06897

ATC PROJECT NO. 61.38954.0009
DECEMBER 27, 2011

Prepared by:

ATC Associates Inc.
290 Roberts Street, Suite 301
East Hartford, Connecticut 06108
Phone: (860) 282-9924
Fax: (860) 282-9826

Prepared for:

Town of Wilton
Wilton Public Schools
238 Danbury Road
Wilton, CT 06897

TABLE OF CONTENTS

1.0 INTRODUCTION

ATC Associates Inc. (ATC) of East Hartford, Connecticut was retained by Wilton Public Schools to conduct a limited survey to identify asbestos-containing materials (ACM) in specified locations in Miller Elementary School, located at 217 Wolfpit Road in Wilton, Connecticut. This survey was in conjunction with the 3 year AHERA re-inspection and was limited to specified materials identified by the inspector.

The survey was conducted on December 29, 2011, by Mr. Steven Douglas, an Asbestos Inspector licensed by the Connecticut Department of Public Health. The purpose of the investigation was to identify ACM within specified areas to confirm assumed ACBM for the 3 year AHERA re-inspection. The survey was performed as a walk-through visual inspection, combined with the collection and analysis of bulk samples.

2.0 ASBESTOS CONTAINING MATERIALS SURVEY

2.1 ASBESTOS BULK SAMPLE COLLECTION/ANALYSIS PROCEDURE

Specified interior materials were inspected and assessed using the methods presented in the United States Environmental Protection Agency (EPA) AHERA regulations (40 CFR, Part 763). Destructive methods to identify hidden materials were not utilized as part of this limited survey.

ATC collected bulk samples of building materials utilizing a sampling strategy that correlated with 40 CFR 763.86 as follows:

(a) *Surfacing materials.* An accredited inspector shall collect, in a statistically random manner that is representative of the homogeneous area, bulk samples from each homogeneous area of friable surfacing materials that is not assumed to be ACM, and shall collect the samples as follows:

(1) At least three bulk samples shall be collected from each homogeneous area that is 1,000 ft^2 or less, except as provided in 40 CFR Part 763.87(c)(2).

(2) At least five bulk samples shall be collected from each homogeneous area that is greater than 1,000 ft^2 but less than or equal to 5,000 ft^2, except as provided in 40 CFR Part 763.87(c)(2).

(3) At least seven bulk samples shall be collected from each homogeneous area that is greater than 5,000 ft^2, except as provided in 40 CFR Part 763.87(c)(2).

(b) *Thermal systems insulation.*

(1) Except as provided in paragraphs (b)(2) through (4) of this section and 40 CFR Part 763.87(c), an accredited inspector shall collect, in a randomly distributed manner, at least three bulk samples from each homogeneous area of thermal systems insulation that is not assumed to be ACM.

(2) Collect at least one bulk sample from each homogeneous area of patched thermal systems insulation that is not assumed to be ACM if the patched section is less than 6 linear or square feet.

(3) In a manner sufficient to determine whether the material is ACM or not ACM, collect bulk samples from each insulated mechanical system that is not assumed to be ACM where cement or plaster is used on fittings such as tees, elbows, or valves, except as provided under 40 CFR Part 763.87(c)(2).

(4) Bulk samples are not required to be collected from any homogeneous area where the accredited inspector has determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACM.

(c) *Miscellaneous materials.* In a manner sufficient to determine whether material is ACM or not ACM, an accredited inspector shall collect bulk samples from each homogeneous area of friable miscellaneous material that is not assumed to be ACM.

The bulk samples collected during the survey were analyzed by EMSL Analytical, Inc. located in Wallingford, CT (NVLAP #200700-0). The bulk samples collected were analyzed by Polarized Light Microscopy (PLM) using the EPA method 600/R-93/116 and/or EPA method 600/M4-82-020 per 40 CFR 763. Utilizing PLM, the analyst is able to identify and distinguish between asbestos group minerals and other fibrous materials such as cellulose, mineral wool, fiberglass or synthetic fibers. The quantities of each of these substances is estimated based on the procedures defined in the above-cited reference and are reported as a percentage.

The EPA recognizes the following as asbestos: Chrysotile, Crocidolite, Amosite, Tremolite, Actinolite and Anthophyllite. To **classify as ACM, the material must be determined to contain greater than one percent (1%) asbestos.** In order to consider a material to be non-asbestos-containing, all samples of a homogeneous type of material that are collected must be analyzed and all results indicate as containing less than 1% asbestos by weight.

2.2 ASBESTOS-CONTAINING MATERIALS SURVEY FINDINGS

Table 1 presents details of bulk sampling and analytical results in their entirety. Complete laboratory analysis sheets can be found in Appendix A.

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS
MILLER ELEMENTARY SCHOOL
DECEMBER 29, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122911-MS-1A	Room LC1 – Red Core	Joint Compound	NAD

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS
MILLER ELEMENTARY SCHOOL
DECEMBER 29, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122911-MS-1B	LL – Red Core	Joint Compound	NAD
122911-MS-1C	Cafeteria	Joint Compound	NAD
122911-MS-1D	PK Common Area	Joint Compound	NAD
122911-MS-1E	Blue Common Area	Joint Compound	NAD
122911-MS-2A	Room LC1 – Red Core	Gypsum Board	NAD
122911-MS-2B	LL – Red Core	Gypsum Board	NAD
122911-MS-2C	Cafeteria	Gypsum Board	NAD
122911-MS-2D	PK Common Area	Gypsum Board	NAD
122911-MS-2E	Blue Common Area	Gypsum Board	NAD
122911-MS-3A	PK Common Area	2'x 4' Suspended Ceiling Tile – Worm & Pinholes Type	NAD
122911-MS-3B	Blue Common Area	2'x 4' Suspended Ceiling Tile – Worm & Pinholes Type	NAD
122911-MS-4A	LC1 Red Core	2'x 4' Suspended Ceiling Tile – Textured	NAD
122911-MS-4B	Blue Common Area	2'x 4' Suspended Ceiling Tile – Textured	NAD
122911-MS-4C	Red Common Area	2'x 4' Suspended Ceiling Tile – Textured	NAD
122911-MS-5A	Kitchen Serving Area	2'x 4' Suspended Ceiling Tile – Smooth (Gypsum)	NAD
122911-MS-5B	Kitchen	2'x 4' Suspended Ceiling Tile – Smooth (Gypsum)	NAD

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS
MILLER ELEMENTARY SCHOOL
DECEMBER 29, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122911-MS-6A	Blue Common Area	Yellow Carpet Adhesive	NAD
122911-MS-6B	LL – Red Core	Yellow Carpet Adhesive	NAD
122911-MS-6C	PK Common Area	Yellow Carpet Adhesive	NAD
122911-MS-7A	Blue Common Area	4" Blue Cove Base	NAD
122911-MS-7B	PK Common Area	4" Blue Cove Base	NAD
122911-MS-7C	Cafeteria	4" Blue Cove Base	NAD
122911-MS-8A	Blue Common Area	Adhesive for 4" Blue Cove Base	NAD
122911-MS-8B	PK Common Area	Adhesive for 4" Blue Cove Base	NAD
122911-MS-8C	Cafeteria	Adhesive for 4" Blue Cove Base	NAD
122911-MS-9A	Blue Core Hallway	2'x 4' Suspended Ceiling Tile – White Pinhole Fissured	NAD
122911-MS-9B	Yellow Core Hallway	2'x 4' Suspended Ceiling Tile – White Pinhole Fissured	NAD

NAD=No Asbestos Detected

Based on laboratory analysis, all materials sampled as part of this limited survey were found to be Non-ACM:

2.3 ASBESTOS-CONTAINING MATERIALS RECOMMENDATIONS

Prior to renovations which may disturb the material, identified ACM should be removed and disposed of by an Asbestos Contractor licensed by the Connecticut Department of Public Health, in accordance with applicable federal and state asbestos abatement regulations.

This survey for ACM was limited in scope; therefore ACM may be present in other forms within Miller Elementary School. Prior to renovation or demolition activities, ATC recommends comprehensive bulk sampling to determine the presence of ACM.

3.0 LIMITATIONS

ATC provided these services consistent with the level and skill ordinarily exercised by members of the profession currently providing similar services under similar circumstances at the time the services were provided. This statement is in lieu of other statements either expressed or implied. This report is intended for the sole use of Wilton Public Schools. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user.

As with all such assessments, the results of the sampling represent conditions found on the date of the survey and may not represent conditions found at other times. Additionally, this assessment was limited with respect to the specific parameters indicated above and should not be construed to be a comprehensive evaluation or a definitive representation of conditions within the facility. The information presented in this report is intended to be used as a guide to evaluate the need for further investigation or the need for modifications to the processes or procedures surveyed.

The Client recognizes and agrees that all testing and remediation methods have reliability limitations, no method nor number of sampling locations can guarantee that a condition will be discovered within the performance of the services as authorized by the Client. Additionally, the passage of time may result in a change in the environmental characteristics at this site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were observed during ATC's inspection of the site.

ATC appreciates this opportunity to provide continued environmental consulting services to the Town of Wilton Public Schools. Please feel free to contact me with any questions or comments at 860-282-9924 ext. 1111.

Sincerely,

ATC Associates Inc.

Scott J. Johnson
Project Manager

APPENDIX A

LABORATORY ANALYSIS SHEETS

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Scott Johnson**
ATC Associates, Inc
290 Roberts Street
East Hartford, CT 06108

Fax: (860) 282-9826 Phone: (860) 282-9924

Project: **61.38954.0008, WILTON SCHOOLS, MILLER SCHOOL WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200063
EMSL Proj:
Analysis Date: 1/10/2012

RECEIVED JAN 16 2012 BY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
122911-MS-1A *241200063-0001*	LCI- Red- Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	None Detected
122911-MS-1B *241200063-0002*	LL- Red- Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	None Detected
122911-MS-1C *241200063-0003*	Café- Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	None Detected
122911-MS-1D *241200063-0004*	PK common- Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	None Detected
122911-MS-1E *241200063-0005*	Blue common- Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	None Detected
122911-MS-2A *241200063-0006*	LCI- Red- Gypsum board	Gray Non-Fibrous Heterogeneous	3% Cellulose <1% Glass		97% Non-fibrous (other)	None Detected
122911-MS-2B *241200063-0007*	LL- Red- Gypsum board	Gray Non-Fibrous Heterogeneous	4% Cellulose <1% Glass		96% Non-fibrous (other)	None Detected

Initial report from 01/10/2012 08:54:29

Analyst(s)

Todd Patrick (19)
William Shedrawy (9)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Scott Johnson**
ATC Associates, Inc
290 Roberts Street
East Hartford, CT 06108

Fax: (860) 282-9826 Phone: (860) 282-9924

Project: **61.38954.0008, WILTON SCHOOLS, MILLER SCHOOL, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200063

EMSL Proj:
Analysis Date: 1/10/2012

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	% Type
122911-MS-2C *241200063-0008*	Café- Gypsum board	Gray Non-Fibrous Heterogeneous	2% <1%	Cellulose Glass	98%	Non-fibrous (other)	None Detected
122911-MS-2D *241200063-0009*	PK common- Gypsum board	Gray Non-Fibrous Heterogeneous	6% <1%	Cellulose Glass	94%	Non-fibrous (other)	None Detected
122911-MS-2E *241200063-0010*	Blue common- Gypsum board	Gray Non-Fibrous Heterogeneous	5% <1%	Cellulose Glass	95%	Non-fibrous (other)	None Detected
122911-MS-3A *241200063-0011*	PK common- 2'x4' SCT worms & pinholes	Gray/White Fibrous Heterogeneous	70% 15%	Cellulose Min. Wool	15%	Non-fibrous (other)	None Detected
122911-MS-3B *241200063-0012*	Blue common- 2'x4' SCT worms & pinholes	Gray/White Fibrous Heterogeneous	70% 10%	Cellulose Min. Wool	20%	Non-fibrous (other)	None Detected
122911-MS-4A *241200063-0013*	LCI- Red- 2'x4' textured SCT	Gray/White Fibrous Heterogeneous	45% 40%	Cellulose Min. Wool	15%	Non-fibrous (other)	None Detected
122911-MS-4B *241200063-0014*	Blue common- 2'x4' textured SCT	Gray/White Fibrous Heterogeneous	35% 50%	Cellulose Min. Wool	15%	Non-fibrous (other)	None Detected

Initial report from 01/10/2012 08:54:29

Analyst(s)

Todd Patrick (19)
William Shedrawy (9)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Scott Johnson**
ATC Associates, Inc
290 Roberts Street
East Hartford, CT 06108

Fax: (860) 282-9826 Phone: (860) 282-9924
Project: **61.38954.0008, WILTON SCHOOLS, MILLER SCHOOL, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200063
EMSL Proj:
Analysis Date: 1/10/2012

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
122911-MS-4C *241200063-0015*	Red common- 2'x4' textured SCT	Gray/White Fibrous Heterogeneous	45% Cellulose 40% Min. Wool		15% Non-fibrous (other)	**None Detected**
122911-MS-5A *241200063-0016*	Kitchen- 2'x4' plain SCT (gypsum)	White Non-Fibrous Heterogeneous	7% Cellulose <1% Glass		93% Non-fibrous (other)	**None Detected**
122911-MS-5B *241200063-0017*	Servery- 2'x4' plain SCT (gypsum)	White Non-Fibrous Heterogeneous	4% Cellulose <1% Glass		96% Non-fibrous (other)	**None Detected**
122911-MS-6A *241200063-0018*	Blue common- Yellow carpet glue	Yellow Non-Fibrous Heterogeneous	2% Cellulose 3% Synthetic <1% Glass		95% Non-fibrous (other)	**None Detected**
122911-MS-6B *241200063-0019*	LL- Red- Yellow carpet glue	Yellow Non-Fibrous Heterogenecus	3% Cellulose 2% Synthetic <1% Glass		95% Non-fibrous (other)	**None Detected**
122911-MS-6C *241200063-0020*	PK common- Yellow carpet glue	Yellow Non-Fibrous Heterogeneous	4% Cellulose 2% Synthetic <1% Glass		94% Non-fibrous (other)	**None Detected**

Initial report from 01/10/2012 08:54:29

Analyst(s)

Todd Patrick (19)
William Shedrawy (9)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm esbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Scott Johnson**
ATC Associates, Inc
290 Roberts Street
East Hartford, CT 06108

Fax: (860) 282-9826 Phone: (860) 282-9924
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Received: 01/05/12 10:30 AM
EMSL Order: 241200063
EMSL Proj:
Analysis Date: 1/10/2012

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
122911-MS-7A *241200063-0021*	Blue common- 4" blue cove base	Blue Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
122911-MS-7B *241200063-0022*	PK common- 4" blue cove base	Blue Non-Fibrous Heterogeneous	<1% Fibrous (other)	100% Non-fibrous (other)	None Detected
122911-MS-7C *241200063-0023*	Café- 4" blue cove base	Blue Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
122911-MS-8A *241200063-0024*	Blue common- Adhesive for 4" blue cove base	White Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
122911-MS-8B *241200063-0025*	PK common- Adhesive for 4" blue cove base	White Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
122911-MS-8C *241200063-0026*	Café- Adhesive for 4" blue cove base	Tan Non-Fibrous Heterogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (other)	None Detected
122911-MS-9A *241200063-0027*	Blue hall- 2'x4' white pinhole fissured SCT	Tan/White Fibrous Heterogeneous	65% Cellulose 15% Min. Wool	20% Non-fibrous (other)	None Detected

Initial report from 01/10/2012 08:54:29

Analyst(s)

Todd Patrick (19)
William Shedrawy (9)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Scott Johnson**
ATC Associates, Inc
290 Roberts Street
East Hartford, CT 06108

Fax: (860) 282-9826 Phone: (860) 282-9924
Project: **61.38954.0008, WILTON SCHOOLS, MILLER SCHOOL, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200063

EMSL Proj:
Analysis Date: 1/10/2012

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
122911-MS-9B *241200063-0028*	Yellow hall- 2'x4' white pinhole fissured SCT	Tan/White Fibrous Heterogeneous	70% Cellulose 15% Min. Wool		15% Non-fibrous (other)	None Detected

Initial report from 01/10/2012 08:54:29

Analyst(s)

Todd Patrick (19)
William Shedrawy (9)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

241200063

ATC Associates, Inc.

290 Roberts Street, Suite 204,
East Hartford, Connecticut 06108
Ph. 860.282.9924 • Fax 860.282.9826

Asbestos Bulk Sample Form

Date: 12/28-12/30 Page 1 of 2

ATC Inspector: Steve Quyles	Client Name: Wilton Schools
Accreditation No.: 287	Project No./Task No.: 61.38954.0008
Survey Date: 12/28 - 12/30/11	Client Contact: Scott Johnson
Signature:	Requested Completion Date:
Laboratory Name: EMSL	Requested turnaround time (circle) 3 hrs. same day 24 hrs. 48 hrs. (3 days) 5 days 10 days
	No. Samples Collected _____ Analyzed _____
Building: Miller School	Address: Wilton, CT

Room	Material Description / Location	Type S/TSI/Misc	Estimated Amt.	Friable yes/no	Condition (SD D ND)	Possible Reason for Damage	Damage Potential (NPD PD PSD)	Sample _of_ (homogeneous matls)		Field Number
LC1-Red LL-Red Cafe	Joint Compound							1 2 3	5	122911-MS- 1A 1B 1C
PK Common Blue Common	Joint Compound							4 5	5	1D 1E
LC1-Red LL-Red Cafe	gypsum Board							1 2 3	5	2A 2B 2C
PK Common Blue Common	Gypsum Board							4 5	5	2D 2E
PK Common Blue Common	2'x4' SCT Worms & pinholes							1 2	2	3A 3B
LC1-Red Blue Common Red Common	2'x4' Textured SCT							1 2 3	3	4A 4B 4C
Kitchen Servery	2'x4' plain SCT (gypsum)							1 2	2	5A 5B

Comments (inaccessible areas, etc.):

Analyze via PLM positive Stop (except Joint Compound and Gypsum Board)

RECEIVED
JAN 05 2012
By 10:30 am

Notes
Damage Factors: Physical (sig dmg-dmg-no dmg); Water (extensive-moderate-slight-none); Deterioration (heavy-moderate-light-none); Friability (yes-no; hard-mod-soft surface)
Disturbance Factors: Proximity (<1ft- 1-6ft- >6ft); Accessibility (within reach-barely reachable-not reachable); Vibration (gym-music rm-auditorium-mechanical rm-elevator-other); Barriers (perm airtight-enclosed-encapsulated)
Ventilation (yes-no; if yes, type); Air conduits (air plenum - air shaft - elevator shaft - duct); Air movement (high-moderate-low); Texture (rough-pitted-moderate-smooth)

Relinquished By/Date: 12/28/11 Received By/Date:
Relinquished By/Date: Received By/Date:
Relinquished By/Date: Received By/Date:

241200063

ATC Associates, Inc.

290 Roberts Street, Suite 204,
East Hartford, Connecticut 06108
Ph. 860.282.9924 • Fax 860.282.9826

Asbestos Bulk Sample Form

Date: 12/28-12/30 Page 2 of 2

ATC Inspector: Steve Douglas
Accreditation No.: 287
Survey Date: 12/28 - 12/30/11
Signature: [signature]
Laboratory Name: EMSL

Client Name: Wilton Schools
Project No./Task No.: 61.38954.0008
Client Contact: Scott Johnson
Requested Completion Date:

Requested turnaround time (circle) 3 hrs. same day 24 hrs.
48 hrs. (3 days) 5 days 10 days

No. Samples Collected _____ Analyzed _____

Building:
Address: Wilton, CT

Room	Material Description / Location	Type S/TSI/Misc	Estimated Amt.	Friable yes/no	Condition (SD D ND)	Possible Reason for Damage	Damage Potential (NPD PD PSD)	Sample _of_ (homogeneous matls)		Field Number
Blue Common LL-Red PK Common	Yellow Carpet Glue							1 2 3	3	122911-MS- 6A 6B 6C
Blue Common PK Common Cafe	4" Blue Coebase							1 2 3	3	7A 7B 7C
Blue Common PK Common Cafe	Adhesive for 4" Blue Coebase							1 2 3	3	8A 8B 8C
Blue Hall Yellow Hall	2'x4' White Pinhole Fissured SLT							1 2	2	9A 9B

Comments (inaccessible areas, etc.):

Analyze Via PLM positive Stop

RECEIVED
JAN 05 2012
By [signature] 10:30am today

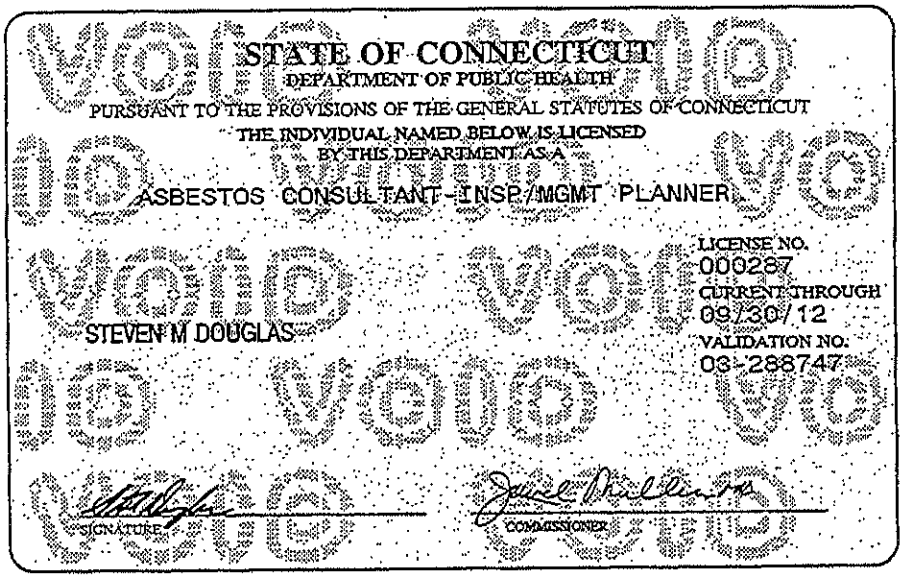
Notes
Damage Factors: Physical (sig dmg-dmg-no dmg)
Disturbance Factors: Proximity (<1ft- 1-6ft- >6ft)
Ventilation (yes-no; if yes, type)
Water (extensive-moderate-slight-none)
Accessibility (within reach-barely reachable-not reachable)
Air conduits (air plenum - air shaft - elevator shaft - duct)
Deterioration (heavy-moderate-light-none)
Vibration (gym-music rm-auditorium-mechanical rm-elevator-other)
Air movement (high-moderate-low)
Friability (yes-no; hard-mod-soft surface)
Barriers (perm airtight-enclosed-encapsulated)
Texture (rough-pitted-moderate-smooth)

Relinquished By/Date: [signature] 12/28/11
Relinquished By/Date: _____
Relinquished By/Date: _____

Received By/Date: _____
Received By/Date: _____
Received By/Date: _____

APPENDIX B

ATC INSPECTOR CERTIFICATION



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSP/MGMT PLANNER
LICENSE NO.
000287
CURRENT THROUGH
09/30/12
VALIDATION NO.
03-288747
STEVEN M DOUGLAS
VOID
SIGNATURE
COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

24 Hour Asbestos Site Inspector Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Kulig
Principal Instructor

April 9-11, 2007
Date of Course

April 11, 2008
Expiration Date

Gregory J. Tisnach
Regional Manager

SI-1291
Certificate Number

April 11, 2007
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Edward Holubiz

Principal Instructor

March 20, 2008

Date of Course

March 20, 2009

Expiration Date

Gregory J. Morsch

Regional Manager

SIAR-2709

Certificate Number

March 20, 2008

Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steve Douglas

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch

Principal Instructor

March 26, 2009
Date of Course

March 26, 2010
Expiration Date

Gregory J. Morsch

Regional Manager

SIAR-3077
Certificate Number

March 26, 2009
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the
Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Monack
Principal Instructor

March 25, 2010
Date of Course

March 25, 2011
Expiration Date

Gregory J. Monack
Regional Manager

SIAR-3448
Certificate Number

March 25, 2010
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Steven Douglas

has successfully completed the

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

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morash
Principal Instructor

March 24, 2011
Date of Course

March 24, 2012
Expiration Date

Gregory J. Morash
Regional Manager

SIAR-3821
Certificate Number

March 24, 2011
Examination Date

APPENDIX C

SITE DIAGRAMS
(not provided)

APPENDIX H

ASBESTOS ABATEMENT DOCUMENTATION

APPENDIX I

BUILDING FLOOR PLANS

N = Blue Core
PK = Black Core - Cafe Area
C = Red (used to be Reds)
S = Yellow
C = Red

Miller

Driscoll

Numbered Classrooms 26

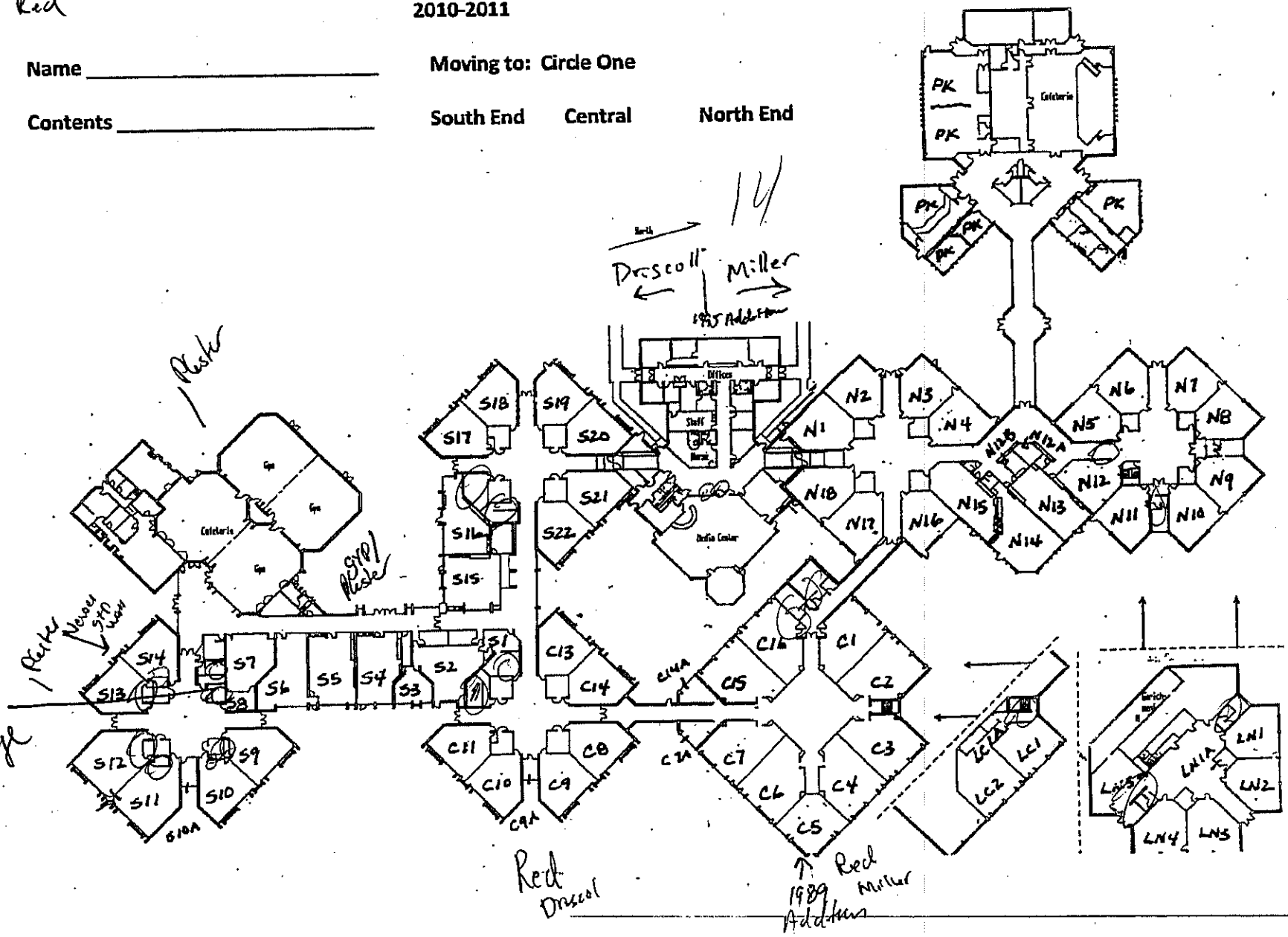
MILLER-DRISCOLL SCHOOL

2010-2011

Name _____ **Moving to: Circle One**

Contents _____ **South End** **Central** **North End**

14



APPENDIX J

INITIAL INSPECTION REPORT (1991)

M I L L E R S C H O O L

OF THE

WILTON SCHOOL DISTRICT

ASBESTOS HAZARD EMERGENCY RESPONSE ACT

ASBESTOS INSPECTION REPORT

AND

MANAGEMENT PLAN

AUGUST 4, 1991

Prepared by:

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.
POST OFFICE BOX 152
CROMWELL, CONNECTICUT 06416
(203) 345-3391

M I L L E R S C H O O L

OF THE

WILTON SCHOOL DISTRICT

ASBESTOS HAZARD EMERGENCY RESPONSE ACT

ASBESTOS INSPECTION REPORT

AND

MANAGEMENT PLAN

AUGUST 4, 1991

Prepared by:

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.
POST OFFICE BOX 152
CROMWELL, CONNECTICUT 06416
(203) 345-3391

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.

TABLE OF CONTENTS

I. INTRODUCTION

The Wilton School District is located in Southwestern Connecticut and provides the primary and secondary educational needs for the Town of Wilton. The combined school population is approximately 2,982 students in grades K through 12. The combined facility and staff population is approximately 197 full and part time employees.

In order to comply with the requirements of the United States Environmental Protection Agency's Asbestos Hazard Emergency Response Act (AHERA - 40 CFR Part 763) the Wilton Board of Education hired A. David Lynch of Connecticut Valley Technical Services, Inc. to perform a thorough field inspection of all of the Board of Education's facilities to identify all forms of friable and non friable asbestos containing materials. The results of this inspection combined with an Asbestos Management Program are presented in this document for:

MILLER SCHOOL

I.1 BUILDING DESCRIPTION

The Miller School physical plant consists of a single building complex originally constructed in 1964 (50,000sf). The building is made up of four instructional cores which have been tied together with corridors. The building is a single story structure, constructed using masonry walls, steel structural beams and a metal roof deck. There is a small basement area located under Core II which contains four classrooms. The building contains 18 Classrooms, a Gymnasium, a Cafeteria, a Kitchen, a Library, an Office Area and a Boiler Room. In 1990, Miller School was connected to Driscoll by a ten Classroom Addition. This addition is discussed in the Driscoll School Management Plan. The building is located at 217 Wolfpit Road, Wilton, CT.

The population of the facility is 328 students and 15 faculty and staff. The school is attended by students in the K thru 3 grades.

This report will be dealing only with the original 1964 complex, a total of 50,000 square feet.

Refer to Figure #1, the Building Floor Plan in Appendix E for the configuration of the building.

II. INSPECTION COMPLETED BEFORE DECEMBER 14, 1987

Note: Not Applicable

III. INSPECTION COMPLETED ON OR AFTER DECEMBER 14, 1987

A. Inspection Report - An inspection of Miller School was conducted according to Section 763.85 of 40 CFR Part 763 by Connecticut Valley Technical Services, Inc.

The inspection was conducted of the facility by A. David Lynch of Connecticut Valley Technical Services, Inc. on May 9, 1991.

I certify that I am the accredited inspector who did conduct the inspection of the Miller School in accordance with Section 763.85 of 40 CFR Part 763.

A. David Lynch — Date 8/4/91

The Accreditation Agency for this program is the State of Connecticut, Department of Health Services. Copies of the accreditation letter from the state and the required EPA approved training course certificates are included in Appendix A.

Accreditation Number: Not Applicable

B. Bulk Sample Locations - Various materials were sampled for ACM throughout the facility. Samples were collected on August 21, 1986.

Bulk sample locations are described in Table 2, on page 3 and are depicted in Figure # 2, in Appendix F.

Homogeneous Areas where suspected ACBM is assumed to be ACM are as follows:

- General Building — Floor Tile
- Kitchen — Exhaust Hood Insulation

C. The following is a list of the homogeneous areas in the facility that were identified as areas requiring bulk sampling.

Table # 1
Homogeneous Building Materials

Homogeneous Areas	Surfacing Material	Thermal Insulation	Misc. Material
General Building			
1x1 Textured Ceiling Tile			X
Plaster Pipe Joint Insulation		X	

TABLE # 2

Bulk Sample Results Summary - Miller School, Wilton, Ct.

Sample No.	Sample Location	Material Sampled	Asbestos Content
0886T-			
4007	Boiler Room	Pipe Joint Ins.	No asbestos Seen
4008	Lower Storage Room	Pipe Joint Ins.	No asbestos Seen
4009	Storage A-6	Pipe Joint Ins.	No asbestos Seen
4016	Boiler Room	1x1 Ceiling Tile	No Asbestos Seen
4017	Hallway by Kitchen	1x1 Ceiling Tile	No Asbestos Seen
4018	Room A-45	1x1 Ceiling Tile	No Asbestos Seen

D. Bulk samples were collected in the following manner:

- Misc. Materials - Ceiling Tiles - three bulk samples were taken randomly throughout each homogeneous area containing different types of ceiling tiles.

- Thermal Insulation - three samples were taken of Pipe Joint Insulation to confirm that the material was not ACM.

The bulk samples were collected by A. David Lynch of Connecticut Valley Technical Services, Inc.

I certify that I am the accredited inspector, who did collect the bulk samples at the Miller School in accordance with Section 763.86 of 40 CFR Part 763.

A. David Lynch — Date 8/4/91

The Accreditation Agency for this program is the State of Connecticut, Department of Health Services. Copies of the accreditation letter from the state and the required EPA approved training course certificates are included in Appendix A.

Accreditation Number: Not Applicable

III. INSPECTION COMPLETED ON OR AFTER DECEMBER 14, 1987 - Continued

E. Bulk Sample Analyses

Copies of the actual Laboratory Bulk Sample Analyses are contained in Appendix C of this document.

The Bulk Samples were analyzed on December 9, 1986 by the Connecticut State department of Health Services Laboratory, located at 10 Clinton Street in Hartford, Connecticut.

F. Assessments of all Friable ACBM, Friable suspected ACBM assumed to be ACM, and Thermal System Insulation. The detailed assessments are as follows:

* The Hood/Duct Insulation (48 Sq. Ft.) above the ceiling on the Exhaust Hood in the Kitchen is a magnesium block type insulation that is generally in an intact condition. There was some localized dust in the area when this area was exposed. This was cleaned up using a HEPA filtered vacuum cleaner. The Potential for Damage to this material does exist; however, this is limited, because of the location of the material.

The Asbestos Containing Areas within the facility are depicted in Figure # 3, in Appendix G.

The assessments were written by A. David Lynch of Connecticut Valley Technical Services, Inc.

I certify that I am the accredited inspector/ management planner, who wrote the attached assessments for the Miller School in accordance with Section 763.88 of 40 CFR Part 763.

A. David Lynch — Date 8/4/91

The Accreditation Agency for this program is the State of Connecticut, Department of Health Services. Copies of the accreditation letter from the state and the required EPA approved training course certificates are included in Appendix A.

Accreditation Number: Not Applicable

IV. DESIGNATED PERSON

A. The Designated Person for the Wilton Board of Education, with the responsibility to ensure that the duties of the local education agency as outlined in Section 763.84 of 40 CFR Part 763 are carried out is:

Mr. Jim Sullivan
Wilton Board of Education
Box 277
Wilton, Connecticut 06897
(203) 762-3381

B. Mr. Sullivan received the following training:

- Mystic Air Quality Consultants, Inc.- Asbestos Awareness and Operations and Management Course - February 14-15, 1989.
- Staff Training - a two hour training course from Connecticut Valley Technical Services, Inc. on June 27, 1989. The training course covered all of the material outlined in paragraph g.2, Section 763.83 of 40 CFR Part 763.

A Copy of Mr. Sullivan's training certificate is contained in Appendix B.

V. RESPONSE ACTION RECOMMENDATIONS

A. The following response action recommendations were made:

Item	Location	Recommendation
Hood/Duct Insul. (48 sq. ft.)	Kitchen	Place the area into an operations and maintenance plan.
Floor Tiles 10,000 sq.ft. (exposed) 30,000 sq. ft. (under carpet)	General Bldg.	Put floor tiles into an operations and maintenance program. As it becomes necessary to address floor tiles during new construction or renovations either have the floor tiles removed as a part of an asbestos abatement project or cover the existing floor tiles with another form of flooring material.

V. RESPONSE ACTION RECOMMENDATIONS

The management planner who made the recommendations was A. David Lynch of Connecticut Valley Technical Services, Inc.

I certify that I am the accredited inspector/ management planner, who wrote the attached assessments for the Miller School in accordance with Section 763.88 of 40 CFR Part 763.

A. David Lynch — Date 8/4/91

The Accreditation Agency for this program is the State of Connecticut, Department of Health Services. Copies of the accreditation letter from the state and the required EPA approved training course certificates are included in Appendix A.

Accreditation Number: Not Applicable

VI. RESPONSE ACTIONS

A. The following response actions will be instituted by the Board of Education:

Item	Location	Preventive Measures/Response Actions
Hood/Duct Ins. 48 sq. ft.	Kitchen	* Put Duct Insulation into an O&M Plan * Monitor Semi-Annually
Floor Tiles 10,000 sq.ft.	General Bldg.	* Put floor tiles into an operations and maintenance program. * Utilize wet cleaning methods * Monitor Semi-Annually

VII. ASSURANCE OF ACCREDITATION

The Wilton Board of Education will only use persons who have been accredited under the State of Connecticut's Contractor Accreditation Program to design and carry out the response actions (when and if this program is placed into effect).

VIII. ACBM REMAINING AFTER RESPONSE ACTIONS

The only ACBM remaining after the response actions are completed are the following:

- The Duct/Hood Insulation located above the ceiling in the Kitchen.
- Floor Tile throughout the facility, which is assumed to contain asbestos under the current Connecticut Department of Health Services directive.

IX. ACTIVITY PLANS

A. Every third year after their management plan is in effect, The Wilton Board of Education will have an accredited inspector reinspect all remaining friable and nonfriable known or assumed ACBM in each school building that they own, lease, or otherwise use as a school building.

B. Every six (6) months after their management plan is in effect, while there is ACBM still located in their facility, Mr. Jim Sullivan, the Designated Person will survey the areas where ACBM's have been previously located to insure that there has been no change in their condition.

C. Operations & Maintenance Plan

The Wilton Board of Education's Administration has decided that no Operations & Maintenance activities which require the disturbance of ACM will be performed by their employees. Only qualified asbestos abatement contractors will be used to disturb any ACM.

The management planner does not feel that any additional cleaning other than the required initial cleaning is necessary, because of the type and location of the ACM present and due to the fact that all friable thermal system insulation and asbestos containing sprayed on fireproofing have been removed during asbestos abatement projects in the summer of 1987.

The Wilton Board of Education agrees with the management planners additional cleaning recommendation.

LEA Representative _____ Dated 8-7-91

X. NOTIFICATIONS

A. Annually or upon employment, workers and building occupants will be given a copy of an Employee's Notification to inform them of the inspections/reinspections of the facilities, response actions chosen by the Board of Education, and post response action activities including periodic surveillance and reinspection activities.

Information on post-response surveillance and reinspection activities will be included in an annual update memorandum presented at the beginning of each school year.

B. The Wilton Parents, Teachers, and Employee Organizations will be notified of the availability of the Asbestos Management Program for their review.

A copy of the Notification is contained in Appendix D.

XI. RESOURCE EVALUATION

No additional resources are deemed necessary at this time, because of the previous asbestos abatement projects conducted during 1987, which removed all thermal system insulation and sprayed on fireproofing.

XII. NAMES AND SIGNATURE OF RESPONSIBLE PARTIES

A. Management Plan Consultant

The management plan was formulated by A. David Lynch of Connecticut Valley Technical Services, Inc.

I certify that I am the accredited management planner who did formulated the Management plan for the Miller School in accordance with 40 CFR Part 763.

A. David Lynch _____ Date 8/4/91

The Accreditation Agency for this program is the State of Connecticut, Department of Health Services. Copies of the accreditation letter from the state and the required EPA approved training course certificates are included in Appendix A.

Accreditation Number: Not Applicable

XII. NAMES AND SIGNATURE OF RESPONSIBLE PARTIES (Continued)

B. Designated Person Sign-Off

I certify that the general responsibilities required under section 763.84, 40 CFR, Part 763, dated October 30, 1987 have been met or will be met.

Jim Sullivan 8-7-91

Mr. Jim Sullivan Date
Designated Person, Wilton Board of Education

XIII. RECORDKEEPING

A. Preventive measure and response action taken since December 14, 1987.

None

B. Employee Training - A two hour employee familiarization training program was conducted for all maintenance and custodial employees by A. David Lynch of Connecticut Valley Technical Services, Inc. at Wilton High School on June 27, 1989. This classroom session was followed by a field session in which the actual asbestos containing materials in each school were pointed out to each building's respective custodial staff. The maintenance employees who operate in all facilities attended these sessions in all of the facilities.

C. Initial Cleaning - An initial cleaning was conducted Petco Insulation Company during an asbestos abatement project conducted during July and August 1987.

D. Operations and Maintenance Activities conducted since December 14, 1987.

None

E. Major Asbestos Abatement activity performed since December 14, 1987.

None.

F. Fiber Release Episodes since December 14, 1987.

None.

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.

APPENDIX A

INSPECTOR/MANAGEMENT PLANNER

ACCREDITATION DOCUMENTATION

con-test
WATER AND AIR ENGINEERING
39 Spruce Street
East Longmeadow, MA 01028

No. MPAR-0470

A. DAVID LYNCH

Has attended an 8 hour Annual Refresher Asbestos Training Course for Site Inspectors and Management Planners on May 22, 1991 and has passed a written examination.

Course topics covered include asbestos health hazards, respirators, government regulations, worker protection, Site Inspection and Bulk Sampling, Evaluation of the Site Survey and Hazard Assessment. Control Methods. the Management Plan.

Thomas E Veratti COURSE INSTRUCTORS

Thomas E. Veratti, Vice President
Certified Chemical Engineer
Industrial Hygienist

Brenda B. Bolduc
Brenda B. Bolduc
Training Dept. Manager

Expires May 22, 1992

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.

APPENDIX B

DESIGNATED PERSON

TRAINING CERTIFICATION

MYSTIC AIR QUALITY CONSULTANTS, INC.

1085 Buddington Road • Groton, Connecticut 06340

certifies that

JIM SULLIVAN

has successfully completed an intensive course of instruction in

Asbestos Awareness and Operations and Management

intended to meet the EPA AHERA 2-hour awareness and 14-hour operations and management training for maintenance and custodial personnel

215 AOM
Certificate Number

February 14-15, 1989
Date of Course

President

Training Coordinator

CONNECTICUT VALLEY TECHNICAL SERVICES, INC.

APPENDIX C

BULK SAMPLE/QUALITY CONTROL DOCUMENTATION

BULK SAMPLE LOG

Project: Wilton School District

Project No.: 0886T - 4001 thru 4018

Date: 8/21/86

Building: Miller School

Sampled By: A. David Lynch

Sample No.	Location	Material Samples	Condition	Results
4001 4002 4003	Boiler Room	Sprayed-on Fireproofing	Very Friable	5-15% Chrysotile Not tested Not tested
4004 4005 4006	Boiler Room	Boiler Breeching	Intact Damaged at Boiler Connection-Very Friable	20-40% Chrysotile Not tested Not tested
4007 4008 4009	Boiler Room Lower Storage A6 Storage	Pipe Elbow Insulation	2 - 4 Damaged	No asbestos seen No asbestos seen No asbestos seen
4010 4011 4012	Boiler Room	Wall Material	Non-friable	No asbestos seen No asbestos seen No asbestos seen
4013 4014 4015	Boiler Room - Exit Main Entry by GYM Entrance by CR 2	9 x 9 Floor Tile	Non-friable	No asbestos seen No asbestos seen No asbestos seen
4016 4017 4018	Boiler Room Hall - Entry to Kitchen A-45	1 x 1 Ceiling Tile	Non-friable	No asbestos seen No asbestos seen No asbestos seen
4019 4020 4021				
4022 4023 4024				
4025 4026 4027				
4028 4029 4030				

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

SEP 8 10 39 AM '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: Date Reported: 12/3/86 s-md

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2401 1207 -8	2401 1208 -6	2401 1209 -4	
Sample ID No.	0886T - 4001 *	0886T - 4002	0886T - 4003	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room	Boiler Room	Boiler Room	
Sample Appearance	Gray and white, fibrous	Not Tested	Not Tested	
Asbestos Present Type & Percent	5-15% Chrysotile asbestos			
Other Fibrous Material Present	40% Mineral Wool 3% Cellulose			
Percent Total Asbestos Present	5-15%			
Remarks				DEC 4 1986

CB2/F

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

SEP 8 10 39 AM '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: Date Reported: 12/3/86 sent

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2401 1210 -2	2401 1211 -3	2401 1212 -4	
Sample ID No.	0886T - 4004*	0886T - 4005	0886T - 4006	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room	Boiler Room	Boiler Room	
Sample Appearance	Gray, fibrous	not Tested	not Tested	
Asbestos Present Type & Percent	20-40% Chrysotile asbestos			
Other Fibrous Material Present	none			
Percent Total Asbestos Present	20-40%			
Remarks				DEC 4 1986

GB2/E

* NOTE: If first sample is positive, do not test the other two.

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

SEP 8 10 39 AM '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: Date Reported: 12/3/86 Sent

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2401 1213 -6	2401 1214 -4	2401 1210 -1	
Sample ID No.	0886T - 4007*	0886T - 4008	0886T - 4009	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room	Lower Level Storage Area	A6 Storage	
Sample Appearance	Light Gray, fibrous	Light Gray, fibrous	Light Gray fibrous	
Asbestos Present Type & Percent	No Asbestos Seen	No Asbestos Seen	No Asbestos Seen	
Other Fibrous Material Present	40% mineral wool	40% mineral wool	50% mineral wool	
Percent Total Asbestos Present	0%	0%	0%	
Remarks				DEC 4 1986

GB2/E
CHS 9/12/86

* NOTE: If first sample is positive, do not test the other two.

CONNECTICUT STATE DEPA[illegible]NT OF HEALTH SERVICES
LABORATORY DIVISION
10 CLINTON STREET, HARTFORD, CT 06106
ASBESTOS ANALYSIS DATA SHEET

SEP 8 10 40 AM '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: _____ Date Reported: 12/3/86 S-mf

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	* 2401 1216 -9	2401 1217 -7	2401 1218 -5	
Sample ID No.	0886T - 4010 *	0886T - 4011	0886T - 4012	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room	Boiler Room	Boiler Room	
Sample Appearance	White and Gray, cement-like	white and Gray compact cement	white and Gray compact cement	
Asbestos Present Type & Percent	No Asbestos Seen	No Asbestos Seen	No Asbestos Seen	
Other Fibrous Material Present	2% Cellulose	2% Cellulose	2% Cellulose	
Percent Total Asbestos Present	0%	0%	0%	
Remarks				DEC 4 1986

GB2/E

* NOTE: If first sample [illegible] do not test the other two.

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

SEP 8 10 4 1 '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: Date Reported: 12/3/86 Send

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	* 2401 1219 -3	2401 1220 -1	2401 1221 -2	
Sample ID No.	0886T - 4013	0886T - 4014	0886T - 4015	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room Exit	Main Entry by Gym	Entrance by Classroom #2	
Sample Appearance	Tan Floor Tile	Tan Floor Tile	Tan Floor Tile	
Asbestos Present Type & Percent	No Asbestos Seen	No Asbestos Seen	No Asbestos Seen	
Other Fibrous Material Present	3% Cellulose	1% Cellulose	2% Cellulose	
Percent Total Asbestos Present	0%	0%	0%	
Remarks				DEC 4 1986

GB2/E

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

SEP 8 10 40 AM '86

Report To: Dr. David F. Clune Address: 395 Danbury Road, Box 277, Wilton, CT 06897

Address of Specimen Collection: Miller School, 217 Wolfpit Road, Wilton, CT 06897

Date Collected: 8/21/86 Date Rec'd in Lab.: _____ Date Reported: 12/3/86 sml

Collected By: A. David Lynch Title: Director, Technical Services Organization: Connecticut Valley Technical Services

Bulk Sample - Analytical Method: PLM Dispersion Staining

Laboratory ID No.	2401 1222 -7	2401 1223 -5	2401 1224 -3	
Sample ID No.	0886T - 4016 *	0886T - 4017	0886T - 4018	
Building or Address	Miller School	Miller School	Miller School	
Location of Sample	Boiler Room	Hall - Entry to Kitchen	A45	
Sample Appearance	off-white, fibrous	off-white, fibrous	off-white, fibrous	
Asbestos Present Type & Percent	No Asbestos Seen	No Asbestos Seen	No Asbestos Seen	
Other Fibrous Material Present	40% Mineral Wool 10% Cellulose	40% Mineral Wool 5% Cellulose	40% Mineral Wool 5% Cellulose	
Percent Total Asbestos Present	0%	0%	0%	
Remarks				

GB2/E

* NOTE: If first sample is positive, do not test the ...

WILTON/ASBESTOS
TILFORD W. MILLER SCHOOL

BULK SAMPLE ANALYSIS RESULTS: Asbestos

Submitted to: Mr. Edward C. Desmond, Director of Management Services

Material Source: TILFORD W. MILLER SCHOOL, Wolfpit Rd. Report date: 1/2/84

SAMPLE DESCRIPTION	ASBESTOS CONTENT	OTHER COMPONENTS	SAMPLE NUMBER
Fireproofing, exposed, boiler room	10-12% chrysotile 3-4% amosite	Rock wool	103183707
Fireproofing, exposed, boiler room	10-12% chrysotile 3-4% amosite	Rock wool	103183708
Lagging, elbows, boiler room	Not detected	Rock wool	103183710
Ceiling tile, hallways	Not detected	Rock wool	103183711
Ceiling tile, classrooms	Not detected	Rock wool	103183712
Ceiling tile, classrooms	Not detected	Rock wool	103183713

STATE OF CONNECTICUT
DEPARTMENT OF HEALTH SERVICES
LABORATORY DIVISION

P.O. Box 1689, Hartford, Conn. 06144

RECEIVED
FEB 2 1 1985
ENVIRONMENTAL HEALTH SECTION
PREVENTABLE DISEASES DIVISION
DEPT. OF HEALTH SERVICES

REPORT OF LABORATORY EXAMINATION

Reported February 20, 1985

Specimen No. 43642-43650 Collector's No. 1 LL-9 LL Town of Wilton,Ct.

Report of Examination of Insulation Material

For Asbestos content Type %

Source Miller School

Collected by Ronald Skomro, Sr. Sanitarian

Collected on Feb. 14, 1985 hr. M. Rec'd Feb. 19, 1985 hr. 1330

Reason for Examination Survey

The examination gives the following results:

LAB NOS.	COLL. NOS.	LOCATION	RESULTS
43642	1 LL	Boiler room plaster elbow	No asbestos seen Mineral wool, crystals magnetic particles
43643	2 LL	Boiler room plaster elbow	No asbestos seen
43644	3 LL	Boiler room plaster elbow	No asbestos seen
43645	4 LL	Boiler breeching	20-40% Chrysotile asbes
43646	5 LL	Boiler breeching	Not tested
43647	6 LL	Boiler breeching	Not tested
43648	7 LL	Duplicating room core 2 plaster elbow	No asbestos seen Mineral wool, crystals magnetic particles
43649	8 LL	Duplicating room core 2 plaster elbow	No asbestos seen
43650	9 LL	Duplicating room core 2 plaster elbow	No asbestos seen

Note: If 1 LL is positive, do not test 2 LL or 3 LL
If 4 LL is positive, do not test 5 LL or 6 LL
If 7 LL is positive, do not test 8 LL or 9 LL

JESSE S. TUCKER Ph.D.
DIRECTOR

OL-202 (Rev. 1-78)
2/20/85

APPENDIX D

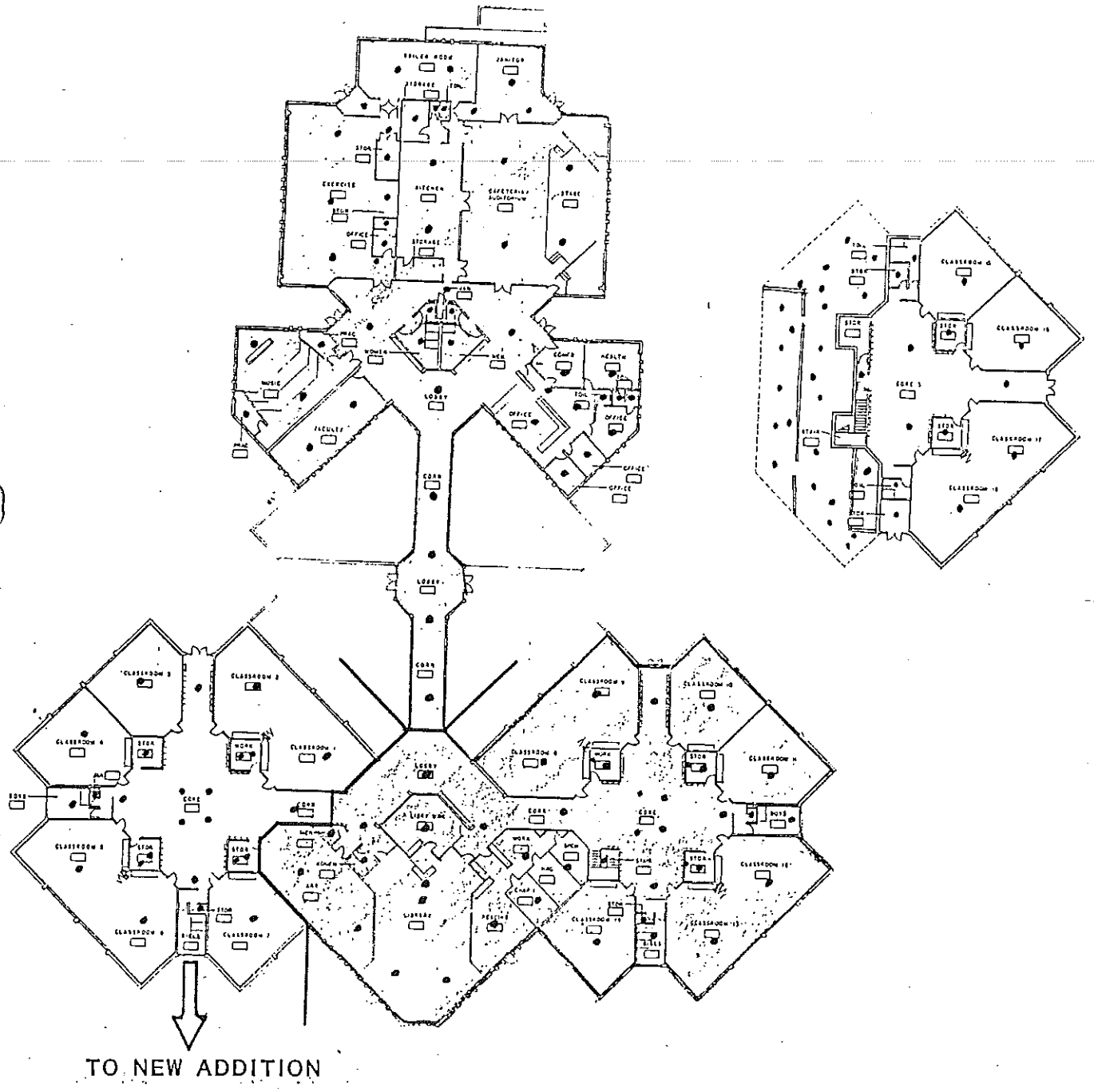
EMPLOYEE NOTIFICATION

NONE INCLUDED AT THIS TIME

FOR FUTURE USE

APPENDIX E

FIGURE # 1 - BUILDING FLOOR PLAN



MILLER SCHOOL (Figure 1)

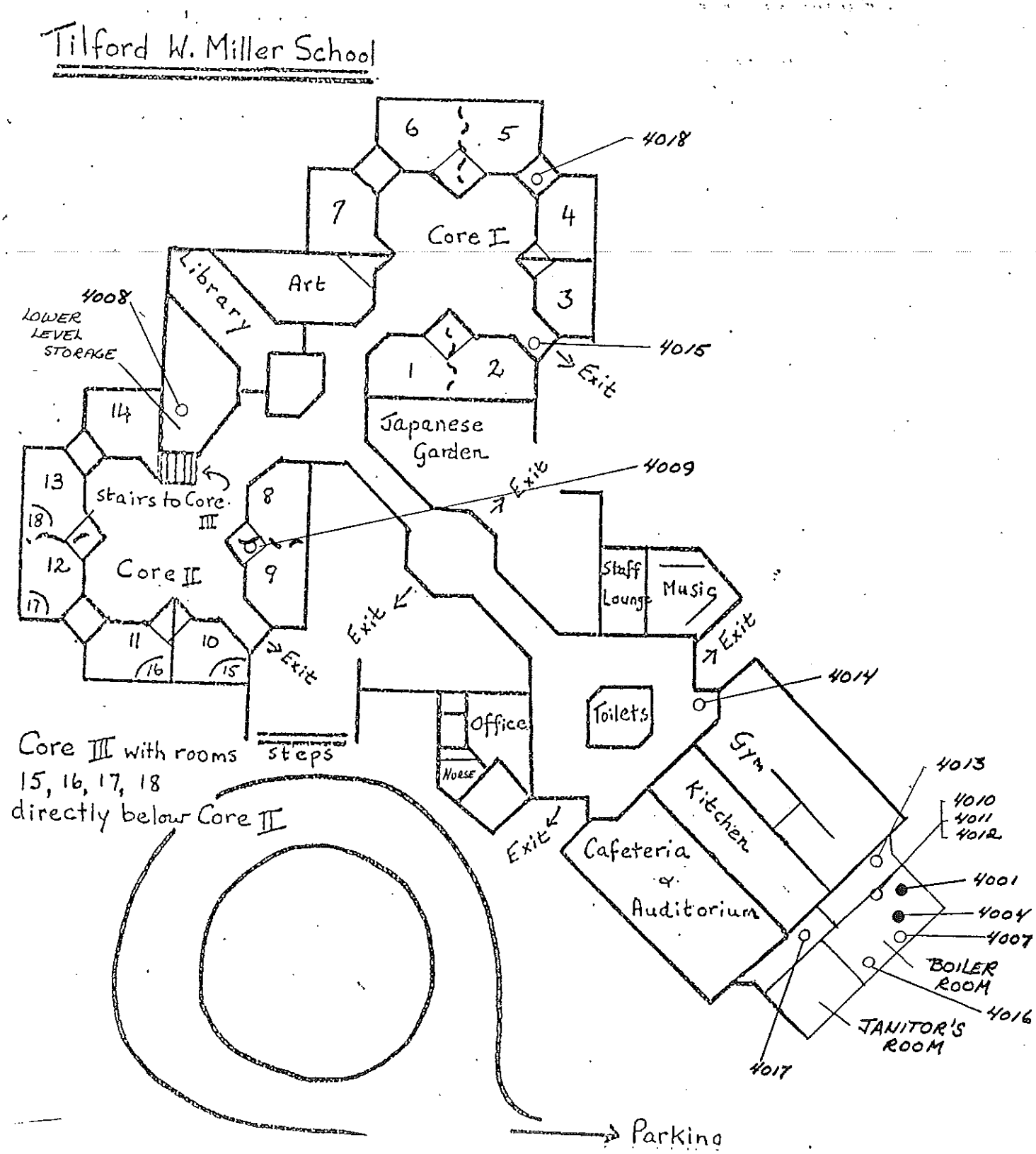
BUILDING FLOOR PLAN

APPENDIX F

FIGURE # 2 - BULK SAMPLE LOCATION PLAN

MILLER SCHOOL (Figure 2)

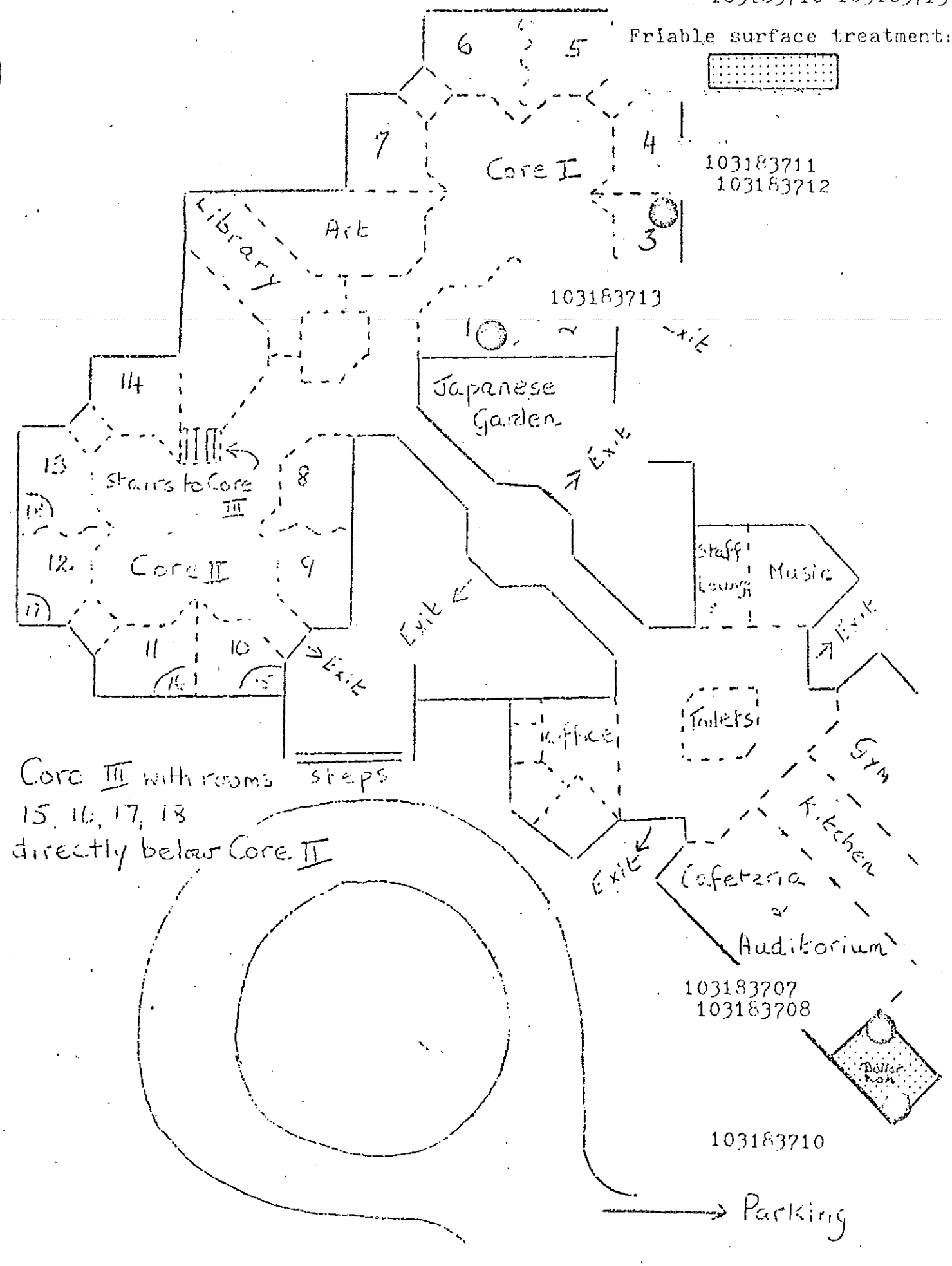
BULK SAMPLE LOCATION DIAGRAM



Tilford W. Miller School

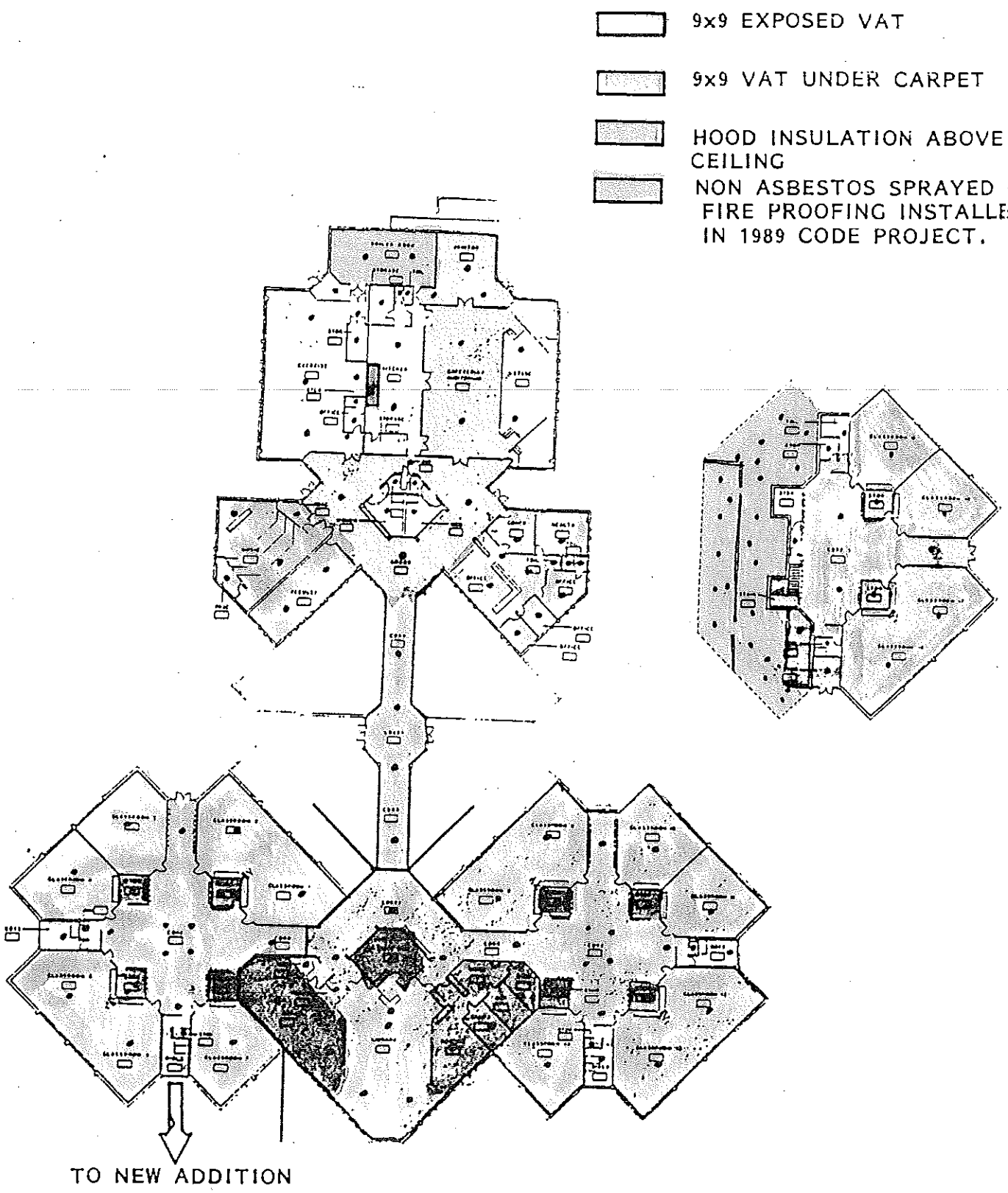
Samples:
103183707, 10318370
103183710-103183713

Friable surface treatment:



APPENDIX G

FIGURE # 3 - ASBESTOS LOCATION PLAN



MILLER SCHOOL (Figure 3)

ASBESTOS LOCATION DIAGRAM

STATE OF CONNECTICUT

DEPARTMENT OF HEALTH SERVICES

Three Year Reinspection Report

1. Local Educational Agency:

WILTON PUBLIC SCHOOLS
Name
395 DANBURY ROAD
Address
WILTON, CONNECTICUT 06897
Town
(203) 762-3381
Telephone

2. School(s):

Name	Initial Date Mgmt. Plan Implementation	Reinspection Date	Next 3-year Insp. Due Date
Wilton High School	8/8/91	1/17/94	1/17/97
Middlebrook School	8/8/91	1/17/94	1/17/97
Cider Mill School	8/8/91	1/17/94	1/17/97
Ina Driscoll School	8/8/91	1/17/94	1/17/97
Miller School	8/8/91	1/17/94	1/17/97

(if more space needed, please use reverse)

3. Inspector: A. David Lynch
Name

(list initial training and all refresher training courses, include name of training course providers, certification numbers, and expiration dates)

SEE ATTACHED SHEET

Note:
It is required that new custodial and maintence employees attend a (2) hr. asbestos awareness training program within 60 working days of employment. Documentation that such training has been provided must be included within the management plan.

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH AND ADDICTION SERVICES

the management plan.

AHERA Training for A. David Lynch

COURSE	PROVIDER	CERT. #	EXPIRATION DATE
Asbestos Site Inspector	Con-Test East Longmeadow, MA.	SI - 0049	January 27, 1989
Asbestos Management Planner	Con-Test	MP - 0047	January 29, 1989
Inspector/Mgmt. Planner Refresher	Con-Test	MPAR - 0073	June 1, 1990
Inspector/Mgmt. Planner Refresher	Con-Test	MPAR - 0274	May 18, 1991
Inspector/Mgmt. Planner Refresher	Con-Test	MPAR - 0470	May 22, 1992
Inspector/Mgmt. Planner Refresher	Con-Test	MPAR - 0634	May 4, 1993
nspector/Mgmt. Planner efresher	Con-Test	MPAR - 0799	June 15, 1994

Phone:
TDD: (203) 566-1279
150 Washington Street • Hartford, CT 06106
An Equal Opportunity Employer

Reinspection of ACBM: Findings and Management Planner Recommendations

School WILTON Building MILLER School Date(s) of Reinspection 1/17/94.

Homogeneous Sampling Area: Material Description FLOOR TILE - EXPOSED ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
JANITOR'S OFFICE	440 SQFT 9x9 WHITE VAT	F (NF)	X		Yes (No)	MAINTAIN IN O&M PROGRAM. INSPECT SEMI-ANNUALLY	ON GOING	
CAFETERIA	1,700 SQFT 9x9 WHITE VAT	F (NF)	X		Yes (No)	"	"	
CORRIDOR BY BOILER ROOM	220 SQFT 9x9 WHITE VAT	F (NF)	X		Yes (No)	"	"	

Were additional samples of this ACBM collected? Yes No

Date of management planner review:

Inspector name A. DAVID LYNCH

Inspector signature A. David Lynch

Accreditation #/State MPAR-0799

Expiration date JUNE 15, 1994

Management planner name A. DAVID LYNCH

Management planner signature A. David Lynch

Accreditation #/State MPAR - 0799

Expiration date JUNE 15, 1994.

I, the LEA's Designated Person, have read and understood the recommendations made above: [signature] Date: 3/15/94

Scho WILTON Building MILLER School Date(s) of Reinspection 1/17/94

Homogeneous Sampling Area: Material Description FLOOR TILE - EXPOSED ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
MAIN ENTRANCE LOBBY.	2500 SQ FT 9X9 WHITE VAT	F (NF)	X		Yes (No)	MAINTAIN IN O&M PROGRAM. INSPECT SEMI-ANNUALLY.	ON GOING	
LIBRARY WORK ROOM.	400 SQ FT 9X9 WHITE VAT	F (NF)	X		Yes (No)	"	"	
SPECIAL ED SUPPORT SERVICES AREA.	1,500 SQ FT 9X9 WHITE VAT	F (NF)	X		Yes (No)	"	"	
ART ROOM	1,000 SQ FT 9X9 WHITE VAT	F (NF)	X		Yes (No)	"	"	
WEST CORE STORE/WORK ROOM	400 SQ FT 9X9 VAT	F (NF)	X		Yes (No)	"	"	
EAST CORE STORE/WORK ROOM	400 SQ FT 9X9. VAT	F (NF)	X		Yes (No)	"	"	

Reinspection of ACBM: Findings and Management Planner Recommendations

School WILTON Building MILLER School Date(s) of Reinspection 1/17/99

Homogeneous Sampling Area: Material Description FLOOR TILE - EXPOSED ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
BASEMENT STORE ROOMS	200 SQ FT 9X9 VAT	F / (NF)	X		Yes / (No)	MAINTAIN IN O&M PROGRAM. INSPECT SEMI-ANNUALLY.	ON GOING	
EAST BASEMENT VESTIBULE	220 SQ FT 9X9 WHITE VAT	F / (NF)	X		Yes / (No)	"	"	
SOUTH BASEMENT VESTIBULE	230 SQ FT WHITE 9X9 VAT	F / (NF)	X		Yes / (No)	"	"	
STAIR WAY LANDING.	60 SQ FT 9X9 WHITE VAT	F / (NF)	X		Yes / (No)	"	"	
		F / NF			Yes / No			
		F / NF			Yes / No			

Reinspection of ACBM: Findings and Management Planner Recommendations

School WILTON Building MIDDLE SCHOOL Date(s) of Reinspection 1/17/94

Homogeneous Sampling Area: Material Description FLOOR TILE - COVERED BY CARPET ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
CLASSROOMS & CORRIDORS SEE ATTACHED FLOOR PLAN	≈22,000 SQ FT CARPET OVER 9x9 WHITE TILE	F / (NF)	X		Yes / (No)	MAINTAIN IN O & M PROGRAM. REMOVE FLOOR TILE WHEN CARPET IS CHANGED.	ONGOING	
		F / NF			Yes / No			
		F / NF			Yes / No			
		F / NF			Yes / No			
		F / NF			Yes / No			
		F / NF			Yes / No			

Reinspection of ACBM: Findings and Management Planner Recommendations

School WILTON Building MILLER SCHOOL Date(s) of Reinspection 1/17/99

Homogeneous Sampling Area: Material Description THERMAL SYSTEM INSULATION ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7, X)	Justification of assessment category	Change in assessment	Preventive measures, response actions, and initial/additional cleanings	Schedule: Begin	Schedule: Complete
KITCHEN	48 SQ FT OF HOOD DUCT INSULATION	(F) NF	5	THERE IS A POTENTIAL FOR DAMAGE. HOWEVER, THIS IS NOT LIKELY BECAUSE OF LOCATION	Yes (No)	MAINTAIN IN O&M PROGRAM. INSPECT SEMI-ANNUALLY.	ONGOING	
		F NF			Yes No			
		F NF			Yes No			
		F NF			Yes No			
		F NF			Yes No			
		F NF			Yes No			

MILLER SCHOOL
217 WOLFPIT ROAD
WILTON, CONNECTICUT 06897

AHERA - SEMI-ANNUAL INSPECTION

DATE: JULY 15 93

INSPECTOR: JIM SULLIVAN (Printed Name) SIGNATURE: Jim Sullivan

LOCATION	ACBM TYPE	OBSERVED CONDITION	RESPONSE ACTION	COMMENTS
KITCHEN	HOOD/DUCT INSULATION LOCATED BEHIND STAINLESS STEEL PANELS (48 SQ.FT.)	INTACT	MAINTAIN IN O & M PROGRAM	
GENERAL BUILDING	FLOOR TILES (10,000 SQ.FT.)	INTACT	11	

N/C = NO CHANGE, CONTINUE MONITORING IN AN OPERATIONS AND MAINTENANCE PROGRAM.

MILLER SCHOOL
217 WOLFPIT ROAD
WILTON, CONNECTICUT 06897

AHERA - SEMI-ANNUAL INSPECTION

DATE: JAN 13 1993

INSPECTOR: JIM SULLIVAN (Printed Name) SIGNATURE: Jim Sullivan

LOCATION	ACBM TYPE	OBSERVED CONDITION	RESPONSE ACTION	COMMENTS
KITCHEN	HOOD/DUCT INSULATION LOCATED BEHIND STAINLESS STEEL PANELS (48 SQ.FT.)	INTACT	MAINTAIN IN O AND M PROGRAM	
GENERAL BUILDING	FLOOR TILES (10,000 SQ.FT.)	INTACT	"	

N/C = NO CHANGE, CONTINUE MONITORING IN AN OPERATIONS AND MAINTENANCE PROGRAM.

MILLER SCHOOL
217 WOLFPIT ROAD
WILTON, CONNECTICUT 06897

AHERA - SEMI-ANNUAL INSPECTION

DATE: JULY 14TH 1992

INSPECTOR: JIM SULLIVAN
(Printed Name)

SIGNATURE: _____

LOCATION	ACBM TYPE	OBSERVED CONDITION	RESPONSE ACTION	COMMENTS
KITCHEN	HOOD/DUCT INSULATION LOCATED BEHIND STAINLESS STEEL PANELS (48 SQ.FT.)	INTACT	NONE	
GENERAL BUILDING	FLOOR TILES (10,000 SQ.FT.)	INTACT	NONE	

N/C = NO CHANGE, CONTINUE MONITORING IN AN OPERATIONS AND MAINTENANCE PROGRAM.

MILLER SCHOOL
217 WOLFPIT ROAD
WILTON, CONNECTICUT 06897

AHERA - SEMI-ANNUAL INSPECTION

DATE: JAN 8 1992

INSPECTOR: Jim Sullivan
(Printed Name)

SIGNATURE: Jim Sullivan

LOCATION	ACBM TYPE	OBSERVED CONDITION	RESPONSE ACTION	COMMENTS
KITCHEN	HOOD/DUCT INSULATION LOCATED BEHIND STAINLESS STEEL PANELS (48 SQ.FT.)	INTACT	O AND M Program	
GENERAL BUILDING	FLOOR TILES (10,000 SQ.FT.)	INTACT	"	

N/C = NO CHANGE, CONTINUE MONITORING IN AN OPERATIONS AND MAINTENANCE PROGRAM.

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CONNECTICUT 06897

AHERA - SEMI-ANNUAL INSPECTION

DATE: JULY 14TH 1998

INSPECTOR: JIM SULLIVAN
(Printed Name)

SIGNATURE: Jim Sullivan

LOCATION	ACBM TYPE	OBSERVED CONDITION	RESPONSE ACTION	COMMENTS
GENERAL BUILDING	CEMENT CEILING ACOUSTICAL TREATMENT (100,000 SQ.FT.)*	NON FRIABLE INTACT	N/A	
GENERAL BUILDING	FLOOR TILES (20,000 SQ.FT.)	NON FRIABLE INTACT	N/A	

N/C = NO CHANGE, CONTINUE MONITORING IN AN OPERATIONS AND MAINTENANCE PROGRAM.

Copy

▼ BROOKS ▼

LABORATORIES

9 Isaac Street
Norwalk, Connecticut 06850
Tel: (203) 853-9792

Certificate of Achievement

presented to

Ivan Johnson
047-40-3331

on successfully completing the course

AHERA MANAGEMENT PLANNER REFRESHER
EPA ACCREDITED UNDER SECTION 206 OF TSCA

this 16th *day of* January *in the year* 1995

certificate number 019508001 *expiration date* January 16, 1996

Mark L. Maurelli
Signature of Training Director

Margaret Y. Brooks
Signature of President

COPY

▼ BROOKS ▼
LABORATORIES
9 Isaac Street
Norwalk, Connecticut 06850
Tel: (203) 853-9792

Certificate of Achievement

presented to
Ivan Johnson
047-40-3331

on successfully completing the course

AHERA BUILDING INSPECTOR REFRESHER
EPA ACCREDITED UNDER SECTION 206 OF TSCA

this 16th *day of* January *in the year* 1995

certificate number 019506001 *expiration date* January 16, 1996

Mark L. Crawley
Signature of Training Director

Margaret J. Brooks
Signature of President

WILTON PUBLIC SCHOOLS

BOX 277 · WILTON, CONNECTICUT 06897 · (203) 762-3381

ELIZABETH A. QUINN
Administrator for Personnel and General Administration

February 8, 1994

Ivan Johnson
Plant Manager
Wilton High School

Dear Ivan:

Congratulations on having completed your asbestos training as an Asbestos Building Inspector and Asbestos Management Planner at the training course at Brooks Attra Laboratories on January 24-28, 1994.

This is to inform you that you have been assigned as "Designated Person" for the Wilton Board of Education with the responsibility to ensure that the duties, as outlined in Section 763.84 of 40 CFR Part 763 are carried out.

Looking forward to working with you, as needed in the asbestos arena!

Sincerely,

Elizabeth A. Quinn
Administrator for Personnel

BROOKS ▼ ATTRA
LABORATORIES

File Copy

February 4, 1994

Mr. Ivan Johnson
Wilton High School
395 Danbury Rd.
Wilton, CT 06897

RE: Asbestos Training Wilton,
January 24 - 28, 1994

Dear Mr. Johnson,

Congratulations. You have successfully completed the Asbestos Building Inspector and Asbestos Management Planner training course conducted by Brooks-Attra Laboratories, Inc. on January 24 - 28, 1994. The enclosed certificates are issued as proof of the documented completion of the training programs.

It was a pleasure having you attend this program and we wish you success in your future application of the training.

Regards,

J. Kevin Attra

Encl.(2)
JKA:aed

▼
Training
Laboratory Services
Environmental and Safety Consultants

9 Isaac Street ▼ Norwalk, Connecticut 06850 (203) 853-9792 ▼ CT Wats: (800) 843-1631 ▼ Fax: (203) 853-0273

BROOKS ▼ ATTRA

LABORATORIES

9 Isaac Street
Norwalk, Connecticut 06850
Tel: (203) 853-9792

Certificate of Achievement

presented to

Ivan J. Johnson

047-40-3331

on successfully completing the course

AHERA MANAGEMENT PLANNER

EPA ACCREDITED UNDER SECTION 206 OF TSCA

this ~~28th~~ *day of* January *in the year* 1994

certificate number 019402005 *expiration date* 1/28/95

Signature of Training Director

Signature of President

BROOKS ▼ ATTRA

LABORATORIES

9 Isaac Street
Norwalk, Connecticut 06850
Tel: (203) 853-9792

Certificate of Achievement

presented to

Ivan J. Johnson

047-40-3331

on successfully completing the course

AHERA BUILDING INSPECTOR

EPA ACCREDITED UNDER SECTION 206 OF TSCA

this 26th *day of* January *in the year* 1994

certificate number 019405005 *expiration date* 1/26/95

Signature of Training Director

Signature of President

MYSTIC AIR QUALITY CONSULTANTS, INC.

1085 Buddington Road • Groton, Connecticut 06340

certifies that

JIM SULLIVAN

has successfully completed an intensive course of instruction in

Asbestos Awareness and Operations and Management

intended to meet the EPA AHERA 2-hour awareness and 14-hour operations and management training for maintenance and custodial personnel

215 AOM
Certificate Number

February 14-15, 1989
Date of Course

President

Training Coordinator

WILTON ASBESTOS TRAINING
June 27, 1989

NAME	S-S-N	SCHOOL
Ralph DeLuca	045-20-7991	Wilton High School
Fred Collis	047-42-0796	Wilton High School
Alonzo Fair	043-30-2393	Wilton High School
Cesar Jimenez	043-76-2407	Wilton High School
Lorenzo Melendez	566-71-9020	Wilton High School
Jose Melendez	539-52-7106	Wilton High School
Ramon Martinez	040-72-3549	Wilton High School
Edgardo Suarez	327-46-9642	Wilton High School
Adrian Gonzalez	585-57-5465	Wilton High School
Victor Callirgos	041-70-1957	Wilton High School
Nruce Twigg	048-22-3612	Cider Mill
Joseph Cioffi	104-20-5164	Cider Mill
Daniel Herbst	056-26-3968	Miller/Driscoll
John Tully		Wilton High School
Edward Miner	008-32-6625	Middlebrook School
Humberto Vasquez	584-44-6197	Middlebrook School
Charles Smith	231-12-5675	Middlebrook School
Kenneth Gray	240-72-4507	Wilton High School
William Fry	048-64-7709	Driscoll School
Jim Sullivan		District
David Hyvarinen	048-42-7446	Wilton High School
Carmen Ciambriello	049-22-3750	Miller School
Milan Benca	464-63-2772	Miller School
Raymond Johnson	047-16-7086	Central Office
Mark Festo	049-54-4858	Driscoll School
Tulsa Read	044-48-6031	Cider Mill School
Fred Kurmai	049-56-5430	Cider Mill School
Brenda Kurmai	063-60-5068	Middlebrook School
Les Stuart	048-32-1716	Cider Mill School
Daniel Moniz	031-26-4030	Cider Mill School
Jack Droney	094-24-0790	Central Office
Joan Tucker	042-34-7608	Wilton High School

WILTON ASBESTOS TRAINING 6/27/87

Name	SSAN	School
Ralph DeLock	045-20-7991	W. H. S.
Fred Colt	047-42-0796	WHS
Ece Fair	043-30-7393	WHS
Cesar A Jimenez	043-76-2407	WHS.
Jose Melendes	539-52-7106	WHS
Lorenzo Melendez	556-71-9020	WHS
Ramon A. Martinez	040-72-3549	W.H.S
Edgardo Suarez	327-46-9642	W.H.S.
Adrian Gonzalez	585-57-5465	W.H.S.
Victor R. Calligas	041-70-1957	WH-S
Bruce Twigg	048-22-3612	Cidermil
Joseph Ciotti	104-20-5164.	CIDERMIL
Daniel Y. Herbst	056-26-3968	Miller Driv
John Tully		High Schoo
Edward Miner	008-32-6625	Middle Brook
Humberto Vazquez	584-44-6197	Middle Brook
Charles E. Smith	231-12-5675	Middle Brook
Kenneth Gray	240-72-4507	High School
William E Fry Jr	048-64-7709	Driscoll School
Jim Sullivan		District

WILTON HS BESTOS TRAINING 6/27/89

NAME	SSAN	School
DAVID HYVARINEN	048-42-7446	HIGH
Carmen P. Lambriello	049-22375C	Miller
Al Peele	241-62-5771	MILLER
MILAN BENCA	464-63-2772	MILLER
Raymond Johnson	047-16-7086	central office
Mark Peto	049-54-4858	Driscoll
TULSA READ	044-48-6031	Cider Mill
Fred Kurmo	049-56-5430	Cider mill
Brenda Kurmai	063-60-5068	Middlebrook
LES STUART	048-72-1716	Cider Mill
DANIEL MONIZ	031-26-4030	CIDER-MILL
JACK DRONEY	094-240-0790	CENTRAL OFFICE
Joan Tucker	042-34-7608	High School

APPENDIX K

PERIODIC SURVEILLANCE (6 MONTH INSPECTIONS)

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

Note: Areas changed color origin and room numbers since last re-inspection. Verify material in identified rooms before any assumption. Cafeteria Wing changed to Black Core, Yellow Core changed to Blue Core, and Peach Core changed to Red Core, all with rearranged room numbers.

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Spray-on fireproofing insulation	**Cafeteria wing**: Boiler room (also, 2 sq. ft. overspray on wall); **Lower level below** Peach Core: Pump/elec. closet; **Lower Level below Yellow Core**: Central storage and supply rooms; **Peach Core**: Classrooms 3 thru 6A, Central common area;	**Black Core**: Boiler room (also, 2 sq. ft. overspray on wall); **Lower level below Red Core**: Pump/elec. closet; **Lower Level below Blue Core**: Central storage and supply rooms; **Red Core**: Classrooms 1 thru 5, Central common area;	No damage		*Known*
Wall plaster-skim coat	**Lower Level below Yellow Core**: Custodial closet, Art supply room and storage next to Central storage room, Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Storage/mechanical rooms 4 and 5, Central common area and Hallways, Classrooms 1 thru 10, Game room, Language room , Psychology office, Speech room; **Cafeteria wing:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Yellow Core**: Storage (elec/mech) rooms 1 thru 3, Classrooms 11 thru 18A; Central Common Area	**Lower Level below Blue Core**: Custodial closet, Art supply room and storage next to Central storage room, Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Storage/mechanical rooms 1 and 18, Central common area and Hallways, Classrooms 1 thru 4 and 13-18, Game room, Language room , Psychology office, Speech room; **Black Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Blue Core**: Storage (elec/mech) rooms 2 thru 4, Classrooms 5 thru 12; Central Common Area	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Wall plaster-base coat	**Lower Level below Yellow Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 4 and 5, Central common area and Hallways, Classrooms 1 thru 10, Game room, Language room , Psychology office, Speech room; **Cafeteria wing:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Yellow Core:** Storage (elec/mech) rooms 1 thru 3, Classrooms 11 thru 18A; Central Common Area	**Lower Level below Blue Core:** Custodial closet, Art supply room and storage next to Central storage room, Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Storage/mechanical rooms 1 and 18, Central common area and Hallways, Classrooms 1 thru 4 and 13-18, Game room, Language room , Psychology office, Speech room; **Black Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms, Custodial closet, Kindergarten rooms K1 and K2; **Blue Core:** Storage (elec/mech) rooms 2 thru 4, Classrooms 5 thru 13; Central Common Area	No damage		*Assumed*
Ceiling plaster-textured white	**Cafeteria wing:** Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Yellow Core:** Custodial closet; Girl's and Boy's Bathrooms; **Blue Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	**Black Core:** Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Blue Core:** Custodial closet; Girl's and Boy's Bathrooms; **Blue Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Ceiling plaster-base coat	**Cafeteria wing:** Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Yellow Core:** Custodial closet; Girl's and Boy's Bathrooms; **Blue Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	**Black Core:** Custodial closet(above SCT), Boy's and Girl's bathrooms Faculty men's and women's bathrooms; **Lower Level below Blue Core:** Custodial closet; Girl's and Boy's Bathrooms; **Blue Core:** Faculty men's and women's bathrooms, Boy's and Girl's bathrooms;	No damage		*Assumed*
9"x9" White w/gray streaks vinyl floor tile	***Cafeteria wing**: Custodian room and hallway;*	***Black Core**: Custodian room and hallway;*	No damage		*Abated 2008*
Mastic under 9"x9" White w/gray streaks vinyl floor tile	***Cafeteria wing**: Custodian room and hallway;*	***Black Core**: Custodian room and hallway;*	No damage		*Abated 2008*
2" Ceramic tile floor setting compound	**Blue Core:** Faculty men's and women's bathrooms; **Cafeteria wing:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Peach Core:** Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Yellow Core:** Boy's and Girl's bathrooms; **Lower level below Peach Core:** Bathroom;	**Blue Core:** Faculty men's and women's bathrooms; **Black Core:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Red Core:** Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Blue Core:** Boy's and Girl's bathrooms; **Lower level below Red Core:** Bathroom;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
2" Ceramic floor tile grout	**Blue Core**: Faculty men's and women's bathrooms; **Cafeteria wing:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Peach Core**: Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Yellow Core**: Boy's and Girl's bathrooms; **Lower level below Peach Core**: Bathroom;	**Blue Core**: Faculty men's and women's bathrooms; **Black Core:** Faculty men's and women's bathrooms, Kitchen staff bathroom/locker room, Boy's and Girl's bathrooms; **Red Core**: Faculty bathroom; Boy's and Girl's bathrooms; **Lower Level below Blue Core**: Boy's and Girl's bathrooms; **Lower level below Red Core**: Bathroom;	No damage		*Assumed*
9"x9" Green w/dark green streaks vinyl floor tile	**Blue Core**: Storage/mechanical rooms 4 and 5, Central common area and Hallways, Speech room; **Lower Level below Yellow Core**: Art supply room and Storage next to Central storage room; **Yellow Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Cafeteria Wing**: Room off K1, Kindergarten 2	**Blue Core**: Storage/mechanical rooms 1 and 18, Central common area and Hallways, Speech room; **Lower Level below Blue Core**: Art supply room and Storage next to Central storage room; **Blue Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Black Core**: Room off K1, Kindergarten 2	No damage		*Known ACM* (Cafeteria Custodian Office, adjacent Hallway, and Kindergarten Exit Vestibule was Abated in 2008) Blue Core: 50% removed/replaced w/12"x12" gray vinyl floor tile in Storage/mechanical room 4

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Mastic under 9"x9" Green w/dark green streaks vinyl floor tile	**Blue Core**: Storage/mechanical rooms 4 and 5, Central common area and Hallways, Speech room; **Lower Level below Yellow Core:** Art supply room and Storage next to Central storage room; **Yellow Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Cafeteria Wing**: Room off K1, Kindergarten 2	**Blue Core**: Storage/mechanical rooms 1 and 18, Central common area and Hallways, Speech room; **Lower Level below Blue Core:** Art supply room and Storage next to Central storage room; **Blue Core**: Storage (elec/mech) rooms 1 thru 3, Central common area and Hallways, Staircase; **Black Core**: Room off K1, Kindergarten 2	No damage		*Known ACM* (Cafeteria Custodian Office, adjacent Hallway, and Kindergarten Exit Vestibule was Abated in 2008)
9"x9" Green w/brown vinyl floor tile	**Cafeteria wing**: Meeting room/office off cafeteria;	**Black Core**: Meeting room/office off cafeteria;	No damage		*Known ACM*
Mastic under 9"x9" Green w/brown vinyl floor tile	**Cafeteria wing**: Meeting room/office off cafeteria;	**Black Core**: Meeting room/office off cafeteria;	No damage		*Known ACM*
Mastic under wood floor	**Cafeteria wing**: Meeting room/office off cafeteria, Kindergarten rooms K1 and K2;	**Black Core**: Meeting room/office off cafeteria, Kindergarten rooms K1 and K2;	No damage		*Assumed*
Felt paper under wood floor	**Cafeteria wing**: Meeting room/office off cafeteria, Kindergarten rooms K1 and K2,	**Black Core**: Meeting room/office off cafeteria, Kindergarten rooms K1 and K2,	No damage		*Assumed*
12"x12" White w/gray streaks vinyl floor tile	**Yellow Core**: Art supply closet; **Blue Core:** Classroom 8;	**Blue Core**: Art supply closet; **Blue Core:** Classroom 15;	No damage		*Assumed*
Mastic under 12"x12" White w/gray streaks vinyl floor tile	**Yellow Core**: Art supply closet; **Blue Core**: Classroom 8;	**Blue Core**: Art supply closet; **Blue Core:** Classroom 15;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Interior window frame caulking	**Cafeteria Wing**: Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room Kindergarten rooms K1 and K2, **Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Lower level below Peach Core**: Classrooms 9 and 10, Storage, Hallway; **Peach Core**: Classrooms 3 thru 6A, Central common area; **Yellow Core**: Classrooms 11 thru 18A, Central Common Area;	**Black Core**: Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room Kindergarten rooms K1 and K2, **Blue Core**: Classrooms 1 thru 4 and 13-18, Game room, Language room; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Lower level below Red Core**: Classrooms 1 and 2, Storage, Hallway; **Red Core**: Classrooms 1 thru 5, Central common area; **Blue Core**: Classrooms 5 thru 13, Central Common Area;	No damage		*Assumed*
Black brick wall sealer	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Cafeteria Wing**: Central common area, Room off K1, Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core**: Classrooms 11 thru 18A;	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Black Core**: Central common area, Room off K1, Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Classrooms 5 thru 13;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Interior window glazing	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Cafeteria Wing:** Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room, Kindergarten rooms K1 and K2; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core:** Classrooms 11 thru 18A, Central Common Area;	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Black Core:** Classrooms 22, 23(Art), Music room w/offices 1 & 2, Reading room, Kindergarten rooms K1 and K2; **Lower Level below Blue Core:** Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core:** Classrooms 5 thru 12, Central Common Area;	No damage		*Assumed*
Chalkboard/bulletin board glue	**Blue Core:** Classrooms 1 thru 10, Game room, Language room; **Lower level below Peach Core:** Classrooms 9 and 10, Storage, Hallway; **Peach Core:** Classrooms 3 thru 6A, Central common area; **Yellow Core:** Classrooms 11 thru 18A; **Lower Level below Yellow Core:** Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Cafeteria Wing:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	**Blue Core:** Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower level below Red Core:** Classrooms 1 and 2, Storage, Hallway; **Red Core:** Classrooms 1 thru 5, Central common area; **Blue Core:** Classrooms 5 thru 12; **Lower Level below Blue Core:** Classrooms 1 thru 5, Reading room, Kindergarten room K3 and Central common area; **Black Core:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Transite chalkboard attached w/glue	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core**: Classrooms 11 thru 18A; **Cafeteria Wing:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Classrooms 5 thru 12; **Black Core:** Central Common Area, Room off of K1, Classrooms 22, 23, Music Room, and Reading Rooms;	No damage		Some could be White Board *Assumed*
Gray/Black sink undercoating	**Blue Core**: Classrooms 1 thru 10, Game room, Language room; **Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area; **Yellow Core**: Classrooms 11 thru 18A; Central Common Area	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room; **Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area; **Blue Core**: Classrooms 5 thru 12; Central Common Area	No damage		*Assumed*
Exposed glue daubs on ceiling	**Blue Core**: Classrooms 1 thru 10, Game room, Language room;	**Blue Core**: Classrooms 1 thru 4 and 13 thru 18, Game room, Language room;	No damage		*Assumed*
9"x9" White vinyl floor tile under carpet	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	No damage		*Known ACM*
Mastic under 9"x9" White vinyl floor tile under carpet	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	**Blue Core**: Psychology office; Electrical and Mechanical Room, Stair Landings	damage		*Known ACM*
12"x12" Light gray w/black and white streaks vinyl floor tile	**Cafeteria; Peach Core**: Staircase,	**Cafeteria; Red Core**: Staircase,	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Mastic under 12"x12" Light gray w/white streaks vinyl floor tile	**Cafeteria; Peach Core**: Staircase;	**Cafeteria; Red Core**: Staircase;	No damage		*Assumed*
9"x9" White w/brown vinyl floor tile	***Cafeteria***	***Cafeteria***	No damage		*Abated 2008*
Mastic under 9"x9" White w/brown vinyl floor tile	***Cafeteria***	***Cafeteria***	No damage		*Abated 2008*
Door glass glazing	**Cafeteria Wing**: Central common area, Room off K1; Schools – interior and exterior Doors;	**Black Core**: Central common area, Room off K1; Schools – interior and exterior Doors;	No damage		*Assumed*
Carpet glue on wood floor	**Cafeteria Wing**: Kindergarten rooms K1 and K2	**Black Core**: Kindergarten rooms K1 and K2	No damage		*Assumed*
Glue behind wood panels:	**Cafeteria Wing**: Kindergarten rooms K1 and K2	**Black Core:** Kindergarten rooms K1 and K2	No damage		*Assumed*
4" dark brown vinyl cove base	**Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area;	**Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area;	No damage		*Assumed*
Glue behind 4" dark brown vinyl cove base	**Lower Level below Yellow Core**: Classrooms 18 thru 21, Reading room, Kindergarten room K3 and Central common area;	**Lower Level below Blue Core**: Classrooms 1 thru 4, Reading room, Kindergarten room K3 and Central common area;	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

AHERA 6 MONTH PERIODIC SURVEILLANCE TABLES
Tilford W. Miller Elementary School
217 Wolf Pit Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*ORIGINAL LOCATION(S) 2008*	*CURRENT (NEW) LOCATION(S) 2011*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Black mastic under carpet	**Peach Core:** Hallway; **Yellow Core:** Classrooms 11 thru 18A, Central Common Area	**Red Core:** Hallway; **Blue Core:** Classrooms 5 thru 12, Central Common Area	No damage		*Assumed*
Black stair tread	**Peach Core:** Hallway;	**Red Core:** Hallway;	No damage		*Assumed*
Glue under black stair tread	**Peach Core:** Hallway;	**Red Core:** Hallway;	No damage		*Assumed*
Fire door core insulation	**Throughout school** – Interior and Exterior Doors	**Throughout school** – Interior and Exterior Doors	No damage		*Assumed*

CONDUCTED BY _____ **DATE** _____

APPENDIX L

OPERATIONS AND MAINTENANCE PROGRAM

WILTON PUBLIC SCHOOLS
2012 Asbestos Operations and Maintenance Program

TABLE OF CONTENTS

SECTION

1.0 OVERVIEW OF THE ASBESTOS OPERATIONS AND MAINTENANCE PROGRAM

Because Wilton Public Schools contains known and suspected ACBM (PACM) that may become friable, the LEA has an Asbestos Operations and Maintenance Program (O&M Program) that addresses how the school will maintain the ACBM and PACM in good condition.

This document describes policies, programs, and procedures that are in place to achieve this goal. The O&M Program will remain in effect until all ACBM has been removed from Wilton Public Schools.

The O&M Program consists of:

- An Asbestos Program Manager
- Provisions for assessing the condition of ACBM in buildings and Periodic Building Inspections
- Provisions for retaining qualified professionals for Asbestos Work
- Communications Program that includes Asbestos Warning Labels, Annual Notifications, Asbestos and Hazard Communication Training, and Contractors
- Building Cleaning Procedures
- Emergency Procedures for Unintentional Fiber Releases
- Preventative Measures to Avoid Fiber Releases
- In-house Operations, Repair, and Maintenance Program
- Worker Protection Program[1]
- Record Keeping and Reporting Program

2.0 PURPOSE OF THE O&M PROGRAM

2.1 To ensure students, parents and guardians, visitors, school employees, and contractors are protected from the hazards associated with asbestos in school buildings.

2.2 To ensure Wilton Public Schools complies with federal and state Asbestos-In-Schools laws and regulations.

2.3 To have a framework under which Asbestos policies, programs, and procedures are communicated.

3.0 ASBESTOS PROGRAM MANAGER

3.1 The Asbestos Program Manager for the Wilton Public Schools is Mr. Tim Corcoran of the Town of Wilton Public Schools. His office telephone number is (203) 762-3381.

3.2 The success of this program depends partially on the participation of all Wilton Public School employees. The Asbestos Program Manager whole-heartedly appreciates all co-operative efforts to maintain school buildings safe and healthy for all building occupants, visitors, and the general public.

4.0 BUILDING SURVEYS AND HAZARD ASSESSMENTS

4.1 Wilton Public Schools comply with state and federal Asbestos-In-School requirements to inspect

1. OSHA Asbestos Regulation 29 CFR 1926.1101, Occupational Exposure to Asbestos.

and re-inspect all school buildings every three years, have an Asbestos Management Plan, and implement it.

4.2 The most current building survey is on file in the School Office. The survey contains a list of ACBM and PACM in the building, and the risk assessment posed by these materials. This survey is available for review on Mondays through Fridays between 9 a.m. and 3 p.m.

4.3 Every 6 months, Maintenance visually inspects ACBM and PACM in school buildings for signs of damage and deterioration. If any materials are damaged or have deteriorated, the Asbestos Program Manager takes any necessary action to isolate occupants from the damaged materials and to restore the materials to an undamaged condition, or remove them. If any employee or staff member finds damaged ACBM, he or she should report it to the Asbestos Program Manager or one of the Maintenance staff.

5.0 COMMUNICATIONS

5.1 Notices will posted in public areas of the school to inform students, parents and guardians, employees, and visitors of any upcoming asbestos abatement work.

5.2 The Asbestos Program Manager annually notifies employees and building occupants, or their legal guardians, of the location and availability of the Asbestos Management Plan, and any Inspections, Response Actions, Periodic Surveillance, Asbestos Abatement Work, and other asbestos-related activities that will occur during the school year.

5.3 Maintenance places Asbestos Warning Labels on friable and non-friable ACBM and PACM in maintenance areas, including boiler rooms, mechanical rooms, maintenance work rooms, maintenance storage rooms, custodian rooms, and janitorial closets. If the Labels might be destroyed by heat or other conditions, Labels are placed next to the ACBM and PACM.

Asbestos Warning Labels are prominently displayed so that a person that enters the room can easily see the label and avoid contact with the material. The Labels state the following in black letters on contrasting yellow background:

CAUTION ASBESTOS HAZARDOUS DO NOT DISTURB WITHOUT PROPER TRAINING AND EQUIPMENT

Asbestos Warning Labels will remain posted on ACBM and PACM until they are removed or are tested and re-classified as non-asbestos.

Building materials that are suspected of containing asbestos, i.e., PACM materials will be tested over time to determine whether they contain asbestos or not. When laboratory results indicate a material is a non-asbestos material, Maintenance will remove the Asbestos Warning Label on the PACM and update its records.

5.4 Asbestos information will be reviewed with employees during annual Hazard Communication Program training. All employees of Wilton Public Schools are asked to report any damaged ACBM or PACM and debris to the Asbestos Program Manager or Maintenance office.

5.5 The Asbestos Program Manager will notify the State of Connecticut Department of Public Health Asbestos Division within 24 hours if any major fiber release episode occurs, first by telephone, then by providing a copy of the Fiber Release Record.

6.0 ASBESTOS ABATEMENT PROJECTS

6.1 Before any building renovation work occurs that involves disturbance of more than three square or linear feet of PACM, the Asbestos Program Manager will arrange to have an accredited and licensed Asbestos Inspector collect samples of the PACM and have them analyzed to determine if the PACM is an asbestos-containing building material.

6.2 The Asbestos Program Manager will retain Asbestos Consultants and Asbestos Abatement Contractors that are accredited and licensed by the State of Connecticut for all work involving the disturbance of more than three square or linear feet of ACBM.

7.0 OUTSIDE CONTRACTORS

7.1 The Asbestos Program Manager will provide outside contractors with information about the asbestos program and policies and procedures at Wilton Public Schools.

7.2 If any asbestos abatement work is scheduled to occur on the same day that non-asbestos contractors will be working, the location of the asbestos abatement project will be provided to the non-asbestos contractor.

7.3 The locations of asbestos and suspected asbestos-containing materials in buildings in which a non-asbestos contractor will be working will be supplied to the contractor before the work is scheduled to begin.

7.4 Contracts will include a provision that requires the non-asbestos contractor inform each of their workers and subcontractor employees of asbestos abatement projects that will be in progress at the same time they will be working. Contracts will also identify the locations of ACBM and PACM in the buildings in which non-asbestos contractors are scheduled to work, and the school's requirements to prevent damage to the ACBM and PACM.

8.0 ASBESTOS OPERATIONS AND MAINTENANCE PROGRAM

The Asbestos Program Manager approves all work that is defined as Asbestos Operations and Maintenance work, and arranges to have only qualified Maintenance staff perform asbestos-related work that is necessary to continue to operate and maintain school buildings.

8.1 Definitions

Operations and Maintenance activities means Class III and Class IV asbestos work as defined under OSHA 29 CFR 1926.1101.

Class III asbestos work means repair and maintenance activities and operations in which ACBM or PACM is likely to be disturbed.

Class IV asbestos work means maintenance and custodial activities that involves contact with ACBM or PACM but does not disturb ACBM or PACM, and activities to clean up ACBM or PACM dust, waste, and debris.

PACM means presumed asbestos containing material.

Presumed Asbestos Containing Material means (1) thermal system insulation (TSI) and surfacing material (SM) in buildings constructed before 1981, and (2) Miscellaneous building materials (Misc) that have not been tested per 1926.1101(k)(5).

Disturbance and disturb means any activities, work, or operations that disrupt the matrix of ACBM or PACM, crumbles or pulverizes ACBM or PACM, or generates visible debris from ACBM or PACM. Disturbance includes cutting away small amounts of ACBM and PACM in order to access a building component. In no event shall the amount of ACBM or PACM so disturbed exceed three (3) square feet or 3 linear feet, and in no event shall the disturbed amount exceed that which can be contained in one (1) 60"x60" glove bag or waste bag.

Operations and Maintenance activities include, but are not limited to:

- Removal of a maximum of three (3) square *or* three (3) linear feet of ACBM or PACM in order to perform another maintenance activity and the activity is not intended as asbestos removal or abatement.
- Removal includes removal of a maximum of 3 square *or* linear feet of ACBM and PACM Thermal System Insulation, removal of a maximum of 3 square *or* linear feet of ACBM and PACM Surfacing Material on substrates, and removal of a maximum of 3 square *or* linear feet of ACBM and PACM Miscellaneous materials.
- Replacement of an asbestos-containing gasket on a valve.
- Removal of a maximum of 3 square or linear feet of drywall (sheet rock, wall board) with joint compound.
- Access above suspended ceilings that contain asbestos thermal insulation, surfacing material, or miscellaneous materials.
- Installation of electrical conduits through or proximate to ACBM and PACM.
- Repair of a maximum of 3 square or linear feet of damaged thermal system insulation that does not require removal.
- Repair of a maximum of 3 square or linear feet of ACBM and PACM wallboard, ceiling board, ceiling tiles, floor tiles and mastic, cove base and mastic, or carpet glued in place with mastic.
- Repairs involving encapsulation, enclosure, or removal of a maximum of 3 square or linear feet of ACBM or PACM only if required in the performance of emergency or routine maintenance activities and the activity is not intended as asbestos removal or abatement.

8.2 The Asbestos Program Manager approves all operation, repair, and maintenance activities. All O&M activities will be documented through the O&M Task form in Appendix H.

8.3 Emergency procedures for responding to accidental disturbances and releases of ACBM and PACM are located in Appendix A.

8.4 The Asbestos Program Manager arranges for all Maintenance employees training involved in O&M work. A description of the Asbestos Training Program is in Appendix B.

All employees involved in O&M work are required to wear negative-pressure air-purifying respirators and protective clothing, and participate in the Asbestos Medical Surveillance Program. The Asbestos Medical Surveillance Program is described in Appendix C.

8.5 The Asbestos Program Manager will supply adequate and appropriate asbestos work equipment, tools, supplies, respirators, and protective clothing and equipment for asbestos O&M activities and work.

A description of approved work rules, equipment, tools, supplies, procedures, respirators, and protective clothing and equipment is in Appendix D.

It is the responsibility of the worker to ensure all equipment, supplies, and protective clothing, equipment, and devices are at the location where asbestos-related activities and work will be conducted before beginning the work, and to use them.

8.6 Procedures for cleaning buildings that contain ACBM and PACM are in Appendix E.

8.7 To ensure ACBM and PACM remains in good condition, i.e., physically intact and undamaged, Maintenance visually examines ACBM and PACM listed in the most recent AHERA 3-Year Asbestos Re-Inspection Report every six (6) months for signs of damage and deterioration. These reports are given to the Asbestos Program Manager. If materials are damaged, the Asbestos Program Manager takes appropriate action. 6-Month Periodic Surveillance Reports are filed in the Asbestos Management Plan (AMP).

9.0 HANDLING AND DISPOSAL OF WASTE

9.1 All ACBM and PACM debris and waste that is, or might be, contaminated with asbestos shall be treated as asbestos waste.

9.2 Persons that clean up asbestos waste shall keep it wet. Waste will be placed into a 6-mil labeled polyethylene asbestos disposal bag and sealed, then the sealed bag placed into another 6-mil labeled polyethylene asbestos disposal bag and sealed. The quantity, type of waste, and location that it was found will be documented and supplied to the Asbestos Program Manager.

9.3 Bagged waste shall be transported to the asbestos waste holding area for storage.

9.4 The Asbestos Program Manager will arrange for waste disposal through a licensed asbestos waste transporter. The Waste Shipment Record will be filed with the O&M Task Record.

10.0 WORKER PROTECTION PROGRAM

10.1 Wilton Public Schools complies with the State of Connecticut regulations on Worker Protection, i.e., OSHA's Asbestos Standard, 29 CFR 1926.1101, by:

1. Ensuring affected O&M workers participate in the Asbestos Medical Surveillance Program
2. Providing Asbestos Respirator Training and Fit Tests
3. Maintaining a written Respiratory Protection Program
4. Providing asbestos equipment, supplies, protective clothing and equipment, and requiring their use

5. Establishing procedures for O&M work and cleaning work
6. Measuring Worker Exposure to Asbestos during O&M Tasks
7. Documenting O&M Tasks

11.0 RECORD KEEPING

The Asbestos Program Manager maintains the following records, except as noted below:

11.1 O&M Task Record

All work and activities related to ACBM and PACM that are performed by Maintenance staff are known as "O&M Tasks". All work and activities are recorded on the "O&M Task" form in Appendix H.

Supporting documents such as air sampling forms and results, bulk sampling forms and results, incident reports, waste shipment records, and so on, are filed with the O&M Task form.

Completed O&M Task forms are given to the Maintenance Office secretary/administrative assistant, who files the documents in chronological order.

O&M Task documents will be filed with AMP records and documents and kept in Maintenance Office for 30 years.

11.2 Equipment Records

Records of equipment obtained for O&M Program work and activities are kept with O&M Program documents. Equipment records include operating manuals, maintenance instructions, maintenance and repair records, list of parts and replacement parts, and the source of the equipment.

11.3 Major Fiber Release Episode Records

An incident report shall be generated on the Major Fiber Release form in Appendix H. The record will be filed in the O&M Task file in chronological order. A copy of the Major Fiber Release form will be placed in the Asbestos Abatement Project record.

The Asbestos Program Manager will call the State of Connecticut Department of Public Health Asbestos Division within 24 hours to notify them of the incident, and fax or mail a copy of the Major Fiber Release form to them within 5 business days of the incident.

11.4 Employee Asbestos Exposure Records

Employee exposure monitoring forms and laboratory reports will be filed with O&M Tasks forms and maintained for 30 years.

The Consultant that performs exposure monitoring shall be required to provide the following information in worker exposure monitoring reports:

- the date that the exposure was measured
- a description of the work or activity being performed

- sampling and analytical methods used and evidence of their precision and accuracy
- the number, duration, and results of the samples that were collected
- the types of personal protective clothing and respirator that the employee wore
- the name and social security number of the monitored employee
- the exposure concentration
- the name and signature of the person conducting the exposure monitoring
- the name and signature of the supervisor of the person that conducted exposure monitoring and his or her credentials
- the name of the Consulting firm

11.5 Employee Asbestos Medical Surveillance Records

Medical records shall be maintained in the Personnel Office in the affected employee's individual file. Medical records shall be kept for the duration of the employee's employment plus thirty (30) years.

The Physician or Contract Physician that Wilton Public Schools retains to perform asbestos medical surveillance shall be required to provide the following information for each worker medical examination:

- the name and social security number of the examined employee
- a copy of the employee's medical examination results, including medical history, questionnaire responses, results of clinical tests, the examining physician's opinions, and the examining physician's recommendations
- physician written opinions on the ability of the worker to use a respirator, and any restrictions on respirator use
- employee medical complaints and concerns related to exposure to asbestos
- a copy of information that was provided to the examining physician, i.e., a copy of Appendix X to 29 CFR 1926.1101 and copy of this O&M program
- the examining physician's signature and date of signature

The examining physician must not, and shall not, provide any information or opinions that are *not* related to the employee's asbestos exposure and asbestos-related illnesses. Wilton Public Schools will not breech the doctor-patient confidentiality relationship in any health matters that do not pertain to occupational asbestos work, activities, or exposure, or the employee's capability of using a respirator to protect the employee's health during asbestos-related work and activities.

11.6 Employee Asbestos Training Records

The following employee training records will be kept for one (1) year after the last date of employment for all employees that have been involved in the O&M Program:

- 2-Hour Asbestos Awareness training documented on Asbestos Awareness Training form in Appendix H.

- 16-Hour Asbestos Operations and Maintenance Training certificates awarded to maintenance workers and supervisors involved in asbestos-related activities and work under the O&M Program.

- 16-Hour Asbestos Operations and Maintenance Training and 40-Hour Asbestos Management Planner certificates awarded to Asbestos Program Managers.
- Respirator Training documented on Asbestos Respirator Training form in Appendix H.
- Respirator Fit-Test records will be kept until replaced a more recent fit test record. Records will be discarded one year after the employee no longer performs O&M work.

11.7 Asbestos Abatement Project Records

Every asbestos abatement project that is conducted will generate documents that include design specifications, written project records, waste shipment records, monitoring records, inspection records, and so on.

Project records will be filed by building, with the Asbestos Management Plan.

Appendix A

Emergencies Involving Unintentional Fiber Releases

Emergencies Involving Unintentional Fiber Releases

This procedure will be used when there is a concern or possibility that asbestos might have been released.

When ACBM or PACM is damaged or disturbed, there may be elevated levels of airborne fibers in that area. The first person that discovers the unintentional disturbance or release shall:

1. Immediately leave the area in which the release occurred. If possible, secure the area (close doors, warn others not to enter, instruct persons to leave, etc.). Find the nearest telephone.
2. Call the Program Manager at (203) 762-3381.
3. Inform the person that answers that there has been a possible asbestos release. Give your name, the building, and location where the release occurred, and the telephone number at which you are calling.
4. Remain near, but not in, the area in which the release occurred. When Maintenance arrives, point out the affected area.
5. Maintenance will determine if the release involves ACBM or PACM. If ACBM or PACM is involved, Maintenance will secure the area, assess the amount of ACBM or PACM that is involved, and initiate an O&M Task.
6. The person completing the O&M Task form shall list the names of all persons that were in the area when the release occurred.
7. The Asbestos Program Manager will review the scene and amount of ACBM and PACM involved, and initiate either Minor or Major Release procedures.

Minor ACBM and PACM Releases (Up to 3 Square or 3 Linear Feet)

1. Thoroughly saturate the debris with water that has been mixed with a surfactant using an airless sprayer.
2. Vacuum up debris with a vacuum cleaner that is equipped with a high-efficiency particulate air (HEPA2) filter or clean up debris with wet cloths.
3. Place waste, debris, the vacuum cleaner filter, mop head, cloths, or towels in a leak-proof container that is at least 6-mil thick and seal. Place the sealed bag into another leak-proof container that is at least 6-mil thick, and seal.
4. Label the bag with a label that states:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD
AVOID BREAKING CONTAINER AND BREATHING

[2], HEPA – filters rated as capturing 99.97% of particles that are 0.3 microns in diameter.

DUST

5. Transport sealed containers to the designated asbestos waste holding area.

6. Dispose of waste through an approved asbestos waste disposal company.

Any subsequent maintenance and repair work that may be necessary will be performed by Maintenance employees with 16-hour Operations and Maintenance training.

Major ACBM or PACM Releases (More than 3 Square or 3 Linear Feet)

1. Restrict all entry to the area.

2. If the area has an HVAC system, shut it off and lock it out. Shut off all fans in the area.

3. Post Asbestos Warning Label at all approaches to the area.

4. Arrange for clean up and abatement by an Asbestos Abatement Contractor.

5. Notify the State of Connecticut Department of Public Health, Asbestos-In-Schools Division, within 24 hours of the major fiber-release episode. Provide a copy of the Report within five (5) business days.

6. After abatement work is completed, restore HVAC system.

7. Maintain a copy of the Incident Report and O&M Task with Asbestos Abatement Project Records.

Appendix B

Asbestos Training Program

Asbestos Training Program

Asbestos Awareness Training

State of Connecticut Regulation RCSA 19a-333-9(a)(1) requires each member of a school's maintenance and custodial staff attend a 2-Hour Asbestos Awareness Training class that includes at least the following information:

- The properties and types of asbestos
- Building materials that contain or may contain asbestos
- Health effects caused by exposure to airborne asbestos
- Locations of ACBM and suspect ACBM in school buildings
- How to recognize damaged, deteriorated, and delaminated asbestos materials
- The name and telephone number of the Asbestos Program Manager
- The school's responsibilities under State of Connecticut Asbestos-In-Schools regulations (RCSA 19a-333-2)
- The location and availability of the school Asbestos Management Plan for review

Frequency of Training

- New information on ACBM and suspect ACBM is reviewed with Maintenance and custodial staff annually.
- New maintenance personnel receive 2-Hour Asbestos Awareness training within sixty (60) days of their date of hire.

Record Keeping

- Asbestos Awareness Training is documented and filed in the AMP. The form used to document training is located in Appendix H.

Asbestos Training for Maintenance Staff That Will Perform O&M Tasks

State of Connecticut Asbestos-In-Schools regulations requires each school employee that will perform asbestos-related O&M work to attend a fourteen (14) hour training course, in addition to the 2-hour Asbestos Awareness class, that includes at least the following:

- descriptions of the proper methods of handling ACBM and suspect ACBM
- information on the use of respiratory protection as contained in the EPA/NIOSH Guide to Respiraotry Protection for the Asbestos Abatement Industry, September 1986 (EPA Publication No. 560/OPTS-86-001), and other personal protection measures
- review of the provisions in:
  - » RCSA Sections 19a-333-8 and 192-333-9
  - » EPA regulations in 40 CFR Part 763, Subpart E, Appendices A, B, C, and D
  - » EPA regulations in 40 CFR Part 763, Subpart G
  - » EPA regulations in 40 CFR Part 61, Subpart M
  - » OSHA regulations in 29 CFR 1926.1101
- hands-on training in the use of respiratory protection, other personal protection measures, and good work practices

Employees that have not been issued a certificate that states that employee has successfully completed this

training course will not perform O&M work.

These employees will also attend a Respirator Training class.

Frequency of O&M Training

Training will be provided by Wilton Public Schools before any school employee is assigned to perform O&M tasks.

Employees will attend 16-hour O&M Refresher Training annually.

Hazard Communication Training

Wilton Public Schools employees will be informed of the following during annual Hazard Communication training:

- Existence and location of the Asbestos Management Plan
- Name of the Asbestos Program Manager
- Health effects associated with exposure to asbestos
- Where to obtain information on the location of ACBM and PACM in buildings
- Preventative Measure to Avoid Fiber Releases
- Reporting Damaged ACBM and PACM
- Emergency Response Procedures

Respirator Training

Before an employee is given a respirator, the employee must be trained by a competent person designated by the Program Administrator. Training will include:

- Recognizing respiratory hazards
- The nature, extent, and health effects associated with exposure to asbestos
- The purpose, proper use, capabilities, and limitations of respirators
- Types of situations that can result in exposure to asbestos
- The importance of minimizing exposure by using required equipment, work practices and procedures, respirators, and protective clothing
- Respirator selection, user checks, cleaning, inspection, and maintenance procedures
- Respirator fit-test
- The reasons for the asbestos medical surveillance program

Appendix C

Asbestos Medical Surveillance Program

Asbestos Medical Surveillance Program

1.0 Applicability

This program applies to Maintenance employees that perform Class III O&M work, employees assigned to clean-up O&M work debris, and employees that are required to wear negative-pressure air-purifying respirators for asbestos.

2.0 Asbestos Medical Examinations

Medical examinations and procedures are performed by or under the supervision of a licensed physician at no cost to the employee, and at a reasonable time and place.

Pulmonary function tests must be administered only by persons that have completes a training course in spirometry that was sponsored by an appropriate academic or professional institution.

Examinations will be provided before an employee is assigned to O&M work and annually thereafter. If the examining physician determines an examination should be provided more frequently, the examinations will be provided.

3.0 Asbestos Medical Examinations Contents

Medical examinations will include:

- A medical and work history with special emphasis on the pulmonary, cardiovascular, and gastrointestinal systems.
- On initial examination, the Initial Medical Questionnaire in Appendix D, and, on annual examination, the Annual Medical Questionnaire of Appendix D of the OSHA regulation.
- A physical examination of the pulmonary and gastrointestinal systems that includes a chest roentgenogram and pulmonary function tests of forced vital capacity (FVC) and forced expiratory volume at one second (FEV(1)). Interpretation and classification of chest roentgenograms will be conducted in accordance with Appendix E.
- Any other examinations or tests deemed necessary by the examining physician.

4.0 Information Provided to the Physician

The Asbestos Program Manager will provide the examining physician with the following information:

- A copy of the OSHA Standard on Asbestos and Appendices D, E, and I;
- A copy of the O&M Program;
- The employee's representative exposure level or anticipated exposure level; and,
- A description of any personal protective and respiratory equipment used or to be used.

5.0 Physician's Written Opinion

Wilton Public Schools are required to obtain a written opinion from the examining physician containing the results of each employee's medical examination and:

- The physician's opinion as to whether the employee has any medical conditions that would place the employee at an increased risk of impairment from exposure to asbestos;
- Any recommended limitations on the employee or on the use of personal protective equipment such as respirators; and.
- A statement that the employee has been informed by the physician of the results of the medical

examination and of any medical conditions that may result from asbestos exposure.

- A statement that the employee has been informed by the physician of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Wilton Public Schools will instruct the physician not to reveal specific findings or diagnoses that are not related to occupational exposure to asbestos.

Wilton Public Schools will provide a copy of the physician's written opinion to the affected employee within 30 days from its receipt.

Appendix D

Operations and Maintenance Procedures

Operations and Maintenance Procedures

1.0 Applicability

1.1 This section applies to O&M Tasks, i.e., maintenance and repair tasks that involve disturbing ACBM and PACM

1.2 Tasks must be performed by Maintenance employees with 16-hour Operations and Maintenance Training.

2.0 Rules

2.1 All O&M Tasks will be approved by the Asbestos Program Manager.

2.2 Access to restricted areas is limited to employees authorized by the Asbestos Program Manager.

2.3 If ACBM and PACM cannot be kept wet, or if air monitoring indicates exposure is above 0.1 fibers/cc, activities will stop, and arrangements made to have the work performed by an Asbestos Abatement Contractor.

3.0 O&M Tasks

Employees that perform O&M Tasks must use the following equipment and procedures to minimize exposure and prevent debris from dispersing into surrounding areas.

3.1 Bring all equipment, tools, and protective clothing and gear to the area, including a HEPA vacuum cleaner[3], an airless sprayer that contains amended water[4], impermeable drop cloths, air-purifying respirator with HEPA cartridges, disposable full body coveralls with head and foot coverings, duct tape, disposable towels and/or cloths, Asbestos Signs and Caution tape, pre-labeled asbestos waste disposal bags, glove bag or mini-enclosure, and tools, equipment, and supplies.

3.2 Secure the work area and restrict access by:

Verifying the area is not occupied.
Shutting down and locking out the HVAC system.
Demarcating the area with "Asbestos Caution" tape.
Placing Asbestos Danger Signs at all approaches and entrances to the area that state:

DANGER ASBESTOS CANCER AND LUNG DISEASE HAZARD AUTHORIZED PERSONNEL ONLY RESPIRATORS AND PROTECTION CLOTHING ARE REQUIRED IN THIS AREA

3.3 If work involves, or might involve, contact with any electrical system, any moving mechanical equipment, fluids or gases in pipes, hydraulic equipment, or objects that may fall, implement and follow Lock-out Tag-out procedures before beginning work. At minimum, de-energize electrical equipment, discharge capacitors, block all equipment that may move, secure doors open with a

3 A vacuum cleaner that is has a high efficiency particulate air filter, i.e., one rated to filter out 99.97% of particles that are 0.3 microns in diameter.
4 Water to which a surfactant has been added to make wetting easier.

chain and lock, break and bleed lines, cover valve with a lockout device, and block hydraulic equipment. Secure each with lock-out/tag-out devices, and apply personal locks and tags.

3.4 Place impermeable drop cloths on the floor and other horizontal surfaces where debris may fall.

3.4.1 If work involves disturbing thermal insulation or surfacing ACBM or PACM by drilling, cutting, abrading, sanding, chipping, breaking, or sawing, isolate the work area from non-work areas by installing a mini-enclosure or a glove bag. Place impermeable drop cloths in locations where debris may fall.

3.5 In an area that is outside of the work area, don your respirator and perform a user seal check. Put on full-body disposable coveralls with head and foot coverings.

3.6 Wet ACBM or PACM with water that has been treated with a wetting agent, applying it with an airless sprayer. Keep the ACBM or PACM wet during the entire job.

3.7 Perform the required work in accordance with 16-hour O&M training. Pause whenever necessary to apply amended water to keep the ACBM and PACM wet.

3.8 Vacuum the ACBM or PACM to remove any loose material, then vacuum up all waste and debris that fell onto the drop cloths. Wet wipe surfaces.

3.9 Promptly clean up waste and debris and bag. Refer to procedures in Section 9.0, Handling and Disposal of Waste.

Wet all ACBM and PACM debris and waste, including drop cloths, glove bags, vacuum cleaner filter, towels, cloths, and rags, dust inside the vacuum cleaner collector, and any other waste, and place in a pre-labeled 6-mil asbestos disposal bag. Clean tools and equipment with amended water. Collect rinse water in the waste bag. Seal the waste bag. Perform a visual inspection.

3.10 After the area and equipment are clean and waste bagged, remove full-body coveralls and place it in a clean pre-labeled 6-mil asbestos disposal bag. Remove the respirator cartridges and place them in the waste bag. Seal the bag. Remove the respirator.

3.11 Place both waste bags into a clean pre-labeled 6-mil asbestos disposal bag and seal the bag. Transport the waste to the waste holding area. Return equipment and supplies. Notify others that work has been completed. Inspect, clean and disinfect respirator. Air dry, then store it.

4.0 Prohibitions

4.1 The following is prohibited during O&M tasks:

- Eating, drinking, smoking, chewing tobacco or gum, using personal care products.
- High-speed abrasive disc saws that are not equipped with point of cut ventilation and enclosure with HEPA filtered exhaust air.
- Compressed air used to remove ACBM or PACM *unless* the compressed air is used in conjunction with an enclosed ventilation system designed to capture the dust cloud created by the compressed air.
- Dry sweeping, shoveling, or other dry clean-up of dust and debris containing ACBM and PACM.

Appendix E

Building Cleaning

Building Cleaning

1.0 Applicability

1.1 This section applies to Class 4 O&M Cleaning Tasks that involve building cleaning, cleaning up no more than 3 square or linear feet of ACBM and PACM debris, and normal housekeeping and custodial tasks that involve contact with ACBM and PACM but not disturbance.

1.2 Tasks must be performed by Maintenance employees with 2-hour Asbestos Awareness Training.

1.3 Asbestos-In-Schools Regulations require school buildings that contain ACBM and PACM be:

- kept free of ACBM and PACM debris,
- cleaned before the start of an Asbestos Abatement Project,
- re-cleaned whenever a Management Planner recommends additional cleaning because debris is present.

2.0 Rules

2.1 Housekeeping and custodial employees should assume all dust and debris from thermal insulation, surfacing materials, and miscellaneous building materials contains asbestos.

2.2 Employees must use wet methods, a vacuum cleaner equipped with a HEPA filter to collect all debris and dust, and promptly bag all waste for all tasks.

2.3 Eating, drinking, smoking, chewing tobacco or gum, using personal care products is prohibited during cleaning work

2.4 Building cleaning, debris clean-up, and housekeeping and custodial work that involves contact with ACBM and PACM but not disturbance, such as cleaning floor tiles, will be performed only by employees with 2-hour Asbestos Awareness Training.

3.0 Cleaning Procedures

3.1 Bring a HEPA vacuum cleaner, an airless sprayer that contains amended water, disposable towels or cloths, mops with disposable mop heads, and pre-labeled asbestos waste disposal bags to the location.

3.2 If debris consists of pieces of ACBM or PACM, thoroughly wet the debris with water that has been mixed with a surfactant using the airless sprayer.

3.3 Vacuum debris on carpets with a HEPA vacuum cleaner or a steam-cleaner.

3.4 Vacuum debris on floors and horizontal surfaces with a HEPA vacuum cleaner, or, clean up with wet towels or cloths.

3.5 Place waste, debris, vacuum cleaner filter, mop head, cloths, and towels in a leak-proof container that is at least 6-mil thick and seal. Place the sealed bag into another leak-proof container that is at least 6-mil thick, and seal.

3.6 Verify the bag has the following asbestos warning label:

DANGER

CONTAINS ASBESTOS FIBERS AVOID CREATING DUST CANCER AND LUNG DISEASE HAZARD AVOID BREAKING CONTAINER AND BREATHING DUST

3.7 Transport sealed containers to the waste holding area.

3.8 The Asbestos Program Manager will make arrangements to dispose of the waste through an approved asbestos waste disposal company.

4.0 Initial/Additional Cleaning

School workers that have received 2-hour Asbestos Awareness Training are qualified to perform cleaning.

Initial Cleaning. School buildings with friable and non-friable ACBM and PACM must be cleaned before a Response Action is initiated (other than O&M) as follows:

1. Vacuum carpets with a HEPA filtered vacuum cleaner.
2. Wet wipe or vacuum floors and horizontal surfaces with a HEPA filtered vacuum.
3. Place waste, debris, vacuum cleaner filters, mop heads and cloths in sealed, leak-tight containers and attach asbestos waste labels to each container.
4. Transport sealed containers to the asbestos waste holding area, and arrange for disposal as asbestos waste through an approved asbestos waste disposal company.

Additional Cleaning. The accredited management planner shall make a written recommendation to the LEA whether additional cleaning is needed, and if so, the methods and frequency of such cleaning.

5.0 Cleaning Resilient Flooring

Although the asbestos in floor tiles, linoleum, and roll flooring such as vinyl flooring are considered non-friable, excessive friction during routine cleaning can release fibers. To avoid release, observe the following:

- Always strip floors wet, never dry.
- Pre-treat floors: wet the floor with cleaning liquid to soften the wax.
- Operate floor strippers and buffers at low speed, up to 300 rpm. Above 300 rpm, fiber release may occur.
- Keep floors well-polished.
- After stripping and re-finishing, use a wet-mop to clean floors.

Appendix F

Respiratory Protection Program

Respiratory Protection Program

1.0 Purpose

1.1 The purpose of this Respiratory Protection Program is to protect the health of maintenance employees that perform O&M Tasks under the school's Asbestos Programs by providing respiratory devices that will protect them against inhaling airborne asbestos fibers during the course of work.

1.2 The primary goal of any Respiratory Protection Program is to prevent toxic and hazardous materials from being released into the air by the use of engineering control equipment and preventative work procedures and practices. Respirators are recognized by industry as only a supplement to primary protective devices, because respiratory protective devices are not fail-safe.

2.0 Key Persous

2.1 The Asbestos Program Manager is the Administrator of the Respiratory Protection Program. Mr. Herrick is responsible for all aspects of the respirator program, and has the authority to make decisions concerning this program. This authority includes purchasing and issuing respirators and supplies, overseeing use and maintenance of respirators, record keeping, and stopping any work where there is a risk of personal injury.

2.2 Mr. Herrick will make decisions in consultation with a Certified Industrial Hygienist.

2.3 The Certified Industrial Hygienist will assist the Asbestos Program Manager in respirator selection, employee training, medical surveillance program, and respirator fit testing.

2.4 Maintenance employees that must wear respirators during O&M Tasks are responsible for using and caring for their assigned respirator in accordance with this program, training and instructions, and regulations.

3.0 Training

3.1 Before an employee is given a respirator, the employee must be trained by a competent person designated by the Program Administrator. Training will include:

- Recognizing respiratory hazards
- The nature, extent, and health effects associated with exposure to asbestos
- The purpose, proper use, capabilities, and limitations of respirators
- Types of situations that can result in exposure to asbestos
- The importance of minimizing exposure by using required equipment, work practices and procedures, respirators, and protective clothing
- Respirator selection, user checks, cleaning, inspection, and maintenance procedures
- Respirator fit-test
- The reasons for the asbestos medical surveillance program

4.0 Asbestos and Respirator Medical Surveillance Program

4.1 All workers that will Perform O&M Tasks must participate in the Asbestos Medical Surveillance Program.

4.2 Before an employee is assigned to O&M Tasks or to wear a respirator, the employee will be given an asbestos medical examination. Examinations will be provided annually thereafter.

4.3 During the examination, the physician will evaluate the employee to determine if he or she is able to safely wear an air-purifying respirator while performing O&M Tasks.

4.4 If the examining physician is of the opinion that the employee cannot safely wear a respirator, the employee will not be assigned to perform O&M Tasks.

4.5 Respirators will be issued only after the physician has supplied the Asbestos Program Manager with his or her written opinion and the employee has passed a Respirator Fit Test.

5.0 Respirator Program Policies and Procedures

5.1 Air-purifying respirators (APRs) equipped with high-efficiency particulate air filter cartridges will be used for O&M activities.

5.2 All APRs and replacement parts shall be approved by the National Institute of Occupational Safety and Health (NIOSH) and have a TC number. If any parts of the respirator must be replaced, only approved replacement parts for that particular make and model of respirator will be used.

5.3 A consulting Certified Industrial Hygienist will select the respirators that employees will wear, in accordance with EPA/NIOSH publications and exposure monitoring results.

5.4 Each individual wearer shall pass a respirator fit-test with the make, model, and size respirator that he or she will wear, before being allowed to perform O&M activities and wear a respirator, and annually thereafter. A consulting Certified Industrial Hygienist or Industrial Hygienist will perform the fit tests. Fit-testing procedures will conform to required protocols in OSHA 29 CFR 1926.1101. Upon successful completion of the fit test, the consulting Certified Industrial Hygienist or Industrial Hygienist will complete a "Respirator Fit Test Record" and provide it to the Asbestos Program Manager. The form will be maintained in an Asbestos Respirator Fit Test file in the Maintenance Office with O&M records.

5.5 Each individual wearer shall perform a "user seal check" each time the respirator is donned, to verify a face-to-face piece seal has been achieved, following procedures provided during respirator training:

5.5.1 A Negative Pressure Test will be performed by covering the air intake with the palm of the hand. The employee will inhale so that the face piece collapses slightly and remains collapsed for at least ten (10) seconds. If the facepiece remains slightly collapsed and no inward leakage of air is noted, the face seal is considered satisfactory.

5.5.2 A Positive Pressure Test will be performed by covering the filters with the palms of the hands. The employee will exhale gently into the face piece so it slightly bulges and remains bulged for at least ten (10) seconds. If a slight positive pressure can be maintained inside the facepiece and there are no signs of air leakage through the face piece, the fit is considered satisfactory.

5.6 Respirators will be assigned to employees individually for their exclusive use. Employees shall never share their respirators. Borrowing a respirator is unacceptable because the respirator has not been fit-tested.

5.7 Respirators shall be cleaned and disinfected after each use as described in the instruction booklet provided by the respirator manufacturer.

5.8 After cleaning and drying the respirator, it should be placed in a clean plastic bag and stored in a designated cabinet away from heat, sunlight, cold, dust, and chemicals. The respirators should be stored upright so the chin rests on a flat surface to prevent distortion of the face piece. Head straps

should be fully extended.

5.9 Before donning the respirator and during cleaning, the employee shall inspect it for signs of wear and damage as described in the manufacturer's booklet provided with the respirator, and specifically checking the following:

5.9.1 Inspect the face piece for, (a) dirt (clean off all dirt); (b) cracks, tears, or holes (obtain new face piece); (c) distortion (allow face piece to sit free from any constraints and see if distortion disappears; if not, obtain new face piece); (d) cracked, scraped, or loose fitting lenses (contact respirator manufacturer to see if replacement is possible; otherwise, obtain new face piece).

5.9.2 Inspect head straps for, (a) breaks or tears (replace head straps); (b) loss of elasticity (replace head straps); (c) broken or malfunctioning buckles or attachments (obtain new buckles).

5.9.3 Inspect inhalation and exhalation valves for, (a) detergent residue, dust particles, or dirt on valve or valve seat (clean residue with soap and water); (b) cracks, tears, or distortion in the valve material or valve seat (obtain replacement valves from manufacturer); (c) missing or defective valve covers (obtain valve cover from manufacturer).

5.9.4 Inspect filter element(s) for, (a) HEPA filter rating; (b) approval number; (c) missing or worn gaskets (contact manufacturer for replacement); (d) worn threads on both the filter and face piece threads (replace filter or face piece, whichever is applicable.)

5.10 Only HEPA filter cartridges approved by NIOSH shall be used. Filters should be removed and replaced whenever an increase in breathing resistance is detected. Filters shall be discarded as asbestos waste at the end of each task.

6.0 Special Considerations

6.1 In order to ensure the face-to-face seal is achieved and maintained, employees that will wear a respirator shall be clean shaven before when wearing the respirator. No beards, long sideburns, long mustaches, or stubble is allowed.

6.2 Employees that wear eye glasses who must wear a full facepiece respirator will be provided with corrective lenses that can be mounted inside the face piece.

6.3 No protective clothing or coverings is allowed between the face and respirator face piece. Coveralls with hoods or head coverings must be put on over the respirator.

6.4 A weight loss or gain affects the respirator fit. Employees that gain or loose more than twenty (20) pounds since their last fit test must be re-fitted.

6.5 Employees that wear dental appliances must ensure they wear them when wearing a respirator to ensure the face piece seal is maintained.

6.6 Don and remove respirators in areas that are clean. Don the respirator before entering the work area, and remove it after leaving it.

7.0 Annual Respirator Program Evaluation

7.1 The Asbestos Program Manager will periodically arrange to have a consulting Certified Industrial Hygienist evaluate the asbestos respiratory protection program to ensure its continued effectiveness. In addition, the respirator training program will be reviewed and updated as necessary.

7.2 The Asbestos Program Manager and Maintenance supervisors will be involved in this evaluation by making unannounced field and office inspections, and discussing respirator comfort, use, and maintenance issues with wearers.

Appendix G

Preventative Measures to Prevent Fiber Releases

Preventative Measures to Prevent Fiber Releases

Floor Tiles, Linoleum, Roll Flooring, and Cove Base

Although the asbestos in floor tiles, linoleum, and roll flooring such as vinyl flooring are considered non-friable, excessive friction during routine cleaning can release fibers. To avoid release, observe the following:

- Always strip floors wet, never dry.
- Pre-treat floors: wet the floor with cleaning liquid to soften the wax.
- Operate floor strippers and buffers at low speed, up to 300 rpm. Above 300 rpm, fiber release may occur.
- Keep floors well-polished.
- Use a floor finish with a high solids content.
- After stripping and re-finishing, use a wet-mop to clean floors.
- During winter months when salt and sand are used, place 12-20 foot floor mats at entrances to the building.

Old and new flooring materials and old and new cove base may contain asbestos. If the flooring or cove base cracks, chips, wears down, or separates from the floor or wall, asbestos fibers can be released. Avoid damaging the materials. Do not cut, drill, saw, sand, remove, or repair them unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing. Report any damage to the Asbestos Program Manager or Maintenance Office.

When asbestos floor tiles, linoleum, and roll flooring are covered with carpets or other non-asbestos flooring, the asbestos flooring is inaccessible until the carpet or non-asbestos flooring is removed or is damaged.

Mastics and Adhesives under Floor Tiles, Linoleum, Roll Flooring, Carpets, Cove Base, and Ceiling Tiles

While carpets are not considered to be a suspected asbestos-containing material, the mastics, adhesives, and glues that are used to hold them in place are likely to contain asbestos. Mastics, adhesives, and glues used under floor tiles cove base, and ceiling tiles may also contain asbestos. Mastics are inaccessible after the material that covers them is in place, but if the overlaying material becomes damaged, asbestos will be released from the exposed mastic.

Do not cut, drill, saw, sand, remove, or repair these materials unless you are specifically trained, authorized, and use proper work practices, procedures, and protective clothing.

All non-asbestos flooring, cove base, carpets, and ceiling tiles that have asbestos-containing mastic must be treated as asbestos materials, because they cannot be removed without disturbing and releasing the asbestos in the mastic. This means that removal must be conducted as asbestos abatement.

Flexible Cloth Connectors on Ductwork

Cloth should be kept in good condition and intact. Avoid physical contact with the cloth, and any activity that disturbs the integrity of the cloth, such as cutting, unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing.

Thermal Insulation (pipe and fitting insulation, tank and boiler insulation)

Thermal insulation consists of inner insulation that contains asbestos and binders and a protective outer covering, or jacket, that holds the insulation in place around the pipe, tank, boiler, or other surface. The covering also keeps the friable insulation from being released. The hardness and thickness of coverings and jackets vary greatly.

However, if a cover is damaged, the asbestos fibers can be released, become airborne, and be inhaled. Therefore, care must be taken to avoid damaging the coverings and the insulation.

Insulation may crush if it is hit, walked on, or objects are leaned against it or hung from it. This loosens the asbestos from the binders and the cover from the insulation. Water can also dissolve the binders, and cause the cover to deteriorate. Coverings and insulation may deteriorate over time due to moisture in the air, contact with water, and heat.

If the covering is damaged, the insulation may release dusts that contain fibers, and the dust will disperse.

The best way to prevent fibers from being released is to avoid contacting and damaging the insulation and covering. Avoid hitting the insulation. Do not lay objects on top of insulation, hang materials from it, or walk on it. Never drill, sand, score, cut, or gouge it. Avoid dropping things on it.

Insulation covers should be kept in good condition and physically intact. If it is accidentally damaged, immediately leave the area and report the damage to the Asbestos Program Manager or Maintenance Office.

Do not cut, drill, saw, sand, remove, or repair any insulation unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing.

Insulation that is located in highly accessible areas and subject to frequent and repeated contact should have a solid barrier placed around it to avoid accidental damage.

Thermal Insulation Behind Walls and Above Ceilings

There may be pipes with asbestos-containing insulation behind fixed walls and above fixed and suspended ceilings in some buildings. Look for evidence of pipe penetrations through walls and ceilings before beginning renovation work. Exploratory demolition may be required before project initiation to determine if insulation is present. If insulation is discovered, arrange for a licensed Asbestos Inspector to collect samples and arrange for laboratory analysis. Asbestos abatement is necessary before renovation occurs.

Ceiling Tiles

Ceiling tiles may contain asbestos; therefore efforts must be made to avoid contacting and damaging them. Most ceiling tiles sold today usually do not contain as asbestos, but some may. Ceiling tiles may be hard or soft to the touch. Avoid hitting ceiling tiles. Do not move, cut, drill, saw, sand, remove, or repair them unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing. Do not hang anything from them or their supports. If ceiling tiles are damaged, report them immediately.

Wallboard and Ceiling Board with Joint Compound

Wall and ceiling boards are not likely to contain asbestos, but some may. Joint compound used to cover nails, cracks, and seams is likely to contain asbestos. Joint compound is rarely applied over the entire board, so after the boards are painted or wallpapered, it is difficult to determine exactly where the joint compound is present. The entire board is suspect.

Asbestos can be released when wallboard and ceiling board with joint compound becomes damaged. Dust may be released and dispersed. Like other asbestos-containing materials, care must be taken to avoid damaging them.

Do not cut, drill, saw, sand, remove, or repair any walls or ceilings unless you are specifically trained, authorized, and use proper work practices, procedures, equipment, and protective clothing.

All non-asbestos wall and ceiling boards that that have asbestos-containing joint compound on them must be treated as asbestos materials, because they cannot be removed without disturbing and releasing the asbestos in the joint compound. This means that removal must be conducted as asbestos abatement.

Appendix H

Forms

O&M Task Record

Date: _____ Start Time: _____ Stop Time: _____

Location: _____

Task: _____

_____

Personnel:

_____ Inside Work Area _____

_____ Outside Work Area _____

_____ Others _____

Notifications and Approvals

_____ Director of Facilities _____

_____ Building Personnel _____

_____ Other _____

Isolation of Area

_____ HVAC system shut off

_____ Fans shut off

_____ Equipment isolated

_____ Barrier Tape

_____ Signs posted at outside areas

_____ Glove bag

_____ Mini-enclosure and control ventilation

_____ HEPA vacuum

_____ Plastic floor covering

_____ Other_____

Other Equipment / Supplies

_____ Amended water

_____ Airless sprayer

_____ Disposable towels / cloths

_____ Duct tape

_____ Waste bags

_____ Tools

_____ Lockdown sealant

_____ Other_____

Personal Protection

_____ Respirator, Half-mask

_____ Respirator, Full face

_____ Respirator, PAPR

_____ Coveralls with head and foot coverings

_____ Safety Glasses

_____ Safety Goggles

_____ Gloves

_____ Other_____

Other

_____ Material removed_____

_____ Quantity removed_____

Air Sampling

_____ Personal

_____ Area

Release of Area

_____ HEPA vacuum area

_____ Double-bag waste

_____ Waste quantity_____

_____ Wet wipe surfaces

_____ Visually inspect area

_____ Remove signs and barrier tape

_____ Restore isolated equipment

_____ Restore ventilation

_____ Transport bagged waste to holding area

_____ Notify personnel when done

Supervisor

Name, signature, date _____

Asbestos Awareness Training

Date: _____ Start Time: _____ Stop Time: _____

Location:

_____ Agenda attached _____ Agenda not attached

Instructor's Name	Instructor's Signature

Employee Name's	Employee's Signature

Respirator Training

Date: _____ Start Time: _____ Stop Time: _____

Location:

_____ Agenda attached _____ Agenda not attached

Instructor's Name	Instructor's Signature

Employee Name's	Employee's Signature

Major Fiber Release Record

Date: _____ Time: _____

Location: _____

Description of Incident: _____

_____

_____

Responding Personnel:

First Responder's Name _____

Maintenance Personnel _____

Others _____

Notifications

Director of Facilities _____

Building Personnel _____

Other _____

Isolation of Area

_____ HVAC system shut off

_____ Fans shut off

_____ Area restricted

_____ Barrier Tape

_____ Signs posted at outside areas

Other _____

_____

_____

_____

_____

Materials

Material released _____

Quantity released _____

Status (circle) ACBM PACM

Planned Action

Asbestos Inspector contacted: _____

Asbestos Management Planner contacted: _____

Asbestos Abatement Contractor contacted: _____

Asbestos Project Designer contacted: _____

Estimated Time frame for Abatement: _____

Submitted by:

Name, title _____

Signature _____

Date _____