WILTON HIGH SCHOOL
B.O.E ADMINITRATION BUILDING

TOWN of WILTON
WILTON PUBLIC SCHOOLS

395 DANBURY 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:

ATC ASSOCIATES, INC
290 ROBERTS STREET
SUITE 301
EAST HARTFORD, CT 06108
860-282-9924

ATC PROJECT NO. 61.38954.0009

TABLE OF CONTENTS

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 30th 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:	Wilton High School- BOE Administration Building 395 Danbury 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: Wilton High School
Address: Administration Building (Bldgs. E, F)
395 Danbury 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 Wilton High School Administration Building is a two-story 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. The original building was constructed in 1971.

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

There was asbestos abatement conducted since the previous re-inspection.

The Wilton High School Administration Building underwent a major renovation in 2000 which asbestos thermal system insulation materials and spray-on fireproofing insulation was abated from Boiler Room and most accessible areas throughout the building. The letter from the architect can be found with the LEA.

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: tan joint compound, 12" silver w/gray mottled floor tile, and black mastic for 12" silver w/gray mottled floor tile.

- Materials found to be non-ACBM: gypsum board, cove base, cove base adhesive, 2'x4' suspended ceiling tile, yellow carpet adhesive, and white joint compound

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 Wilton High School Administration Building; located at 395 Danbury 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

- Joint Compound – Tan
- 12"x 12" Silver w/Gray Floor Tile
- Black Mastic for 12" Silver w/Gray Floor Tile
- Pipe insulation – (wet walls)
- Pipe fitting insulation – (wet walls)
- Duct Insulation –(removed)
- Textured Ceiling Coat
- White Spray-On Fireproofing (Debris)

Assumed ACBM

- Spray-On Fireproofing Brown
- Ceramic Tile Grout
- Ceramic Tile Setting Compound
- Rubber Stair Tread Adhesive

- Elevator door insulation
- Fire door insulation
- Interior Door Frame Caulk
- Interior Window Frame Caulk
- Interior Window Glazing
- Blue Stair Tread and Adhesive
- 12" Yellow Floor Tile and Associated Mastic
- White Sink Undercoat

Please note that all remaining suspect materials are considered non-asbestos under the architectural letter for the 2009 renovation.

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 relevant 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 Wilton High School Administration Building

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 ACBM within the Wilton High School Administration Building 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 pipe fitting insulation is assumed to be located within the facility 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.

- Non-Friable textured ceiling coat is located within the facility above the suspended ceiling tiles 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 $750.00.***
- Scheduled 6-month periodic surveillance – ***$350.00***
- Routine maintenance – ***approximately $1,000.00.***

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 Wilton High School Administration Building.

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.

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.

Surfacing Material (Textured Ceiling Coating)

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

MATERIAL DESCRIPTION	*LOCATION(S)*	*FRIABILITY/ AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Fire Door Insulation	**First Floor:** Boiler Room, Generator Room	NF/ 700 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
1" Ceramic Tile - Grout	**First Floor:** Custodian Closet, Bathrooms	NF/ 225 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
1" Ceramic Tile – Setting Compound	**First Floor:** Custodian Closet, Bathrooms	NF/ 225 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Textured Ceiling	**First Floor:** Boiler Room, Mechanical/Electrical Room, Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room, Stairwells 18, 19, 20.	NF/ 8,000 SF	No damage	X/8	Include in Q&M Program	M	Above SCT *Known ACM*

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 bazardous) to 8 (least hazardous). See explanations following these tables.

MATERIAL DESCRIPTION	*LOCATION(S)*	*FRIABILITY/ AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
12"x12" Gray w/Dark Gray Streaks Floor Tile and Associated Mastic	**First Floor:** Audio Visual Office, Work Room, District Tech Room T1, Hallway, Dial Access Room, BOE Central Offices,. Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room,	NF/ 1,650 SF	No damage	X/8	Include in Q&M Program	M	Floor Tile Located Under Carpet in Some Rooms *Known ACM*
12"x12" Silver w/Gray Streaks Floor Tile and Associated Mastic	**First Floor:** Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room,	NF/ 700 SF	No damage	X/8	Include in Q&M Program	M	Floor Tile Located Under Carpet in Some Rooms *Known ACM*

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	*LOCATION(S)*	*FRIABILITY/ AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Tan Joint Compound	**First Floor:** BOE Central Offices, Bathrooms, Hallway from Lobby 20 to Science Lab, Hallway, Bathrooms **Second Floor:** Superintendent Offices, Conference Room, Director of Human Resource Office, Copy Room, Office Area, Hallway, Bathrooms	NF/ 30,000 SF	No damage	X/8	Include in Q&M Program	M	*Known ACM*
12"x12" Yellow Floor Tile and Associated Mastic	**First Floor**: Lunch Room	NF/ 200 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
White Sink Undercoat	**First Floor:** Lunch Room	NF/ 3 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
4" Ceramic Wall Tile - Grout	**First Floor:** Bathrooms **Second Floor:** Bathrooms	NF/ 525 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
4" Ceramic Wall Tile – Setting Compound	**First Floor**: Bathrooms **Second Floor:** Bathrooms	NF/ 525 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.

MATERIAL DESCRIPTION	*LOCATION(S)*	*FRIABILITY/ AMOUNT(S)*	*CONDITION*	*CONDITION ASSMT./ HAZARD RATING*	*RECOMMENDED RESPONSE ACTION*	*TYPE*	*COMMENTS*
Blue Stair Treads and Associated Adhesive	**First Floor:** Administration Office Entry Lobby, Reception Area, Stairwell 18 Landings,	NF/ 160 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Interior Door Frame Caulk	All Doors within Buildings E and F	NF/ 40 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Interior Window Frame Caulk	All windows within Buildings E and F	NF/ 40 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Interior Window Glazing	All Windows within Buildings E and F	NF/ 50 SF	No damage	X/8	Include in Q&M Program	M	*Assumed*
Spray-On Fireproofing Residue	Corridor outside Library, District Tech Support Office	F/ 175 SF	No damage	5/8	Include in Q&M Program	S	*Known ACM*
Pipe Insulation	Bathrooms	F/ 50 LF	No damage	5/8	Include in Q&M Program	TSI	*Assumed within Wet walls*

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.

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 siguificant 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

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

Wilton High School

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
White Fireproofing	**3rd Floor Corridor**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
White Fireproofing	**Lecture Hall**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
White Fireproofing	**1st Floor Corridor**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
2'x 4' Ceiling Tiles	3rd Floor Elec. Storage	M		NON-ACM	PLM	CVTS – 1986
2'x 4' Ceiling Tiles	1st Floor Corridor by Gym	M		NON-ACM	PLM	CVTS – 1986
2'x 4' Ceiling Tiles	3rd Floor Corridor	M		NON-ACM	PLM	CVTS – 1986
1'x 3' Ceiling Tiles	Adm. Tel. Rm. – 2nd Floor	M		NON-ACM	PLM	CVTS – 1986
1'x 3' Ceiling Tiles	Corridor by Rm. 110A	M		NON-ACM	PLM	CVTS – 1986
1'x 3' Ceiling Tiles	Greenhouse Foyer	M		NON-ACM	PLM	CVTS – 1986
1'x 1' VAT	3rd Floor Elec. Storage	M		NON-ACM	PLM	CVTS – 1986
1'x 1' VAT	1st Floor Corridor by Gym	M		NON-ACM	PLM	CVTS – 1986
1'x 1' VAT	3rd Floor Elec. Storage	M		NON-ACM	PLM	CVTS – 1986
Sprayed-On Acoustical Treatment	**Classroom 211**	**S**	**Removed 2000**	**ACM**	**PLM**	**CVTS – 1986**
Sprayed-On Acoustical Treatment	**Classroom 110A**	**S**	**Removed 2000**	**ACM**	**PLM**	**CVTS – 1986**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Sprayed-On Acoustical Treatment	**Room 314**	**S**	**Removed 2000**	**ACM**	**PLM**	**CVTS – 1986**
Duct Insulation (Home Ec.)	**Classroom 110A**	**TSI**	**Removed 2000**	**ACM**	**PLM**	**CVTS – 1986**
Duct Insulation (Home Ec.)	**Classroom 110A**	**TSI**	**Removed 2000**	**ACM**	**PLM**	**CVTS – 1986**
Sprayed-On Acoustical Treatment	Classroom 110A	S		NON-ACM	PLM	CVTS – 1986
Sprayed-On Acoustical Treatment	Greenhouse	S		NON-ACM	PLM	CVTS – 1986
Sprayed-On Acoustical Treatment	Boiler Room	S		NON-ACM	PLM	CVTS – 1986
Sprayed-On Acoustical Treatment	Boiler Room	S		NON-ACM	PLM	CVTS – 1986
Ceiling Material	Boiler Room	M		NON-ACM	PLM	CVTS – 1986
Ceiling Material	Boiler Room	M		NON-ACM	PLM	CVTS – 1986
Ceiling Material	Boiler Room	M		NON-ACM	PLM	CVTS – 1986
Breeching	**Boiler Room**	**TSI**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
Breeching	**Boiler Room**	**TSI**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
Breeching	**Boiler Room**	**TSI**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1986**
2'x 2' Ceiling Tile	Boiler Room	M		NON-ACM	PLM	CVTS – 1986
2'x 2' Ceiling Tile	Boiler Room	M		NON-ACM	PLM	CVTS – 1986
Foil Lining Radiator	Indep. Study Office	M		NON-ACM	PLM	CVTS – 1986
White Fireproofing	**Third Floor, beam between rooms 318C & 319C**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
White Fireproofing	**Third Floor, Junction of center and north buildings, near exit**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
White Fireproofing	**Third Floor, outside room 312**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
Wbite Fireproofing	**Third Floor, between room 302B & 302C**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
White Fireproofing	**Second Floor, outside room 210, Principals office**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
White Fireproofing	**Second Floor Kitchen**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
White Fireproofing	**Second Floor resource center**	**S**	**1987/2000**	**ACM**	**PLM**	**CVTS – 1985**
Thermal Insulation: Pipe Covering	Third Floor, Between room 302B & 302C	TSI	1987/2000	NON-ACM	PLM	CVTS – 1985
Thermal Insulation: Pipe Covering	Second Floor, outside room 210, Principals office	TSI	1987/2000	NON-ACM	PLM	CVTS – 1985
Thermal Insulation: Pipe Covering	First Floor, between room 119B & 119C	TSI	1987/2000	NON-ACM	PLM	CVTS – 1985
Ceiling Tile, 2x4	2nd floor walkway	M		NON-ACM	PLM	CVTS – 1984
Ceiling Tile, 2x4	Throughout building	M		NON-ACM	PLM	CVTS – 1984
Ceiling Tile, 2x4	Throughout building	M		NON-ACM	PLM	CVTS – 1984
Popcorn Ceiling	**Kitcben Hall**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Popcorn Ceiling	**Kitchen Hall**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Popcorn Ceiling	**Kitchen Hall**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Popcorn Ceiling	**Kitchen Hall**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Popcorn Ceiling	**Cafeteria**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Popcorn Ceiling	**Cafeteria**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Popcorn Ceiling	**Cafeteria**	**S**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
Spray On BFT above Ceiling	Kitchen	S		NON-ACM	PLM	Mystic – 2000
Spray On BFT above Ceiling	Kitchen	S		NON-ACM	PLM	Mystic – 2000
Spray On BFT above Ceiling	Kitchen	S		NON-ACM	PLM	Mystic – 2000
VAT (grey)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT Mastic (black)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT (grey)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT Mastic (black)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT (grey)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT Mastic (black)	Kitchen Hall	M		NON-ACM	PLM	Mystic – 2000
VAT (grey)	**Cafeteria**	**M**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic (black)	**Cafeteria**	**M**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
VAT (grey)	**Cafeteria**	**M**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic	**Cafeteria**	**M**	**Removed**	**NA**	**PLM**	**Mystic – 2000**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
VAT (grey)	**Cafeteria**	**M**	**Removed**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic	**Cafeteria**	**M**	**Removed**	**NA**	**PLM**	**Mystic – 2000**
Cove Molding (black)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Cove Molding Mastic (brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Cove Molding (black)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Cove Molding Mastic (brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Cove Molding (black)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Cove Molding Mastic (brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
VAT (grey)	**Sci. Lect. Hall**	**M**	**Removed 2009**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic (black)	**Sci. Lect. Hall**	**M**	**Removed 2009**	**ACM**	**PLM**	**Mystic – 2000**
VAT (grey)	**Sci. Lect. Hall**	**M**	**Removed 2009**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic	**Sci. Lect. Hall**	**M**	**Removed 2009**	**NA**	**PLM**	**Mystic – 2000**
VAT (grey)	**Sci. Lect. Hall**	**M**	**Removed 2009**	**ACM**	**PLM**	**Mystic – 2000**
VAT Mastic	**Sci. Lect. Hall**	**M**	**Removed 2009**	**NA**	**PLM**	**Mystic – 2000**
Window Sealant (Brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (Brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (Brown)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (grey)	**Throughout**	**M**		**ACM**	**PLM**	**Mystic – 2000**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Window Sealant (grey)	**Throughout**	**M**		**NA**	**PLM**	**Mystic – 2000**
Window Sealant (grey)	**Throughout**	**M**		**NA**	**PLM**	**Mystic – 2000**
Window Sealant (grey)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (grey)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (grey)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (grey)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Window Sealant (grey)	Throughout	M		NON-ACM	PLM	Mystic – 2000
Foam Rod Fills Gaps		M		NON-ACM	PLM	Mystic – 2000
1'x 3' Textured Ceiling Tiles		M		NON-ACM	PLM	1991
4" Blue Cove Molding and Glue	Throughout	M		NON-ACM	PLM	2008
Gypsum Wall Board	Throughout	M		NON-ACM	PLM	2008
2'x 4' SCT (bird feet & holes)	Throughout	M		NON-ACM	PLM	2008
2'x 4' SCT (pock marks & pin holes)	Throughout	M		NON-ACM	PLM	2008
Black sink undercoating	**Area A first floor greenhouse prep**	M	**Removed 2009**	**2%**		**EnviroMed-2009**
Black sink undercoating	**Area A first floor greenhouse prep**	M	**Removed 2009**	**2%**		**EnviroMed-2009**
Canvas pipe insulation covering on the fiberglass pipe insulation	Area A first floor greenhouse prep	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Canvas pipe insulation covering on the fiberglass pipe insulation	Area A first floor greenhouse prep	M		NON-ACM		EnviroMed-2009
Canvas pipe insulation covering on the fiberglass pipe insulation	Area A first floor greenhouse prep	M		NON-ACM		EnviroMed-2009
Black interior window sealant	**Area A first floor greenhouse storage**	M		**4%**		**EnviroMed-2009**
Black interior window sealant	**Area A first floor greenhouse storage**	M		**NA**		**EnviroMed-2009**
2` by 4` suspended ceiling tiles – textured with air holes	Area A first floor greenhouse prep	M		NON-ACM		EnviroMed-2009
2` by 4` suspended ceiling tiles – textured with air holes	Area A first floor corridor adjacent to science lab 105	M		NON-ACM		EnviroMed-2009
2` by 4` suspended ceiling tiles – textured with air holes	Area A first floor project room 3	M		NON-ACM		EnviroMed-2009
Concrete masonry unit (CMU)	Area A first floor corridor adjacent to science lab 105	M		NON-ACM		EnviroMed-2009
Concrete masonry unit (CMU)	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
Concrete masonry unit (CMU)	Area A first floor corridor adjacent to science lab 103B	M		NON-ACM		EnviroMed-2009
Spray-on fire proofing insulation	Area A first floor corridor adjacent to science lab 105	S		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Spray-on fire proofing insulation	Area A first floor corridor adjacent to science lab 105	S		NON-ACM		EnviroMed-2009
Spray-on fire proofing insulation	Area A first floor corridor adjacent to science lab 106	S		NON-ACM		EnviroMed-2009
Spray-on fire proofing insulation	Area A first floor corridor adjacent to science lab 109	S		NON-ACM		EnviroMed-2009
Spray-on fire proofing insulation	Area A first floor corridor adjacent to science lab 103B	S		NON-ACM		EnviroMed-2009
12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor science lab 105**	**M**	**Removed 2009**	**3%**		**EnviroMed-2009**
12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor chemical storage**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor science lab 103a**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
Glue under 12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor science lab 105**	**M**	**Removed 2009**	**3%**		**EnviroMed-2009**
Glue under 12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor chemical storage**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
Glue under 12" by 12" gray stone pattern vinyl composite floor tile	**Area A first floor science lab 103a**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
12" by 12" white with brown and gray specks vinyl composite floor tile	**Area A first floor science lab 104**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
12" by 12" white with brown and gray specks vinyl composite floor tile	Area A first floor science lab 104	M	Removed 2009	NON-ACM		EnviroMed-2009
Glue/mastic under 12" by 12" white with brown and gray specks vinyl composite tile	Area A first floor science lab 104	M	Removed 2009	3%		EnviroMed-2009
Glue/mastic under 12" by 12" white with brown and gray specks vinyl composite tile	Area A first floor science lab 104	M	Removed 2009	NA		EnviroMed-2009
Transite countertop	Area A first floor science lab 107	M	Removed 2009	5%		EnviroMed-2009
Transite countertop	Area A first floor science lab 103B	M	Removed 2009	NA		EnviroMed-2009
Transite labware drying rack	Area A first floor science lab 105	M	Removed 2009	5%		EnviroMed-2009
Transite labware drying rack	Area A first floor project room	M	Removed 2009	NA		EnviroMed-2009
4" blue cove base	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
4" blue cove base	Area A first floor corridor adjacent to prep room	M		NON-ACM		EnviroMed-2009
Glue behind 4" blue cove base	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
Glue behind 4" blue cove base	Area A first floor corridor adjacent to prep room	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
4" black cove base	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
4" black cove base	Area A first floor science room 107	M		NON-ACM		EnviroMed-2009
Glue behind 4" black cove base	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
Glue behind 4" black cove base	Area A first floor science room 107	M		NON-ACM		EnviroMed-2009
Brown interior window frame caulk	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
Brown interior window frame caulk	Area A first floor science room 103B	M		NON-ACM		EnviroMed-2009
Gray glue daub	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
Gray glue daub	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Tan/gray glue daub	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Transite counter top joint caulk	Area A first floor science room 107	M		NON-ACM		EnviroMed-2009
Transite counter top joint caulk	**Area A first floor science room 102**	M	**Removed 2009**	**5%**		**EnviroMed-2009**
Transite lab bench shelf	**Area A first floor science room 106**	M	**Removed 2009**	**5%**		**EnviroMed-2009**
Transite lab bench shelf	**Area A first floor science room 107**	M	**Removed 2009**	**NA**		**EnviroMed-2009**
Gypsum wallboard – type 1	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Gypsum wallboard – type 1	Area A first floor science room 106	M		NON-ACM		EnviroMed-2009
Beige Joint compound – type 1	**Area A first floor science room 105**	**M**	**Removed 2009**	**2%**		**EnviroMed-2009**
Beige Joint compound – type 1	**Area A first floor science room 106**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
Beige Joint compound – type 1	**Area A first floor science room 108**	**M**	**Removed 2009**	**NA**		**EnviroMed-2009**
Gypsum wallboard – type 2	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
Gypsum wallboard – type 2	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
White joint compound – type 2	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
White joint compound – type 2	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
White joint compound – type 2	Area A first floor science room 104	M		NON-ACM		EnviroMed-2009
Residual flooring mastic	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
Residual flooring mastic	Area A first floor greenhouse storage	M		NON-ACM		EnviroMed-2009
4" black cove base – type 2	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
4" black cove base – type 2	Area A first floor science room 107	M		NON-ACM		EnviroMed-2009
Glue behind 4" black cove base – type 2	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Glue behind 4" black cove base – type 2	Area A first floor science room 107	M		NON-ACM		EnviroMed-2009
Wafer board	Area A first floor science room 106	M		NON-ACM		EnviroMed-2009
Wafer board	Area A first floor corridor adjacent to science lab 108	M		NON-ACM		EnviroMed-2009
Paper pipe insulation wrap on fiberglass pipe insulation	Area A first floor corridor adjacent to science lab 106	M		NON-ACM		EnviroMed-2009
Paper pipe insulation wrap on fiberglass pipe insulation	Area A first floor science lab 109	M		NON-ACM		EnviroMed-2009
Paper pipe insulation wrap on fiberglass pipe insulation	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
Carpet glue	Area A first floor corridor adjacent to science lab 106	M		NON-ACM		EnviroMed-2009
Carpet glue	Area A first floor science faculty workroom	M		NON-ACM		EnviroMed-2009
Cementitious exhaust vent sealant	Area A first floor science lab 107	M		NON-ACM		EnviroMed-2009
Cementitious exhaust vent sealant	Area A first floor science lab 108	M		NON-ACM		EnviroMed-2009
Lab hood duct caulk	**Area A first floor science lab 108**	M	**Removed 2009**	**3%**		**EnviroMed-2009**
Lab hood duct caulk	Area A first floor science lab 109	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
CMU mortar	First floor science lab 108	M		NON-ACM		EnviroMed-2009
CMU mortar	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
Gray beam bearing cover adhesive	Area A first floor science lab 109	M		NON-ACM		EnviroMed-2009
Gray beam bearing cover adhesive	Area A first floor science room 130B	M		NON-ACM		EnviroMed-2009
Wall plaster – skim coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009
Wall plaster – skim coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009
Wall plaster – skim coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009
Wall plaster – base coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009
Wall plaster – base coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009
Wall plaster – base coat	Area A first floor storage by science room 109	S		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
2` by 4` suspended ceiling tile - fissures	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
2` by 4` suspended ceiling tile - fissures	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
White sink undercoating	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
White sink undercoating	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
2` by 4` suspended ceiling tiles – worm holes	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
2` by 4` suspended ceiling tiles – worm holes	Area A first floor science faculty work room	M		NON-ACM		EnviroMed-2009
White ceiling texture	**Area A first floor science room 103B**	**S**	**Removed**	**2%**		**EnviroMed-2009**
White ceiling texture	**Area A first floor science room 105**	**S**	**Removed**	**NA**		**EnviroMed-2009**
White ceiling texture	**Area A first floor science room 103A**	**S**	**Removed**	**NA**		**EnviroMed-2009**
Gray/White ceiling texture	**Area B – first floor graphic arts room**	**S**		**2%**		**EnviroMed-2009**
White ceiling texture	**Area B – first floor graphic arts room**	**S**		**NA**		**EnviroMed-2009**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
White ceiling texture	**Area A first floor science room 104**	**S**	**Removed 2009**	**2%**		**EnviroMed-2009**
White ceiling texture	Area A first floor science room 107	S		NA		EnviroMed-2009
White ceiling texture	**Area A first floor chemical storage room by science lab 109**	**S**	**Removed 2009**	**2%**		**EnviroMed-2009**
Gray ceiling texture	Area B second floor little theater	S		NON-ACM		EnviroMed-2009
Gray ceiling texture	Area B second floor little theater	S		NON-ACM		EnviroMed-2009
Gray ceiling texture	Area A first floor greenhouse storage room	S		NON-ACM		EnviroMed-2009
Gray ceiling texture	Area E second floor library – media room	S		NON-ACM		EnviroMed-2009
Gray ceiling texture	Area A first floor corridor outside main lobby	S		NON-ACM		EnviroMed-2009
Transite panel (from old cabinet top)	**Area A first floor prep room**	**M**		**5%**		**EnviroMed-2009**
White cementitious	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
Tack board adhesive	Area A first floor prep room	M		NON-ACM		EnviroMed-2009
Floor leveler compound	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Floor leveler compound	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
4" gray cove base	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
4" gray cove base	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Glue behind 4" cove base	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Glue behind 4" cove base	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
12" x 12" gray with white splotches vinyl composite floor tile	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
12" x 12" gray with white splotches vinyl composite floor tile	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Black adhesive behind 12" x 12" gray with white splotches vinyl composite floor tile	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Black adhesive behind 12" x 12" gray with white splotches vinyl composite floor tile	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Interior window glazing compound – type 2	Area A first floor project room 4	M		NON-ACM		EnviroMed-2009
Interior window glazing compound – type 2	Area A first floor project room 5	M		NON-ACM		EnviroMed-2009
White ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
White ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Grout between white ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Grout between white ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Gray setting compound behind white ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Gray setting compound behind white ceramic wall and wall base tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
1“ x 1” gray ceramic floor tile	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
1“ x 1” gray ceramic floor tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Grout between 1” x 1” gray ceramic floor tile	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Grout between 1” x 1” gray ceramic floor tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Cementitious setting compound under 1” x 1” gray ceramic floor tile	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Cementitious setting compound under 1” x 1” gray ceramic floor tile	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Brown Gypsum ceiling board	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Brown Gypsum ceiling board	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Joint compound on brown gypsum ceiling board	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Joint compound on brown gypsum ceiling board	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Joint compound on brown gypsum ceiling board	Area A first floor animal storage room	M		NON-ACM		EnviroMed-2009
Tact board adhesive	Area A first floor science room 105	M		NON-ACM		EnviroMed-2009
Lab hood duct caulk	**Area A first floor science lab 104**	**M**	**Removed 2009**	**3%**		**EnviroMed-2009**
Yellow sink undercoating	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Yellow sink undercoating	Area A first floor science lab 104	M		NON-ACM		EnviroMed-2009
Brown exterior window frame caulk	Area A first floor science lab 105	M		NON-ACM		EnviroMed-2009
Brown exterior window frame caulk	Area A first floor science lab 105	M		NON-ACM		EnviroMed-2009
Black exterior louver sealant	Area A first floor science lab 105	M		NON-ACM		EnviroMed-2009
Black exterior louver sealant	Area A first floor science lab 105	M		NON-ACM		EnviroMed-2009
Tan carpet glue	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Tan carpet glue	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Tan carpet glue	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Black mastic	Area B first floor little theater	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Black mastic	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
1` x 1` fixed ceiling tile - splined	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
1` x 1` fixed ceiling tile - splined	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
Concrete skim coat	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Concrete skim coat	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Concrete skim coat	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Brown cove base glue – residual – type 1	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Brown cove base glue – residual – type 1	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Gypsum ceiling board	Area C first floor women's room (storage room)	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum ceiling board	**Area C first floor women's room (storage room)**	**M**		**2%**		**EnviroMed-2009**
12" x 12" beige with gray vinyl floor tile	Area C first floor women's room (storage room)	M		NON-ACM		EnviroMed-2009
12" x 12" beige with gray vinyl floor tile	Area C first floor women's room (storage room)	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Glue under with leveler 12" x 12" beige with gray vinyl floor tile	Area C first floor women's room (storage room)	M		NON-ACM		EnviroMed-2009
Glue under with leveler 12" x 12" beige with gray vinyl floor tile	**Area C first floor women's room (storage room)**	**M**		**3%**		**EnviroMed-2009**
Brown cove base glue – residual – type 2	Area B first floor women's room	M		NON-ACM		EnviroMed-2009
Brown cove base glue – residual – type 2	Area B first floor women's room	M		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation	Area B first floor women's room	S		NON-ACM		EnviroMed-2009
Gypsum wallboard	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Gypsum wallboard	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard	**Area B second floor little theater – tech booth**	**M**		**2%**		**EnviroMed-2009**
Joint compound on gypsum wallboard	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard	Area B second floor little theater	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
4" black cove base	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Glue behind 4" black cove base	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Glue behind 4" black cove base	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Gray carpet glue - floor	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Gray carpet glue - floor	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Blue carpet glue - wall	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Blue carpet glue - wall	Area B second floor little theater – tech booth	M		NON-ACM		EnviroMed-2009
Red brick	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
Red brick	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
Red brick mortar	Area B second floor little theater	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Red brick mortar	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
White fire door insulation	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
Red main curtain	Area B second floor little theater	M		NON-ACM		EnviroMed-2009
Black main curtain backing	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Black side curtain	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
White rope - curtain	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Old white spray-on insulation	**Area A first floor female toilet**	**S**		**10%**		**EnviroMed-2009**
Old white spray-on insulation	**Area A first floor corridor outside female toilet**	**S**		**15%**		**EnviroMed-2009**
Old white spray-on insulation	Area A first floor corridor outside main lobby	S		NON-ACM		EnviroMed-2009
Duct flex connector - black	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Duct flex connector - black	Area A first floor animal room	M		NON-ACM		EnviroMed-2009
Multi-color carpet glue	Area A second floor corridor	M		NON-ACM		EnviroMed-2009
Multi-color carpet glue	Area B third floor corridor	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
White ceiling texture – type 2	**Area E first floor director of finance office**	**S**		**2%**		**EnviroMed-2009**
White ceiling texture – type 2	**Area E first floor TV studio**	**S**		**2%**		**EnviroMed-2009**
White ceiling texture – type 2	**Area E first floor work room**	**S**		**2%**		**EnviroMed-2009**
Gypsum wallboard – type 3	Area E first floor Director of finance office	M		NON-ACM		EnviroMed-2009
Gypsum wallboard – type 3	Area E first floor AV	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard – type 3	Area E first floor Director of finance office	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard – type 3	Area E first floor AV	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard – type 3	Area E first floor district tech support	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile – bird feet	Area E first floor Director of finance office	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile – bird feet	Area E first floor corridor outside AV work room	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile – pin holes and pock marks	Area E first floor lunch room	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile – pin holes and pock marks	Area E first floor lunch room	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
2` x 2` suspended ceiling tile – popcorn texture	Area E first floor video work room	M		NON-ACM		EnviroMed-2009
2` x 2` suspended ceiling tile – popcorn texture	Area E first floor video work room	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile – pinholes and lines	Area E second floor library work room	M		NON-ACM		EnviroMed-2009
1` x 1` fixed ceiling tile - splined	Area E second floor library	M		NON-ACM		EnviroMed-2009
1` x 1` fixed ceiling tile - splined	Area E second floor library	M		NON-ACM		EnviroMed-2009
White ceiling texture	**Area E second floor director of human resources' office**	**S**		**2%**		**EnviroMed-2009**
White ceiling texture	**Area E second floor administration office suite**	**S**		**3%**		**EnviroMed-2009**
White ceiling texture	**Area E second floor superintendent's office**	**S**		**2%**		**EnviroMed-2009**
2`x4` suspended ceiling tile – pinholes and texture	Area E second floor corridor outside library	M		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation - beige	**Area E second floor corridor outside library**	**S**		**10%**		**EnviroMed-2009**
Spray-on fireproofing insulation - beige	**Area E second floor district tech support office**	**S**		**10%**		**EnviroMed-2009**

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Spray-on fireproofing insulation - beige	**Area E second floor corridor outside library**	**S**		**10%**		**EnviroMed-2009**
Multi-colored carpet backing and glue	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
Multi-colored carpet backing and glue	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
4" cream cove base	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
4" cream cove base	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
Glue behind 4" cream cove base	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
Glue behind 4" cream cove base	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
2` x 4` suspended ceiling tile - pinholes	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
White spray-on insulation	Area D first floor room D101	S		NON-ACM		EnviroMed-2009
White spray-on insulation	Area D first floor room D101	S		NON-ACM		EnviroMed-2009
White spray-on insulation	Area D first floor room D101	S		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard – type3	Area D first floor room D101	M		NON-ACM		EnviroMed-2009
Expansion joint	Area B second floor lobby	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Expansion joint	Area B second floor lobby	M		NON-ACM		EnviroMed-2009
Gypsum wallboard	Area A third floor classroom B308	M		NON-ACM		EnviroMed-2009
Joint compound on gypsum wallboard	**Area A third floor classroom B309**	**M**		**2%**		**EnviroMed-2009**
Black mastic behind 4" blue cove base	Area B second floor corridor outside classroom 214	M		NON-ACM		EnviroMed-2009
Soffit plaster – skim coat - textured	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Soffit plaster – skim coat - textured	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Soffit plaster – skim coat - textured	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Soffit plaster – base coat	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Soffit plaster – base coat	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Soffit plaster – base coat	Area B second floor computer lab	S		NON-ACM		EnviroMed-2009
Pipe insulation end cap compound on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009
Pipe insulation end cap compound on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009
Pipe insulation end cap compound on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Canvas pipe wrap on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009
Canvas pipe wrap on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009
Canvas pipe wrap on fiberglass pipe insulation	Area D - gallery	M		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation gray - white	Area D – first floor yard equipment storage room	S		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation gray - white	Area D – first floor yard equipment storage room	S		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation gray - white	Area D – first floor yard equipment storage room	S		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation gray - white	Area D – first floor yard equipment storage room	S		NON-ACM		EnviroMed-2009
Spray-on fireproofing insulation gray - white	Area D – first floor yard equipment storage room	S		NON-ACM		EnviroMed-2009
6" gray ceramic floor tile	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009
6" gray ceramic floor tile	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009
Grout between 6" gray ceramic floor tile	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Grout between 6" gray ceramic floor tile	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009
Setting compound under 6" gray ceramic floor tile Area C – second	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009
Setting compound under 6" gray ceramic floor tile Area C – second	Area C – second floor ice room	M		NON-ACM		EnviroMed-2009
Black pitch box cement	Roof A	M		NON-ACM		EnviroMed-2009
Black pitch box cement	Roof A	M		NON-ACM		EnviroMed-2009
Black asphalt roll felt	Roof A	M		NON-ACM		EnviroMed-2009
Black asphalt roll felt	Roof A	M		NON-ACM		EnviroMed-2009
Gray flashing cement corner	Roof A	M		NON-ACM		EnviroMed-2009
Gray flashing cement corner	Roof A	M		NON-ACM		EnviroMed-2009
Black roof cement	Roof A	M		NON-ACM		EnviroMed-2009
Black roof cement	Roof A	M		NON-ACM		EnviroMed-2009
Rubber base of legs	Roof A	M		NON-ACM		EnviroMed-2009
Pitch box rubber covering	Roof A	M		NON-ACM		EnviroMed-2009
Black cement on legs and pipe	Roof A	M		NON-ACM		EnviroMed-2009
Black cement on legs and pipe	Roof A	M		NON-ACM		EnviroMed-2009
Black pitch box cement	Roof B	M		NON-ACM		EnviroMed-2009
Green asphalt roll roofing flash	Roof C	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Gray cement flashing	Roof C	M		NON-ACM		EnviroMed-2009
Black pitch box cement	Roof C	M		NON-ACM		EnviroMed-2009
Pitch box rubber	Roof D	M		NON-ACM		EnviroMed-2009
Pitch box rubber	Roof D	M		NON-ACM		EnviroMed-2009
Black asphalt flashing	Roof D	M		NON-ACM		EnviroMed-2009
Black asphalt flashing	Roof D	M		NON-ACM		EnviroMed-2009
Black flashing cement	Roof D	M		NON-ACM		EnviroMed-2009
White duct paint	Roof D	M		NON-ACM		EnviroMed-2009
White duct paint	Roof D	M		NON-ACM		EnviroMed-2009
White cloth duct wrap	Roof D	M		NON-ACM		EnviroMed-2009
White cloth duct wrap	Roof D	M		NON-ACM		EnviroMed-2009
Black roof cement	Roof D	M		NON-ACM		EnviroMed-2009
Black roof cement	Roof D	M		NON-ACM		EnviroMed-2009
Green asphalt roofing	Roof B	M		NON-ACM		EnviroMed-2009
Green asphalt roofing	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper – top layer	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper – second layer	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper – third layer	Roof B	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Felt paper – fourth layer	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper – bottom layer	Roof B	M		NON-ACM		EnviroMed-2009
Black cement between layer	Roof B	M		NON-ACM		EnviroMed-2009
Brown sound board with black cement	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper on Styrofoam	Roof B	M		NON-ACM		EnviroMed-2009
Black cement base	Roof B	M		NON-ACM		EnviroMed-2009
Felt paper – top layer	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper – second layer	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper – third layer	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper – fourth layer	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper – bottom layer	Roof C	M		NON-ACM		EnviroMed-2009
Black cement between layer	Roof C	M		NON-ACM		EnviroMed-2009
Brown sound board with black cement	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper on Styrofoam	Rood C	M		NON-ACM		EnviroMed-2009
Black cement base	Roof C	M		NON-ACM		EnviroMed-2009
Felt paper – top layer	Roof A	M		NON-ACM		EnviroMed-2009
Felt paper – second layer	Roof A	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Felt paper – third layer	Roof A	M		NON-ACM		EnviroMed-2009
Felt paper – bottom layer	Roof A	M		NON-ACM		EnviroMed-2009
Black cement between layer	Roof A	M		NON-ACM		EnviroMed-2009
Black felt between sound board and Styrofoam board	Roof A	M		NON-ACM		EnviroMed-2009
Black cement base	Roof A	M		NON-ACM		EnviroMed-2009
Felt paper – top layer	Roof E	M		NON-ACM		EnviroMed-2009
Felt paper – second layer	Roof E	M		NON-ACM		EnviroMed-2009
Felt paper – third layer	Roof E	M		NON-ACM		EnviroMed-2009
Felt paper – bottom layer	Roof E	M		NON-ACM		EnviroMed-2009
Black cement between layer	Roof E	M		NON-ACM		EnviroMed-2009
Half-inch sound board	Roof E	M		NON-ACM		EnviroMed-2009
Felt paper on 2" Styrofoam board	Roof E	M		NON-ACM		EnviroMed-2009
Black cement base	Roof E	M		NON-ACM		EnviroMed-2009
Black asphalt flashing	Roof E	M		NON-ACM		EnviroMed-2009
Black cement flashing	Roof E	M		NON-ACM		EnviroMed-2009
Black pitch box cement	Roof E	M		NON-ACM		EnviroMed-2009
White duct paint	Roof E	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
White cloth duct wrap	Roof E	M		NON-ACM		EnviroMed-2009
Spray-0n insulation over spray debris on brick wall ledge	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Spray-on insulation debris on suspended ceiling tile	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on electrical conduit	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Spray-on insulation debris on carpet floor	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Brown fire stop	Area B first floor corridor outside the little theater	M		NON-ACM		EnviroMed-2009
Brown fire stop	Area B first floor corridor outside the little theater	M		NON-ACM		EnviroMed-2009
Spray-on insulation on wall ledge	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Spray-on insulation on pipe and debris on suspended ceiling tile	Area B first floor corridor outside the little theater	S		NON-ACM		EnviroMed-2009
Gray CMU mortar	Area B first floor little theater	M		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Gray CMU mortar	Area B first floor little theater	M		NON-ACM		EnviroMed-2009
Spray-on insulation debris on suspended ceiling tile and pipe	Area B first floor corridor outside music library	S		NON-ACM		EnviroMed-2009
Dust on suspended ceiling tile	Area B first floor corridor outside room 110B	M		NON-ACM		EnviroMed-2009
Dust on suspended ceiling tile	Area A first floor corridor outside computer graphics	M		Trace Chrysotile		EnviroMed-2009
Spray-on insulation on duct work	Area A second floor corridor outside room 206B	S		NON-ACM		EnviroMed-2009
Spray-on insulation debris on electrical conduit	Area A second floor corridor outside room 206B	S		NON-ACM		EnviroMed-2009
Spray-on insulation on beam angel bracket	Area A second floor corridor outside room 206B	S		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on concrete beam	Area B second floor corridor outside lobby	S		NON-ACM		EnviroMed-2009
Dust and spray on debris on top of duct	Area B second floor corridor outside room 212A	M		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on electrical conduit	Area B second floor corridor outside career center	S		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Spray-on insulation over spray on duct	Area B second floor corridor outside computer lab	S		NON-ACM		EnviroMed-2009
Dust on suspended ceiling tile	Area B second floor corridor outside room 217	M		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on valve	Area A second floor corridor outside lobby	S		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on duct	Area A third floor corridor outside room 317A	S		NON-ACM		EnviroMed-2009
Spray-on insulation debris on suspended ceiling tile	Area A third floor corridor outside room 317C	S		NON-ACM		EnviroMed-2009
Spray-on insulation debris on cable tray	Area B third floor corridor outside audio lab room	S		NON-ACM		EnviroMed-2009
Dust and spray-on insulation over spray debris on duct and electrical junction box	Area B third floor corridor outside room 327	S		NON-ACM		EnviroMed-2009
Dust on top of light fixture	Area C third floor corridor outside toilet rooms	M		NON-ACM		EnviroMed-2009
Spray-on insulation over spray on duct	Area C third floor corridor outside room 317D	S		NON-ACM		EnviroMed-2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Dust on top of duct	Area C third floor corridor outside room 319B	M		NON-ACM		EnviroMed-2009
Spray-on debris on cable tray	Area B third floor corridor outside room 310	S		NON-ACM		EnviroMed-2009
Dust on top of light fixture	Area B third floor corridor outside room 315	M		NON-ACM		EnviroMed-2009
Dust on top of duct work	Area E second floor corridor outside administration offices	M		NON-ACM		EnviroMed-2009
Dust on suspended ceiling tile and pipe insulation	Area E first floor corridor outside district tech support	M		NON-ACM		EnviroMed-2009
Mudded Fitting	3rd Floor Bldg. A o/s Room 301A	TSI		<1%	PLM	ATC – 2009
Mudded Fitting	3rd Floor Bldg. A o/s Room 301A	TSI		<1%	PLM	ATC – 2009
Transite Panel on Duct	**3rd Floor Bldg. A Storage Room**	**M**		**ACM**	**PLM**	**ATC – 2009**
Transite Panel on Duct	**3rd Floor Bldg. A Electrical Room**	**M**		**ACM**	**PLM**	**ATC – 2009**
Mudded Fitting	3rd Floor Bldg. B o/s women's bathroom by Stair 7	TSI		<1%	PLM	ATC – 2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Mudded Fitting	3rd Floor Bldg. B o/s women's bathroom by Stair 7	TSI		<1%	PLM	ATC – 2009
Mudded Fitting	Field House Mezz. Level	TSI		NON-ACM	PLM	ATC – 2009
Mudded Fitting	Field House Mezz. Level	TSI		NON-ACM	PLM	ATC – 2009
Mudded Fitting	Green House, 1st Floor Bldg. A	TSI		NON-ACM	PLM	ATC – 2009
Mudded Fitting	Green House, 1st Floor Bldg. A	TSI		NON-ACM	PLM	ATC – 2009
Black Glue Daubs	Wall Top of 2nd Floor	M		NON-ACM	PLM	ATC – 2009
Tan Glue Daubs	Wall Top of 2nd Floor	M		NON-ACM	PLM	ATC – 2009
Black Glue Daubs	Wall Top of 2nd Floor	M		NON-ACM	PLM	ATC – 2009
Tan Glue Daubs	Wall Top of 2nd Floor	M		NON-ACM	PLM	ATC – 2009
Textured Ceiling	**1st Floor Vestibule**	**S**	**Removed 2009**	**ACM**	**TEM**	**ATC – 2009**
Textured Ceiling	**1st Floor Vestibule**	**S**	**Removed 2009**	**ACM**	**TEM**	**ATC – 2009**
Textured Ceiling	**1st Floor Vestibule**	**S**	**Removed 2009**	**ACM**	**TEM**	**ATC – 2009**
Plaster Skim Coat White	1st Floor Vestibule	S		<1%	PLM	ATC – 2009
Plaster Skim Coat White	1st Floor Vestibule	S		<1%	PLM	ATC – 2009
Plaster Skim Coat White	1st Floor Vestibule	S		<1%	PLM	ATC – 2009
Plaster Base Coat Grey	1st Floor Vestibule	S		<1%	PLM	ATC – 2009

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
Plaster Base Coat Grey	1st Floor Vestibule	S		<1%	PLM	ATC – 2009
Plaster Base Coat Grey	1st Floor Vestibule	S		<1%	PLM	ATC – 2009
Joint Compound – Tan	**o/s Room 328**	**M**		**ACM**	**PLM**	**ATC – 2011**
Joint Compound – Tan	**o/s Room 314**	**M**		**ACM**	**PLM**	**ATC – 2011**
Joint Compound – Tan	**o/s 2nd Floor Stair 4**	**M**		**ACM**	**PLM**	**ATC – 2011**
Gypsum Board	o/s Room 328	M		NON-ACM	PLM	ATC – 2011
Gypsum Board	o/s Room 314	M		NON-ACM	PLM	ATC – 2011
Gypsum Board	o/s 2nd Floor Stair 4	M		NON-ACM	PLM	ATC – 2011
4" Blue Cove Base	o/s Room 317	M		NON-ACM	PLM	ATC – 2011
4" Blue Cove Base	o/s 1st Floor Electrical	M		NON-ACM	PLM	ATC – 2011
4" Blue Cove Base	o/s 2nd Floor Stair 4	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Blue Cove Base	o/s Room 317	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Blue Cove Base	o/s 1st Floor Electrical	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Blue Cove Base	o/s 2nd Floor Stair 4	M		NON-ACM	PLM	ATC – 2011
4" White Cove Base	Dark Room	M		NON-ACM	PLM	ATC – 2011
4" White Cove Base	Room 120	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" White Cove Base	Dark Room	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" White Cove Base	Room 120	M		NON-ACM	PLM	ATC – 2011

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT 06897

Updated December 2011
ATC Associates

MATERIAL DESCRIPTION	LOCATION(S)	TYPE	REMOVED	ACM / NON-ACM	ANALYSIS	SAMPLED BY
1' x1' White Spline Ceiling Tile	2nd Floor by Stair 7	M		NON-ACM	PLM	ATC – 2011
1' x1' White Spline Ceiling Tile	o/s Room 321	M		NON-ACM	PLM	ATC – 2011
Yellow Carpet Glue	2nd Floor o/s Stair 4	M		NON-ACM	PLM	ATC – 2011
Yellow Carpet Glue	o/s Room 326	M		NON-ACM	PLM	ATC – 2011
Joint Compound – White	Lunch Room	M		NON-ACM	PLM	ATC – 2011
Joint Compound – Tan	**Storage Closet 1st Floor Hall**	**M**		**ACM**	**PLM**	**ATC – 2011**
Joint Compound - White	1st Floor Hall	M		NON-ACM	PLM	ATC – 2011
Gypsum Board	Lunch Room	M		NON-ACM	PLM	ATC – 2011
Gypsum Board	Storage Closet 1st Floor Hall	M		NON-ACM	PLM	ATC – 2011
Gypsum Board	1st Floor Hall	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Black Cove Base	Audio Visual	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Black Cove Base	Audio Visual	M		NON-ACM	PLM	ATC – 2011
2'x 4' Suspended Ceiling Tile – Fissured	1st Floor Lobby	M		NON-ACM	PLM	ATC – 2011

HISTORICAL SAMPLING TABLE

WILTON HIGH SCHOOL
395 DANBURY 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 – Fissured	1st Floor Hall	M		NON-ACM	PLM	ATC – 2011
12"x 12" Silver w/Gray Floor Tile	**Audio Visual**	**M**		**ACM**	**PLM**	**ATC – 2011**
12"x 12" Silver w/Gray Floor Tile	**Audio Visual**	**M**		**ACM**	**PLM**	**ATC – 2011**
Black Mastic for 12" Silver w/Gray Floor Tile	**Audio Visual**	**M**		**ACM**	**PLM**	**ATC – 2011**
Black Mastic for 12" Silver w/Gray Floor Tile	**Audio Visual**	**M**		**ACM**	**PLM**	**ATC – 2011**
Yellow Carpet Glue	1st Floor Lobby	M		NON-ACM	PLM	ATC – 2011
Yellow Carpet Glue	2nd Floor Hall	M		NON-ACM	PLM	ATC – 2011
4" Blue Cove Base	Lunch Room	M		NON-ACM	PLM	ATC – 2011
4" Blue Cove Base	1st Floor Hall	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Blue Cove Base	Lunch Room	M		NON-ACM	PLM	ATC – 2011
Adhesive for 4" Blue Cove Base	1st Floor Hall	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

Principal Instructor

December 1-2, 2011
Date of Course

December 2, 2012
Expiration Date

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.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED BY THE DEPARTMENT AS

ASBESTOS CONSULTANT-INSPECTOR

LICENSE NO. 000576
CURRENT THROUGH 09/30/12
VALIDATION NO. 03-298390

SCOTT L JOHNSON

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
SCOTT L JOHNSON

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-298390	000576	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. Mersch
Principal Instructor

December 16-18, 2003
Date of Course

December 18, 2004
Expiration Date

Gregory J. Mersch
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

Principal Instructor	Regional Manager
December 9, 2004	SIAR-1820
Date of Course	Certificate Number
December 9, 2005	December 9, 2004
Expiration Date	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 29, 2005
Date of Course

November 29, 2006
Expiration Date

Regional Manager

SIAR-2045
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. Marsh
Principal Instructor

November 29, 2006
Date of Course

November 29, 2007
Expiration Date

Gregory J. Marsh
Regional Manager

SIER-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. Marsch
Principal Instructor

November 28, 2007
Date of Course

November 28, 2008
Expiration Date

Gregory J. Marsch
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

Principal Instructor

November 20, 2008
Date of Course

November 20, 2009
Expiration Date

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 L. Marsh
Principal Instructor

November 19, 2009
Date of Course

November 19, 2010
Expiration Date

Gregory L. Marsh
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. Marek
Principal Instructor

October 20, 2011
Date of Course

October 20, 2013
Expiration Date

Gregory J. Marek
Regional Manager

MAR-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.
000237

CURRENT THROUGH
09/30/12

VALIDATION NO.
03-2887

STEVEN M DOUGLAS

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. Morach
Principal Instructor

February 19-20, 2009
Date of Course

February 20, 2010
Expiration Date

Gregory J. Morach
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. Mersch
Principal Instructor

March 25, 2009
Date of Course

March 26, 2010
Expiration Date

Gregory J. Mersch
Regional Manager

MPAR-2395
Certificate Number

March 25, 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 Q. Worrall
Principal Instructor

March 25, 2010
Date of Course

March 25, 2011
Expiration Date

Gregory Q. Worrall
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

David Holtzi
Principal Instructor

April 9-11, 2007
Date of Course

April 11, 2008
Expiration Date

Gregory J. Tisnek
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

Principal Instructor

March 20, 2008
Date of Course

March 20, 2009
Expiration Date

Regional Manager

STAR-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

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

Gregory J. Marsch

Principal Instructor

March 26, 2009

Date of Course

March 26, 2010

Expiration Date

Gregory J. Marsch

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 D. Mistark
Principal Instructor

March 24, 2011
Date of Course

March 24, 2012
Expiration Date

Gregory D. Mistark
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

ATC ASSOCIATES INC.
Engineering Individual Solutions

290 Roberts Street, Suite 301
East Hartford, CT 06108
860-282-9924
Fax 860-282-9826
www.atcassociates.com

LETTER OF TRANSMITTAL

September 17, 2010

Mr. Sean O'Toole
Supervisor of Buildings and Grounds
Wilton Public Schools
395 Danbury Road
Wilton, CT 06897

Re: Two-Hour Asbestos Awareness Training
Wilton Public Schools
Custodial/Maintenance Personnel
ATC Project No. 61.38954.0004

Attached please find the following documentation:

COPIES	*DATE*	*DESCRIPTION*
1 each	8/17/10	Training Certificate for each Attendee
1	8/17/10	Training Sign-In Sheets

These are transmitted for your files.

Sincerely,

Steven E. Gothers, CMI
Senior Project Manager

S:\BldgSci\Clients\TownofWilton\061.38954.0004.training\091710LOT.wilton.asb.training.doc

ATTENDANCE SHEET

Sheet 1 of 3

COURSE #

Course ASBESTOS AWARENESS

Instructor Signature

Instructor Signature Steve Bothers [signature]

Date/Time 8/17/10

Location WILTON SCHOOLS

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
1	JOHN MCKAY	[signature]			WILTON SCHOOL		7853	
2	[illegible]	[signature]			M.B.S		7854	
3	[illegible]	[signature]			M.B.S.		7855	
4	Jesus M. Martinez	[signature]			M-D		7856	
5	Thomas B Payton	[signature]			W.H.S		7857	
6	Pauline Rosado	[signature]			W.H.S		7858	
7	[illegible] Kowalkiewicz	[signature]			W H S		7859	
8	Richard R. Ford	[signature]			M B		7860	
9	Michael Hastings	[signature]			[illegible]		7861	
10	Fred Collis	[signature]			WHS		7862	
11	Jose J. Figueroa	[signature]			WHS		7863	
12	Rudy Angel	[signature]			WHS		7864	
13	NELSON MCCASTRO	[signature]			M-B-S		7865	
14	Mattie Corcoran	[signature]			DIST		7866	
15	Louis Russ	Louis Russ			W.H.S.		7867	
16	PIERRE MAXTHORY	[signature]			WHS		7868	

2-03

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
17	Cesar Jimenez				Wilton Board of Ed		-1864	
18	Luis Muller				Wilton 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								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								

ATTENDANCE SHEET

Sheet 3 of 3

COURSE # __________ Date/Time __________

Course __________ Location __________

Instructor Signature __________

Instructor Signature __________

	PRINT Name	SIGNATURE	IN am	IN pm	COMPANY	EXAM GRADE	CERTIFICATE NUMBER	BILLING
1	Steve O'Toole	[illegible]			W.H.S		-18[illegible]	
2	[illegible] Rod[illegible]	[illegible]			M+D		-1876	
3	Guillermo Ramirez	Guillermo Ramirez			W.H.S.		-1877	
4	Lorena Farias	Lorena Farias			W.H.S.		-1878	
5	Bolter Galvan	[illegible]			W.H.S		-1879	
6	Elmer Bustillo	[illegible]			W.H.S.		-1880	
7	Dalva [illegible]	[illegible]			M.B.S		-1881	
8	Willey Edy	[illegible]			MBS		-1882	
9	[illegible] Joseph	[illegible]			8-17-10		-1883	
10	Lorenzo Melendez	[illegible]			8-17-10		-1884	
11	[illegible]				8-17-10		-1885	
12	Jose Marcos Castro	Marcos Castro			8-17-2010		-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

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

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

Gregory J. Morash
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

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

Stan E Koronkiewicz
Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

Gregory J. Morach
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. [illegible]
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

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

Gregory J. Morsch

Principal Instructor

Regional Manager

August 17, 2010
Date of Course

2AH-7864
Certificate Number

August 17, 2011
Expiration Date

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

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. Monack
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

Gregory J. Morash
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. Moran
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

Gregory J. Morash
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

Gregory J. Morach
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	Regional Manager
August 17, 2010	2AH-7876
Date of Course	Certificate Number
August 17, 2011	Not Applicable
Expiration Date	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

Gregory J. Morash
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

Gregory J. Morash
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. Noonan

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

Gregory J. Morrell
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. Morad
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

Gregory J. Morach

Principal Instructor

August 17, 2010
Date of Course

August 17, 2011
Expiration Date

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. Morash
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. Morad

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

Gregory J. Morach
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, Deen	
	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 menagement plan.

Please list end identify any schools that heve 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)

The S / L / A / M Collaborative

Architecture
Planning
Interior Architecture
Structural Engineering
Landscape Architecture
Construction Services

January 10, 2012

Sean O'Toole
Wilton Board of Education
395 Danbury Road
Wilton, Connecticut 06897

RE: Renovations to Wilton High School
SLAM Project No. 08017.00

Dear Mr. O'Toole:

The SLAM Collaborative has completed the design and construction administration of renovations to the Wilton High School, including a full replacement of HVAC systems throughout the building, renovations to the 3,900 square foot Little Theater, and renovations to approximately 12,500 square feet in the science department.

To the best of our knowledge, information and belief, no asbestos materials or asbestos containing products were installed in the Wilton High School in conjunction with the renovation and construction project designed by this office (Project Manual and Drawings dated December 23, 2008).

Sincerely,

The S / L / A / M Collaborative

Glenn Gollenberg, AIA
Principal

Atlanta, GA

Boston, MA

cc: File

Somerset Square
80 Glastonbury Boulevard
Glastonbury
Connecticut 06033-4415
Phone 860 657.8077
Fax 860 657.3141

mail@slamcoll.com
www.slamcoll.com

APPENDIX G

ASBESTOS INSPECTION DOCUMENTATION

LIMITED SURVEY FOR ASBESTOS-CONTAINING MATERIALS

WILTON HIGH SCHOOL ADMINISTRATION BUILDING 395 DANBURY ROAD

WILTON PUBLIC SCHOOLS WILTON, CT 06897

ATC PROJECT NO. 61.38954.0009 JANUARY 12, 2012

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

SECTION

APPENDICES

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 Wilton High School Administration Building, located at 395 Danbury 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 28, 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
WILTON HIGH SCHOOL
ADMINISTRATION BUILDING
DECEMBER 28, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122811-Ad-1A	Lunch Room	Joint Compound – White	NAD

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS
WILTON HIGH SCHOOL
ADMINISTRATION BUILDING
DECEMBER 28, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122811-Ad-1B	**Storage Closet 1st Floor Hall**	**Joint Compound – Tan**	**2% CH**
122811-Ad-1B	1st Floor Hall	Joint Compound - White	NAD
122811-Ad-2A	Lunch Room	Gypsum Board	NAD
122811-Ad-2B	Storage Closet 1st Floor Hall	Gypsum Board	NAD
122811-Ad-2B	1st Floor Hall	Gypsum Board	NAD
122811-Ad-3A	Audio Visual	Adhesive for 4" Black Cove Base	NAD
122811-Ad-3B	Audio Visual	Adhesive for 4" Black Cove Base	NAD
122811-Ad-4A	1st Floor Lobby	2'x 4' Suspended Ceiling Tile – Fissured	NAD
122811-Ad-4B	1st Floor Hall	2'x 4' Suspended Ceiling Tile – Fissured	NAD
122811-Ad-5A	**Audio Visual**	**12"x 12" Silver w/Gray Floor Tile**	**2% CH**
122811-Ad-5B	**Audio Visual**	**12"x 12" Silver w/Gray Floor Tile**	**NA/PS**
122811-Ad-6A	**Audio Visual**	**Black Mastic for 12" Silver w/Gray Floor Tile**	**10% CH**
122811-Ad-6B	**Audio Visual**	**Black Mastic for 12" Silver w/Gray Floor Tile**	**NA/PS**
122811-Ad-7A	1st Floor Lobby	Yellow Carpet Glue	NAD
122811-Ad-7B	2nd Floor Hall	Yellow Carpet Glue	NAD
122811-Ad-8A	Lunch Room	4" Blue Cove Base	NAD
122811-Ad-8B	1st Floor Hall	4" Blue Cove Base	NAD

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS
WILTON HIGH SCHOOL
ADMINISTRATION BUILDING
DECEMBER 28, 2011

Sample Number	*Location*	*Material*	*Asbestos (% Type)*
122811-Ad-9A	Lunch Room	Adhesive for 4" Blue Cove Base	NAD
122811-Ad-9B	1st Floor Hall	Adhesive for 4" Blue Cove Base	NAD

NAD=No Asbestos Detected
CH=Chrysotile
NA/PS=Not Analyzed Positive Stop

Based on laboratory analysis, the following materials sampled as part of this limited survey were found to be ACM:

- Joint Compound – Tan
- 12" Silver w/Gray Floor Tile
- Black Mastic for 12" Silver w/Gray Floor Tile

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

- Joint Compound – White
- Gypsum Board
- 4" Blue Cove Base
- Adhesive for 4" Blue Cove Base
- Adhesive for 4" Black Cove Base
- Yellow Carpet Adhesive
- 2'x 4' Suspended Ceiling Tile - Fissured

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 Wilton High School Administration Building. 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, ADMINISTRATIVE, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200067

EMSL Proj:
Analysis Date: 1/9/2012

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**
122811-Ad-1A *241200067-0001*	Lunch room - Joint compound	White Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		100% Non-fibrous (other)	**None Detected**
122811-Ad-1B *241200067-0002*	Storage closet - Joint compound	Tan Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (other)		98% Non-fibrous (other)	**2% Chrysotile**
122811-Ad-2A *241200067-0003*	Lunch room - Gypsum board	Gray Non-Fibrous Heterogeneous	10% Cellulose		90% Non-fibrous (other)	**None Detected**
122811-Ad-2B *241200067-0004*	Storage closet - Gypsum board	Gray Non-Fibrous Heterogeneous	12% Cellulose		88% Non-fibrous (other)	**None Detected**
122811-Ad-3A *241200067-0005*	Audio visual - Adhesive for 4" black cove base	Brown Non-Fibrous Heterogeneous	2% Fibrous (other) <1% Cellulose		98% Non-fibrous (other)	**None Detected**
122811-Ad-3B *241200067-0006*	Audio visual - Adhesive for 4" black cove base	Brown Non-Fibrous Heterogeneous	2% Cellulose <1% Fibrous (other)		98% Non-fibrous (other)	**None Detected**
122811-Ad-4A *241200067-0007*	1st floor lobby - 2'x4' white pinhole fissured CT	Gray/White Fibrous Heterogeneous	70% Cellulose 10% Min. Wool		20% Non-fibrous (other)	**None Detected**

Initial report from 01/10/2012 08:17:19

Analyst(s)

Todd Patrick (7)
William Shedrawy (11)

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, ADMINISTRATIVE, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200067
EMSL Proj:
Analysis Date: 1/9/2012

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**
122811-Ad-4B *241200067-0008*	1st floor hall - 2'x4' white pinhole fissured CT	Gray/White Fibrous Heterogeneous	65% 10%	Cellulose Min. Wool	25% Non-fibrous (other)	**None Detected**
122811-Ad-5A *241200067-0009*	Audio visual - 12" silver with grey FT	Gray/Silver Non-Fibrous Heterogeneous	<1% <1%	Cellulose Fibrous (other)	98% Non-fibrous (other)	**2% Chrysotile**
122811-Ad-5B *241200067-0010*	Audio visual - 12" silver with grey FT					**Stop Positive (Not Analyzed)**
122811-Ad-6A *241200067-0011*	Audio visual - Black mastic for 12" silver w/grey FT	Black Non-Fibrous Heterogeneous	<1% <1%	Cellulose Fibrous (other)	90% Non-fibrous (other)	**10% Chrysotile**
122811-Ad-6B *241200067-0012*	Audio visual - Black mastic for 12" silver w/grey FT					**Stop Positive (Not Analyzed)**
122811-Ad-7A *241200067-0013*	1st floor lobby - Yellow carpet glue	Yellow Non-Fibrous Heterogeneous	<1% <1% <1% <1%	Cellulose Fibrous (other) Glass Synthetic	100% Non-fibrous (other)	**None Detected**

Initial report from 01/10/2012 08:17:19

Analyst(s)

Todd Patrick (7)
William Shedrawy (11)

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, ADMINISTRATIVE, WILTON, CT**

Customer ID: ATCE54
Customer PO: 11-061-0001
Received: 01/05/12 10:30 AM
EMSL Order: 241200067
EMSL Proj:
Analysis Date: 1/9/2012

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**
122811-Ad-7B *241200067-0014*	2nd floor hall - Yellow carpet glue	Yellow Non-Fibrous Heterogeneous	2% <1% <1% <1%	Synthetic Cellulose Glass Fibrous (other)	98% Non-fibrous (other)	**None Detected**
122811-Ad-8A *241200067-0015*	Lunch room - 4" blue cove base	Blue Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
122811-Ad-8B *241200067-0016*	1st hall - 4" blue cove base	Blue Non-Fibrous Heterogeneous	<1%	Fibrous (other)	100% Non-fibrous (other)	**None Detected**
122811-Ad-9A *241200067-0017*	Lunch rm - Adhesive for 4" blue cove base	Brown/Tan Non-Fibrous Heterogeneous	3% <1% <1%	Fibrous (other) Cellulose Glass	97% Non-fibrous (other)	**None Detected**
122811-Ad-9B *241200067-0018*	1st hall - Adhesive for 4" blue cove base	Brown/Tan Non-Fibrous Heterogeneous	<1% <1% 2%	Cellulose Synthetic Fibrous (other)	98% Non-fibrous (other)	**None Detected**
122811-Ad-1C *241200067-0019*	1st Hall - Joint Compound	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**

Sample not listed on Chain of Custody.

Initial report from 01/10/2012 08:17:19

Analyst(s)

Todd Patrick (7)
William Shedrawy (11)

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, ADMINISTRATIVE, WILTON, CT**

Customer ID:	ATCE54
Customer PO:	11-061-0001
Received:	01/05/12 10:30 AM
EMSL Order:	241200067
EMSL Proj:	
Analysis Date:	1/9/2012

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**
122811-Ad-2C *241200067-0020*	1st Hall - Gypsum Board	Gray Non-Fibrous Heterogeneous	7%	Cellulose	93% Non-fibrous (other)	None Detected

Sample not listed on Chain of Custody.

Initial report from 01/10/2012 08:17:19

Analyst(s)

Todd Patrick (7)
William Shedrawy (11)

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,

THIS IS THE LAST PAGE OF THE REPORT.

ATC Associates, Inc.

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

Asbestos Bulk Sample Form

241200067

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

ATC Inspector: Steve Douglas	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: Administration	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
Lunch Room Storage Closet 1st Floor	Joint Compound							1/2	2	1228/11-Mod — 1A 1B
Lunch Rm Storage Closet 1st Floor	Gypsum Board							1/2	2	2A 2B
Audio Visual	Adhesive for 4" Black Coveblse							1/2	2	3A 3B
1st Floor Lobby 1st Floor Hall	2'x4' White Pinhole Textured CT							1/2	2	4A 4B
Audio Visual	12" Silver With Grey FT							1/2	2	5A 5B
↓	Black Mastic for 12" Silver w/Grey FT							1/2	2	6A 6B
1st Floor Lobby 2nd Floor Stairwell Hall	Yellow Carpet Glue							1/2	2	7A 7B

RECEIVED
JAN 05 2012
By 10:30am

Comments (inaccessible areas, etc.):

Analyze Via PLM positive Stop

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
Relinquished By/Date:
Relinquished By/Date:

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

241200067

ATC Associates, Inc.

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

Asbestos Bulk Sample Form

241200067

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

ATC Inspector: Steve Douglas	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) 48 hrs. (3 days) 5 days 10 days 3 hrs. same day 24 hrs.
Building: Admin	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
Lunch Rm 1st Floor	4" Blue Cove base							1/2	2	122811-AC-8A 8B
Lunch Rm 1st Floor	Adhesive for 4" Blue Cove base							1/2	2	9A 9B

Comments (inaccessible areas, etc.):

Analyze Via PLM positive Stop

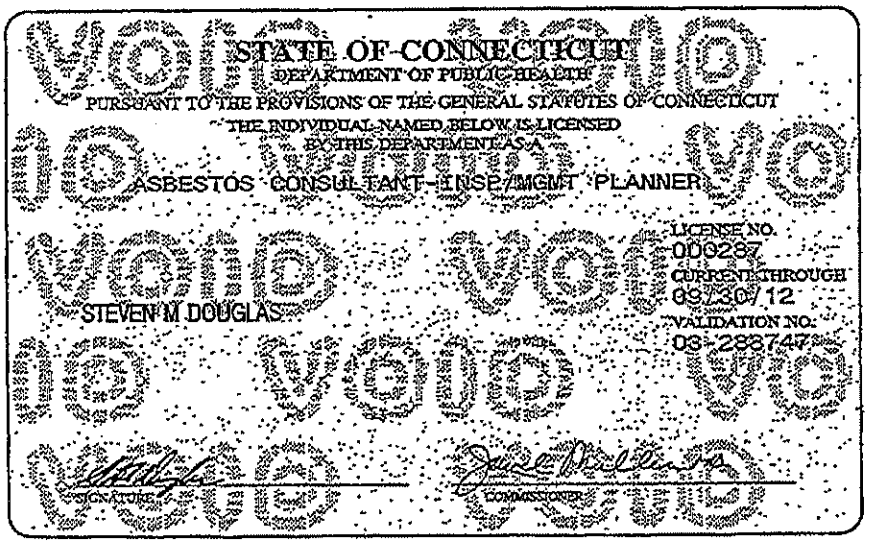
RECEIVED
JAN 05 2012
By 10:30am

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: 12/30/11 Received By/Date:
Relinquished By/Date: Received By/Date:
Relinquished 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

STEVEN M DOUGLAS

LICENSE NO.
000287
CURRENT THROUGH
09/30/12
VALIDATION NO.
03-288747

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 Kolodziej
Principal Instructor

April 9-11, 2007
Date of Course

April 11, 2008
Expiration Date

Gregory J. Fiorach
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 Hobbie
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. Marsch
Principal Instructor

March 26, 2009
Date of Course

March 26, 2010
Expiration Date

Gregory J. Marsch
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. Morash
Principal Instructor

March 25, 2010
Date of Course

March 25, 2011
Expiration Date

Gregory J. Morash
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. Morack
Principal Instructor

March 24, 2011
Date of Course

March 24, 2012
Expiration Date

Gregory J. Morack
Regional Manager

SIAR-3821
Certificate Number

March 24, 2011
Examination Date

APPENDIX C

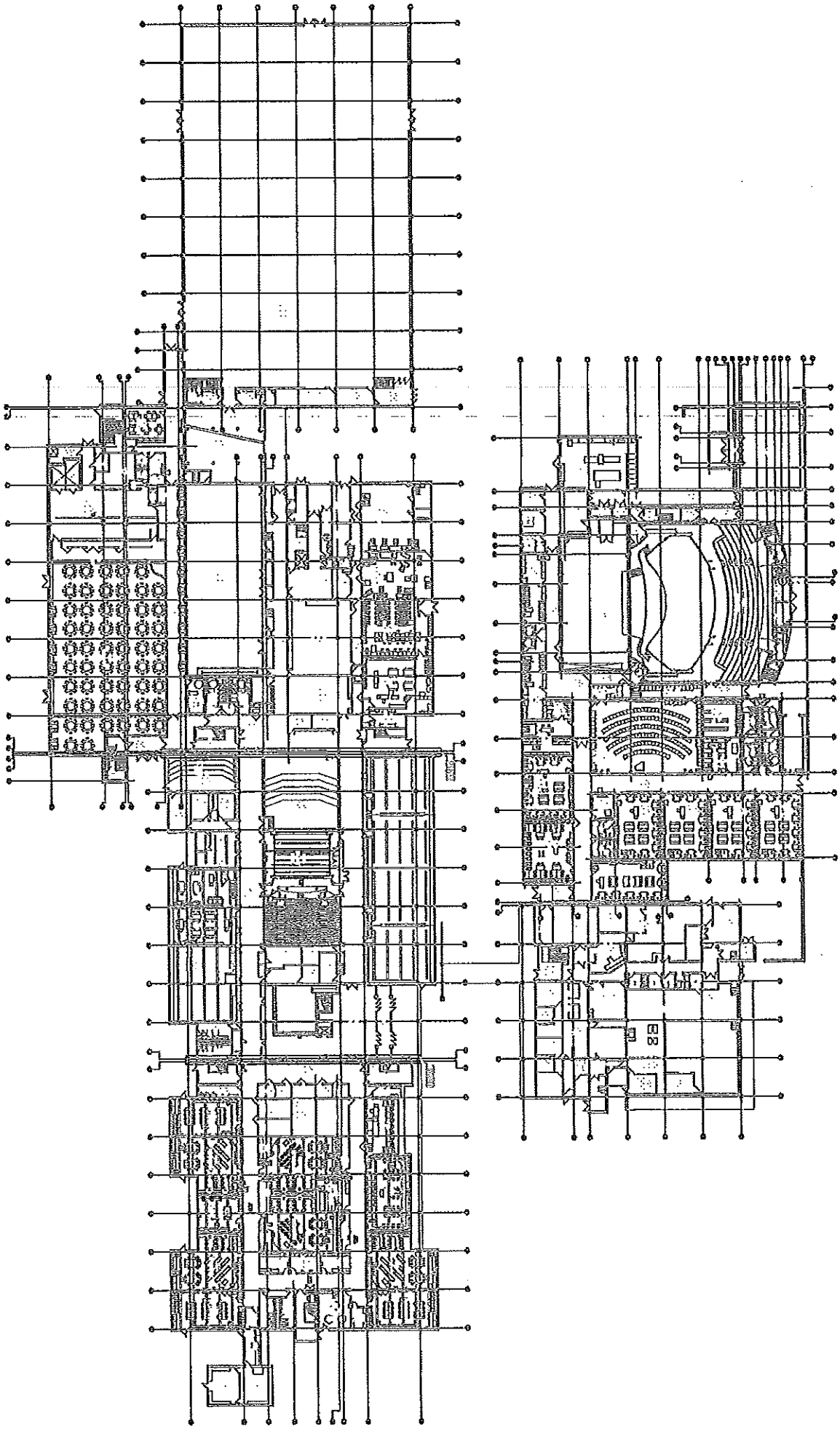
SITE DIAGRAMS
(not provided)

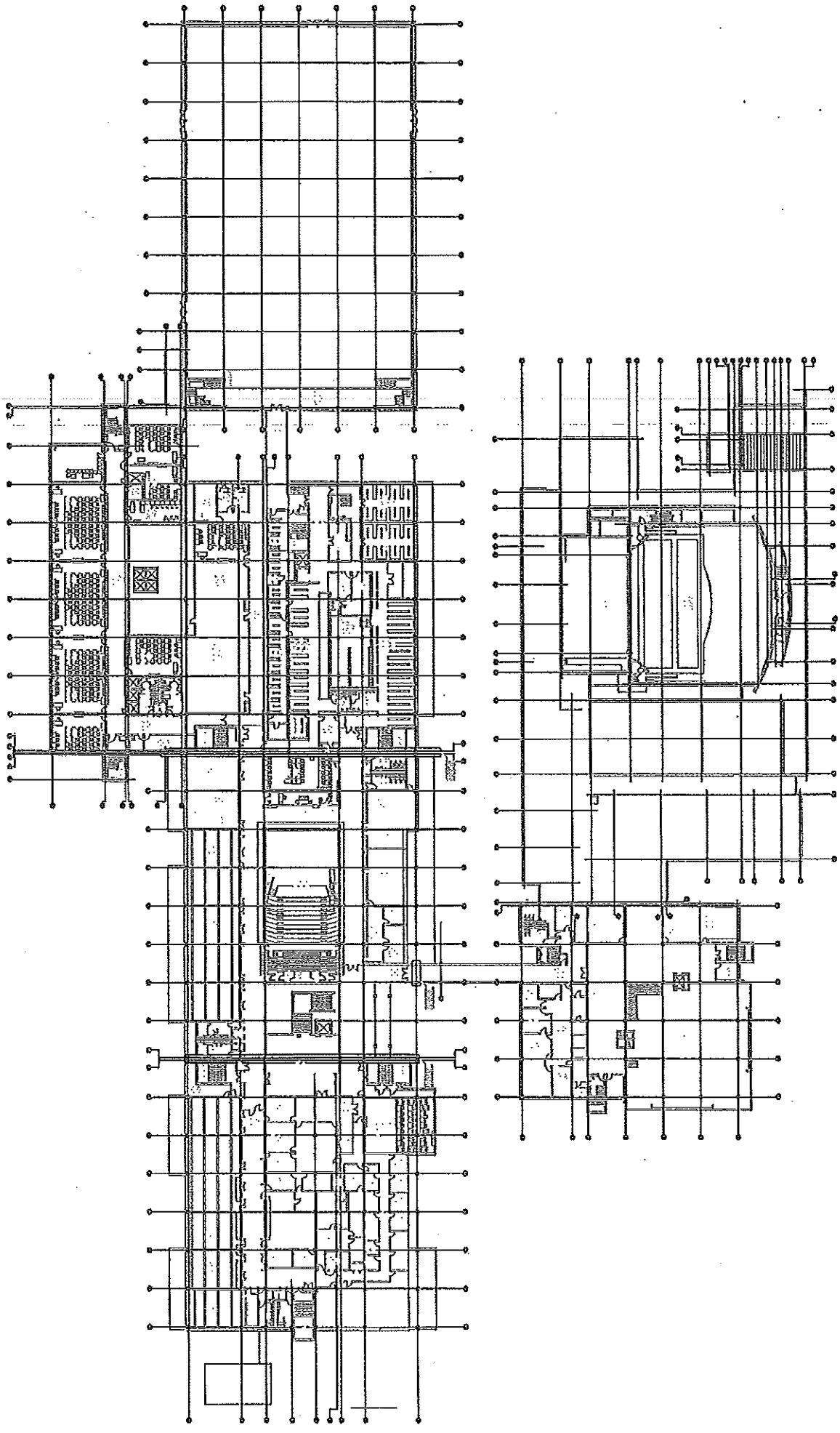
APPENDIX H

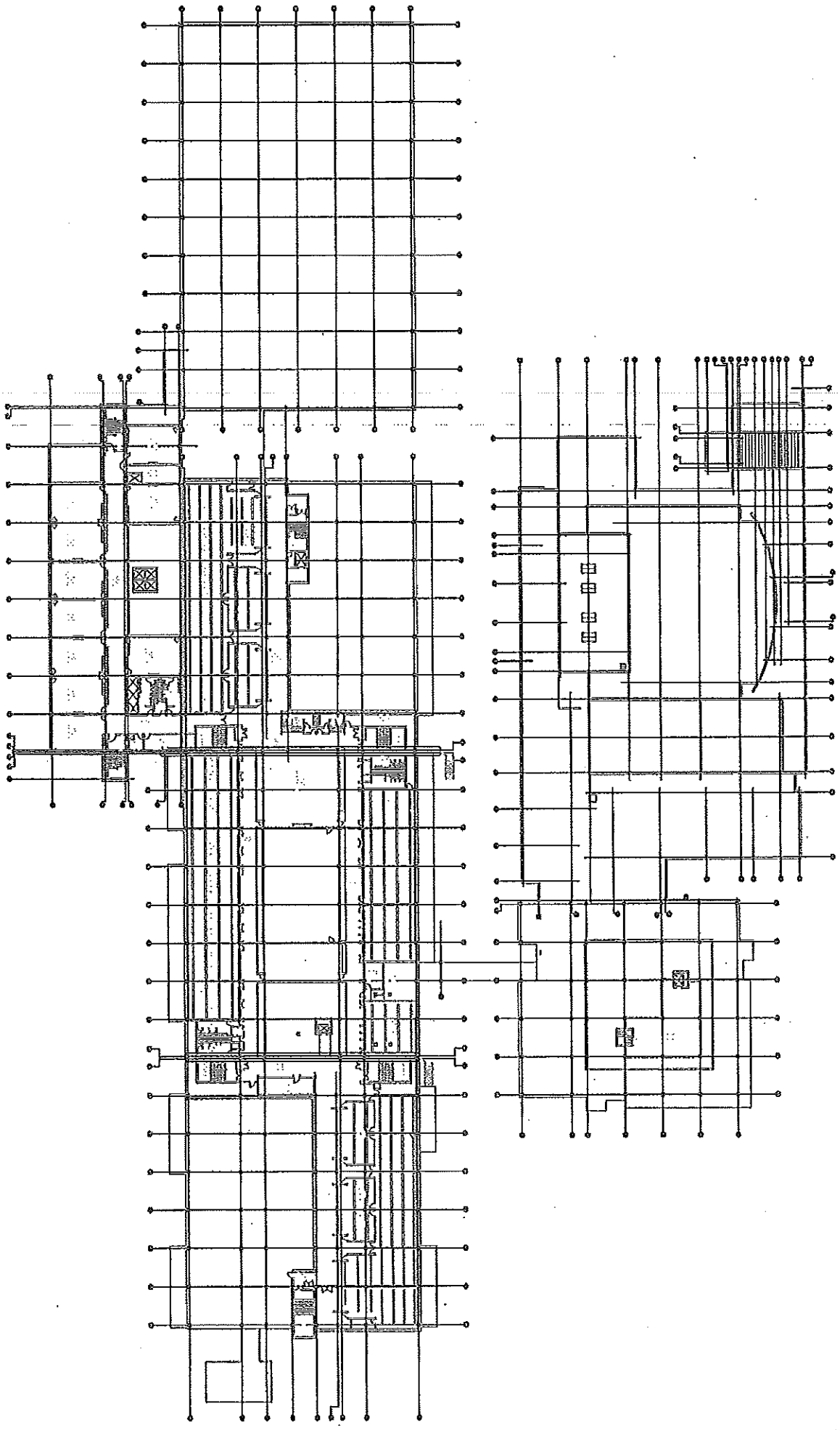
ASBESTOS ABATEMENT DOCUMENTATION

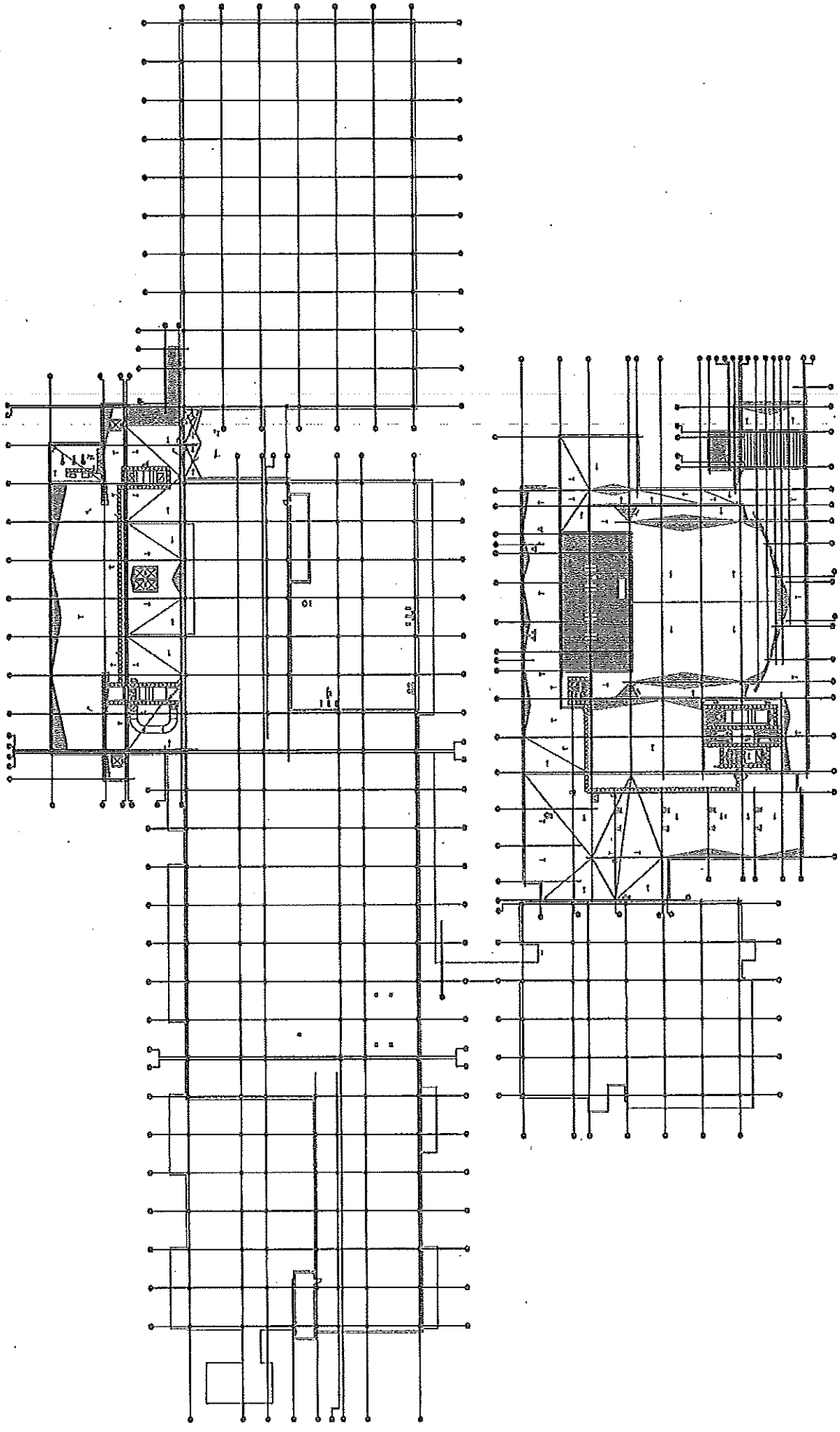
APPENDIX I

BUILDING FLOOR PLANS









APPENDIX J

INITIAL INSPECTION REPORT (1991)

APPENDIX K

PERIODIC SURVEILLANCE (6 MONTH INSPECTIONS)

AHERA SIX MONTH PERIODIC SURVEILLANCE
Wilton High School – Administration Building (Building E)
395 Danbury Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*LOCATION(S)*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Fire Door Insulation	**First Floor**: Boiler Room, Generator Room	No damage		*Assumed*
1" Ceramic Tile - Grout	**First Floor**: Custodian Closet, Bathrooms	No damage		*Assumed*
1" Ceramic Tile – Setting Compound	**First Floor**: Custodian Closet, Bathrooms	No damage		*Assumed*
Textured Ceiling	**First Floor:** Boiler Room, Mechanical/Electrical Room, Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room, Stairwells 18, 19, 20.	No damage		Above SCT *Known ACM*
12"x12" Gray w/Dark Gray Streaks Floor Tile and Associated Mastic	**First Floor:** Audio Visual Office, Work Room, District Tech Room T1, Hallway, Dial Access Room, BOE Central Offices, Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room,	No damage		Floor Tile Located Under Carpet in Some Rooms *Known ACM*
12"x12" Silver w/Gray Streaks Floor Tile and Associated Mastic	**First Floor:** Dial Access Center, District Tech Center, Video Production Room, Hallway by Tech. Room,	No Damage		Floor Tile Located Under Carpet in Some Rooms *Known ACM*

SURVEILLANCE CONDUCTED BY _____ **DATE** _____

AHERA SIX MONTH PERIODIC SURVEILLANCE
Wilton High School – Administration Building (Building E)
395 Danbury Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*LOCATION(S)*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Tan Joint Compound	**First Floor:** BOE Central Offices, Bathrooms, Hallway from Lobby 20 to Science Lab, Hallway, Bathrooms **Second Floor:** Superintendent Offices, Conference Room, Director of Human Resource Office, Copy Room, Office Area, Hallway, Bathrooms	No Damage		*Known ACM*
12"x12" Yellow Floor Tile and Associated Mastic	**First Floor**: Lunch Room	No Damage		*Assumed*
White Sink Undercoat	**First Floor:** Lunch Room	No Damage		*Assumed*
4" Ceramic Wall Tile - Grout	**First Floor:** Bathrooms **Second Floor:** Bathrooms	No Damage		*Assumed*
4" Ceramic Wall Tile – Setting Compound	**First Floor**: Bathrooms **Second Floor:** Bathrooms	No Damage		*Assumed*
Blue Stair Treads and Associated Adhesive	**First Floor:** Administration Office Entry Lobby, Reception Area, Stairwell 18 Landings,	No Damage		*Assumed*
Interior Door Frame Caulk	All Doors within Buildings E and F	No Damage		*Assumed*
Interior Window Frame Caulk	All windows within Buildings E and F	No Damage		*Assumed*

SURVEILLANCE CONDUCTED BY _____ **DATE** _____

AHERA SIX MONTH PERIODIC SURVEILLANCE
Wilton High School – Administration Building (Building E)
395 Danbury Road
Wilton, CT 06897

MATERIAL DESCRIPTION	*LOCATION(S)*	*PREVIOUS CONDITION*	*CHANGE IN CONDITION (Y/N)*	*COMMENTS*
Interior Window Glazing	All Windows within Buildings E and F	No Damage		*Assumed*
Spray-On Fireproofing Residue	Corridor outside Library, District Tech Support Office	No Damage		*Known ACM*
Pipe Insulation	Bathrooms	No Damage		*Known ACM*

SURVEILLANCE 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 Persons

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 pahn 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 _____