

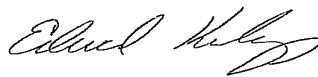
ASBESTOS MANAGEMENT PLAN
FOR
WORCESTER PUBLIC SCHOOLS
LAKE VIEW SCHOOL

Prepared By:



ATLAS Technical Consultants LLC
73 William Franks Drive
West Springfield, MA 01089

Management Planner:

A handwritten signature in black ink, appearing to read "Edward Kolodziej". The signature is fluid and cursive, written over a horizontal line.

Edward Kolodziej
License #AP073070

March 7, 2023

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1.0 INTRODUCTION

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

1.02 FRIABLE VS. NONFRIABLE ACBM

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 nonfriable ACBM. Therefore, the AHERA Rule differentiates between friable and nonfriable 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 nonfriable 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.***

1.03 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 Occupational 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.

1.04 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 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

2.0 MANAGEMENT PLAN OBJECTIVES

- A. 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

3.0 LEA (Local Education Agency) and Designated Person's Responsibilities

3.01 LEA'S RESPONSIBILITY

Broadly stated, AHERA requires that each Local Education Agency (LEA) perform inspections to identify asbestos-containing materials in each of the public and private elementary and secondary schools under its authority; develop, implement and update asbestos management plans; take appropriate response actions; safely maintain asbestos-containing building materials (ACBM); and comply with AHERA's recordkeeping requirements.

The LEA's responsibility under the AHERA regulations is as follows:

- 1) Appoint a "designated person" to ensure proper implementation of the AHERA requirements.
- 2) Ensure that the designated person receives adequate training to perform duties assigned.

AHERA requires that the Designated Person be *adequately* trained to carry out his or her responsibilities. Due to the differing needs of school districts based on the size of the district and the amount and condition of the ACBM, AHERA does not list a specific training course or specific number of hours of training for the Designated Person. Further, AHERA does not require the Designated Person to be accredited. Specifically, the regulations note the training must include the following topics:

- health effects of asbestos;

- detection, identification and assessment of asbestos-containing building materials (ACBM);
- options for controlling asbestos-containing building materials; and
- asbestos management programs.
- relevant Federal and State regulations concerning asbestos, including AHERA and its implementing regulations and the regulations of the Occupational Safety and Health Administration, the U.S. Department of Transportation, and the U.S. Environmental Protection Agency

The LEA is overall responsible for assigning and training the designated person and ensuring the duties and responsibility of the designated person are performed.

3.02 DESIGNATED PERSON'S RESPONSIBILITIES

The AHERA Designated Person Information (Name, address, telephone number, and training documentation) is located in Section 1.

ASBESTOS MANAGEMENT RESPONSIBILITIES

EPA requires public school districts and private non-profit schools to appoint an asbestos management coordinator, called the "AHERA Designated Person." This person is responsible for a number of asbestos-related activities, including the implementation of the plan for managing asbestos-containing building materials (ACBM) in school buildings and compliance with the federal asbestos regulations.

The Designated Person's Duties and Responsibilities for managing the ACBM in the school are as follows:

- Ensure that the activities of any persons who perform inspections, reinspections, and periodic surveillance, develop and update management plans, develop and implement response actions, and conduct operations and maintenance activities are in compliance with all of the AHERA requirements.
- Ensure that all custodial and maintenance workers are properly trained.
- Ensure that workers and building occupants or their legal guardians are notified at least annually about activities relating to ACBM.
- Ensure that short-term workers who may come in contact with asbestos in a school are provided the locations of ACBM and suspected ACBM assumed to be ACBM.
- Ensure that warning labels are properly posted.
- Ensure that management plans are available for inspection.
- Consider whether any conflict of interest may arise among personnel undertaking activities related to the ACBM in a school or schools.

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 suspected ACBM
- AHERA Designated Person information
- Inspection and reinspection reports, including assessments and recommendations and sampling results
- Description of the operations and maintenance program, including documentation on operations and maintenance activities
- Response action, fiber release episode and preventive measure documentation, including air clearance sampling, accreditation certificates of persons designing and conducting the activities, etc.
- Updated information on the locations of ACBM
- Information on future activities, such as a plan for reinspections, operations and maintenance (O&M) activities, periodic surveillance inspections, etc.
- Copies and information on required notifications
- Six-month periodic surveillance reports
- Documentation on the training for maintenance and custodial staff

4.0 INITIAL INSPECTION

- A. An AHERA inspection must be conducted by an accredited and state licensed asbestos inspector or management planner. This involves visually inspecting buildings for friable and nonfriable ACBM, sampling such materials unless they are assumed to be ACBM, and having samples analyzed in accordance with AHERA regulations. Once the inspection is complete the inspector must submit the results to the LEA in an inspection report. There are two elements to an AHERA inspection: identification and physical assessment.
- B. The Initial Inspection Report shall be located in Section 7 of the Management Plan.***

4.01 IDENTIFICATION OF ACBM

- A. The initial inspection to identify all the ACBM in a building begins with locating and listing all "homogeneous areas" of material that are suspected to contain asbestos. A "homogeneous area" is an area of surfacing material, thermal system insulation, or miscellaneous material that is uniform in color and texture. Suspected ACBM in a

homogeneous area or functional space must then be treated as ACBM unless samples are taken and the sample analyses show the material to be non-asbestos.

- B. All material suspected to be ACBM must be assumed to be ACBM unless the homogeneous area is **sampled**, and the analysis of the samples shows them to be non-asbestos. Adequate number of samples must be taken or the area will be considered to be ACBM regardless of the results of the analyses.
- C. The results of an AHERA inspection and the assessment must be documented in an **inspection report**. This report will be used by the management planner to make written recommendations on appropriate response actions.

4.02 PHYSICAL ASSESSMENT OF ACBM

- A. Once the inspector has identified all of the ACBM in a building, he or she must perform a physical assessment of all TSI and friable material. Under § 763.88 of the AHERA Rule, the physical assessment of ACBM involves classifying the material into one of the following seven Physical Assessment Categories:

1. Damaged or significantly damaged thermal system insulation (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

The physical assessment may include the following considerations:

- Location and amount of the material
- Condition of the material, specifying:
 - Type of damage or significant damage
 - Severity of damage
 - Extent or spread of damage
- Whether the material is accessible
- Material's potential for disturbance
- Known or suspected causes of damage or significant damage
- Preventive measures that might eliminate the reasonable likelihood of undamaged ACBM from becoming significantly damaged

5.0 AHERA REINSPECTION AND RECOMMENDED RESPONSE ACTIONS

- A. At least once every three (3) years after the management plan is in effect the LEA will conduct a reinspection of all friable and non-friable known or assumed ACBM in each school building.
- B. Reinspection will be made by an accredited and licensed inspector and for each area of a school building the inspector will:
 - 1) Visually reinspect and reassess the condition of all friable known or assumed ACBM.
 - 2) Visually inspect material that was previously considered nonfriable and touch the material to determine whether it has become friable since the last inspection or reinspection.
 - 3) Identify any homogeneous areas in which material has become friable since the last inspection or reinspection.
 - 4) Bulk samples may be collected and submitted for analysis for any homogeneous area of newly friable material that is already assumed to be ACBM.
 - 5) Perform a physical assessment, in accordance with § 763.88 of the AHERA Rule, of the condition of the newly friable material in areas where samples are collected and of newly friable materials in areas assumed to be ACBM.
 - 6) Reassess the condition of friable known or assumed ACBM previously identified.
- C. As part of the three (3) year Reinspection a licensed Asbestos Management Planner will recommend response actions based on the inspector's results.
- D. The current three-year reinspection report shall be in the Asbestos Management Plan binder located at the schools and central office. Subsequent three year reinspections shall be stored at the school's facilities office and available upon request. ***The current three-year reinspection shall be located in Section 8 of the Asbestos Management Plan.***

6.0 PERIODIC SURVEILLANCE

- A. At least once every six months after a management plan is in effect, the LEA must conduct periodic surveillance in each building that contains ACBM or is assumed to contain ACBM. The surveillance does not have to be conducted by an accredited person, but it should be conducted either by the LEA designated person (if he or she is trained) or by someone who is appropriately trained on asbestos (such as a maintenance person).
- B. Periodic surveillance involves a visual inspection of all areas that are identified in the management plan as ACBM or assumed ACBM. In evaluating each homogeneous area, the person conducting the surveillance must visually inspect all areas identified in the management plan as ACBM or suspected ACBM and record whether there are any changes in the condition of the material (including if there are no changes). The date of the surveillance, the name of the person conducting the surveillance, and any change in condition of the ACBM or assumed ACBM must be documented and included in the management plan within a reasonable amount of time, such as 30 days from the periodic surveillance.

- C. Periodic surveillance shall utilize the forms provided in this section and will be maintained in the section of the management plan.
- D. The current periodic surveillance report shall be in the Asbestos Management Plan binder located at the schools and central office. Subsequent periodic surveillances shall be stored at the school's central office and available upon request. ***The current Periodic Surveillance report shall be located in Section 9 of the Asbestos Management Plan.***

7.0 ANNUAL NOTIFICATION LETTER

- A. The Designated Person is responsible for annually informing parents, guardians and employees of the availability of the asbestos management plan. This notification is to be documented and maintained in the AHERA Management Plan.
- B. ***A copy of the annual notification shall be maintained in Section 3 of the AHERA Management Plan.***

8.0 NOTIFICATION TO SHORT-TERM WORKERS AND CONTRACTORS

- A. The Designated Person is responsible for notifying short-term workers and contractors who come in contact with asbestos of:
 - a. Locations of identified or suspected ACBM
 - b. The availability of the AHERA Management Plan
- B. Contractors shall be mailed or emailed the Outside Contractor Notification Form.
- C. ***A copy of the notification forms shall be maintained in Section 4 of the AHERA Management Plan***

9.0 EDUCATION AND TRAINING

A. Custodians and Maintenance Personnel

Asbestos awareness training will be conducted for all custodians and maintenance personnel who may conduct tasks where ACBM may be contacted or accidentally disturbed. Other persons who should be provided with the opportunity to participate in awareness training include the facility asbestos coordinator and any of the Facility employees and contractors. The training should include at a minimum the following areas of emphasis:

- Background information on asbestos
- Health effects of asbestos
- Locations of ACM at the Facility
- Recognition of ACM damage and deterioration
- Review of the O&M Program for the Facility
- Proper response to fiber release

Custodial and Maintenance workers shall receive two- (2) hour asbestos hazard awareness training within sixty (60) days of hire and receive an annual refresher course.

Asbestos Awareness training course records shall be kept in Appendix B of the AHERA Management Plan.

B. Construction and Repair Contractors

If the facility asbestos coordinator determines that construction or repair work will be performed in an area where an ACM is known to exist, the contractor must have the proper level of training. The contractor must have the following training, which is dependent upon asbestos work activity:

Activity	Initial Training	Annual Refresher
Contract Custodial Work	Asbestos Awareness	Asbestos Awareness
Repair & Maintenance	16 HR OSHA – Class III	OSHA – Class III Refresher Course
Asbestos Abatement	40 Hr. EPA Supervisor Course 32 Hr. EPA Worker Course <i>Supervisor requires to be on-site during project and both must be licensed by the state.</i>	8 Hr. Supervisor 8 Hr. Worker
Project Monitor	40 Hr. Project Monitor Course	8 Hr. Project Monitor
Asbestos Site Inspector	24 Hr. Site Inspector	4 Hr. Inspector
Asbestos Management Planner	16 Hr. Management Planner <i>MP must be an accredited site inspector prior to taken the course</i>	8 Hr. MP Ref
Asbestos Designer	24 Hr. Project Designer	8 Hr. Design Ref.

The Designated Person shall verify the credentials and training records of any construction and repair contractor performing work at this facility. The training records shall be included with the asbestos abatement documentation

10.0 ASBESTOS OPERATIONS AND MAINTENANCE PLAN

10.01 INTRODUCTION

A. **Worcester Public Schools Policy is not to have in-house employees and service contractors conduct activities that will disturb materials containing asbestos.** However, there are housekeeping and maintenance activities during which maintenance and custodial staff may come into contact with ACBM. These work activities are to be carried out according to procedures described in this Asbestos O&M Program and include the following activities:

- Stripping of asbestos-containing floor tiles.
- Burnishing and dry buffing of asbestos-containing floor tiles.
- Preventative Measure for Chipped/Cracked Floor Tile and Mastic
- Initial cleaning where friable or damaged ACBM is present.
- Additional cleaning where friable or damaged ACBM is present.

10.02 CUSTODIAL ACTIVITIES

A. Stripping of Asbestos-Containing Floor Tile

1. Sanding of asbestos or presumed asbestos-containing floor tile is prohibited
2. Floor is to be kept adequately wet during the stripping operation
3. After stripping and before application of the new wax, the floor should be thoroughly cleaned, while wet
4. Machines cannot run at speeds greater than 300 rpm during stripping operations
5. Machine must be equipped with low abrasion pads

B. Burnishing and Dry Buffing of Asbestos-Containing Floor Tile

1. Sanding of asbestos-containing or presumed asbestos-containing floor tile is prohibited
2. Activity can only be performed if there is a sufficient wax finish so that the pad cannot contact the asbestos-containing material.

C. Preventative Measure for Chipped/Cracked Floor Tile

1. Chipped/Cracked floor tile shall have an application of a wax coating to help prevent further wear and potential fiber release.

D. Initial Cleaning

1. Unless the building has been cleaned using equivalent methods within the previous six months, all areas of the schools listed where friable ACBM or damaged or significantly damaged thermal system insulation ACM, or friable suspected ACBM assumed to be ACM are present shall be cleaned at least once after the completion of the inspection required by 763.85(a) and before the initiation of any response action, other than Operations and Maintenance activities or repair, according to the following procedures:
 - a) HEPA vacuum or steam clean all carpets;
 - b) HEPA vacuum or wet clean all other floors and all horizontal surfaces;
 - c) Dispose of all debris, filters, mop heads, and cloths in sealed, leak tight containers as Asbestos-Contaminated Waste Material (ACWM)
2. The "Cleaning Record Form" is to be completed and maintained in Section 5.

E. Additional Cleaning

1. The floor areas where asbestos-containing ceiling tiles are present shall be wet cleaned (spot mopped) once a week.
2. Every two months objects under the asbestos ceiling tiles (shelves, book, desks, blinds, etc.) shall be wet cleaned and/or HEPA vacuumed.
3. Areas underneath exposed asbestos pipe insulation or damaged pipe insulation shall be wet cleaned and/or HEPA vacuumed until the insulation is covered, encapsulated, repaired or removed.
4. Dispose of all debris, filters, mop heads, and cloths in sealed, leak tight containers as ACWM.
5. The "Cleaning Record Form" is to be completed and maintained in Section 5.

F. Warning Labels

1. The Local Education Agency shall post signs or attach a warning label immediately adjacent to any friable and non-friable ACBM and suspected ACBM assumed to be

ACM located in routine maintenance areas (such as boiler rooms, janitor closets, etc.) at each school building.

This will include:

- a) Friable ACBM that was enclosed, encapsulated or repaired.
- b) ACBM for which no response action was carried out.

All signs or labels shall be prominently displayed in readily visible locations and shall remain posted until the ACBM is removed.

The warning label shall read, in print which is readily visible because of large size or bright color, as follows:

DANGER
Contains Asbestos Fibers
Avoid Creating Dust
Cancer and Lung
Disease Hazard

G. Prohibited Activities

1. Maintenance staff employees WILL NOT:
 - a) Drill, saw, sand or otherwise mechanically disturb asbestos containing materials, friable or non-friable.
 - b) Damage asbestos-containing materials while moving furniture, equipment or other objects.
 - c) Damage asbestos containing material while performing maintenance and custodial work.
 - d) Store or locate items and equipment on or near asbestos-containing material.
 - e) Clean or wipe floors, ceilings, moldings or other surfaces where asbestos may be present in a dry state or by sweeping with a dry rag, brush or broom.
 - e) Use unapproved vacuums for asbestos containing material and dust.
 - f) Remove Non-asbestos ceiling tiles below asbestos-containing materials without remedial cleaning, proper respiratory and personal protection, clearing the area of building occupants and observing asbestos removal waste disposal procedures.
 - g) Remove or shake clean HVAC system filters dry or without control measures to minimize fiber release.

H. Inspections

1. Inspections shall be performed once every 6-months and once every three years by a State of MA licensed asbestos inspector to observe the condition of asbestos-containing materials known or assumed within the building.

10.03 ASBESTOS ABATEMENT ACTIVITIES

A. Asbestos Response Actions

1. A State of Massachusetts Licensed Asbestos Abatement Contractor
2. MADEP and MADLS notification (10 business days)
3. Design Specification developed by A State of Massachusetts Licensed Asbestos Project Designer
4. Final Air Clearance performed by a State of Massachusetts Licensed Project Monitor
5. Recordkeeping
 - a) All asbestos abatement records shall be maintained at the Worcester Facility Management Facility located at 115 NE Cutoff, Worcester, MA 01606.

11.0 ASBESTOS EMERGENCY RESPONSE ACTIONS

The following procedures will be followed when asbestos is accidentally disturbed or unexpectedly encountered during school activities, routine maintenance, renovation or demolition work.

11.01 GENERAL

- A. Activities shall stop and the affected area immediately isolated with the required asbestos OSHA warning signs barrier tape.
- B. The responsible area Maintenance Supervisor or other person designated for this purpose will be immediately notified.
- C. The Asbestos Designated Person or the designated asbestos consultant will be notified immediately. The Designated Person will determine if air samples are needed to document air quality conditions. The HVAC system will be modified where possible when and where necessary.
- D. Any asbestos abatement activities performed while school is in session would require immediate notification and approval from the MA DLS.***

11.02 MINOR FIBER RELEASE EPISODE (< 3 SQUARE OR LINEAR FEET OF ACM)

- A. If the Designated Person recognizes only a minor problem, corrective measures will be performed under the Designated Person's directions to allow for safe resumption of work. Modification of the HVAC system may be required.
- B. Many actions are available if a temporary disturbance has created minor debris. HEPA vacuuming and wet cleaning are necessary cleanup procedures. The Designated Person will make the O&M program required arrangements for the asbestos contractor to carry out these actions.
- C. If an unexpected asbestos containing material is discovered during renovation:
 1. Avoidance can be practiced where work flow is modified to avoid any contact or disturbance of the material.

2. Enclosure, encapsulation or repair are always options to control a minor amount of asbestos containing material.
3. Documentation of all actions is necessary.
 - a) The “Fiber Release Episode Form” to be completed and maintained in Section 6.

11.03 MAJOR FIBER RELEASE EPISODE (> THAN 3 SQUARE OR LINEAR FEET OF ACM)

- A. If the Designated Person feels a significant problem (i.e. asbestos debris on floor, potential fiber release in the air) has been created by the disturbed asbestos, all personnel will leave the area, the HVAC system will be modified. The area will then be secured from unauthorized entry and warning signs posted.
- B. The Designated Person will review the asbestos survey report for information.
- C. Designated Asbestos Consultant will be called in immediately if specification and abatement actions are required. (A response action in a school involving greater than 3 square or 3 linear feet of asbestos requires a design specification)
- D. The Designated Person will arrange for actions to restore safe conditions before further work continues.
- E. If the Designated Person recognizes that asbestos abatement will be required for any amount of asbestos, the coordinator will confirm that notifications have been made to the State of MA.
- F. The Designated Person will document all actions that were taken to correct the situation. The “Abatement Action Form” shall be completed and maintained in Appendix C.

11.04 EMERGENCY CALL-IN NUMBERS

SCHOOL CONTACTS

Principal:

Designated Person: Kristen Tran
 508-799-3151

ABATEMENT CONTRACTOR

Baystate Contracting Service
352 Albany Street
Springfield, MA
413-781-0820
Attn: James Beaudry

ENVIRONMENTAL CONSULTANT

ATLAS Technical Consultants LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

12.0 EVALUATION OF RESOURCES

Cost associated with implementing and maintaining the AHERA Asbestos Management Plan are as follows, but not limited to:

- Training
 - ✓ Custodial (2-Hr. Asbestos Awareness)
 - In-House
 - Contractor\Consultant
 - ✓ 16-Hr Associated Project Worker (OSHA Class III)
 - ✓ Designated Person Training
 - ✓ Refresher Training
 - In-House
 - Contractor\Consultant
- Equipment & Supplies
 - ✓ HEPA Vacuum
 - ✓ Asbestos Waste Disposal Bags
 - ✓ Polyethylene Sheeting
 - ✓ Respirators & HEPA Cartridges
 - ✓ Dust Tape, Spray Adhesive, etc.
 - ✓ Glovebags
 - ✓ Disposable Suits
 - ✓ Water Spray Bottles
 - ✓ Signs, Labels and Barrier Tape
 - ✓ Personal Monitoring Equipment & Lab Analysis
- Asbestos Waste Storage & Disposal
- 3 – Year Reinspections
- Periodic Surveillances
- Asbestos Bulk Sampling
- Initial Cleaning Activities
 - ✓ In-House
 - ✓ Contractor
- Associated Project Work Activities (OSHA Class III)
 - ✓ In-House
 - ✓ Contractor
- Asbestos Abatement Response Actions
 - ✓ Contractor
 - ✓ Consultant
 - Project Design
 - Asbestos Project Monitoring
 - Final Air Clearance Testing

- Asbestos Hazard Assessments for Fiber Release Episodes
 - ✓ Air Sampling Analysis
 - ✓ Bulk Sampling Analysis
 - ✓ Dust Sampling Analysis
- Replacement cost of ACM that was removed
- Recordkeeping

SECTION 1

DESIGNATED PERSON STATEMENT



Worcester Public Schools

Worcester, Massachusetts



Facilities Management
Department

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Environmental Health and Safety Coordinator

I, Kristen Tran, the Designated Person for the Worcester Public Schools do hereby assure that the responsibilities of the LEA pursuant to 40 CFR Part 763 have been or will be met.

Kristen Tran

8/27/2021

Signature

Date

The Designated Person has received the following training:

24 Hour Asbestos Inspector Initial Training – January 18 - 20, 2021

16 Hour Asbestos Management Planner Initial Training – January 21 & 22, 2021

Training Provided by:

ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

DESIGNATED PERSON FORM

The AHERA Designated Person must complete and sign a statement that the Local Education Agency (LEA) has met (or will meet) the responsibilities listed below. All references are to specific provisions to the Asbestos Hazard Emergency Response Act (AHERA) regulation 40 CFR Part 763. The AHERA Designated Person should be able to answer "yes" to each statement below.

1. The activities of any persons who perform inspections, re-inspections, and periodic surveillance, develop and update management plans, and develop and implement response actions, including operations and maintenance, are carried out in accordance with 40 CFR Part 763, Subpart E.
2. All custodial and maintenance employees are properly trained as required in 40 CFR Part 763, Subpart E and all other applicable federal and/or state regulations (e.g., the OSHA Asbestos Standard for Construction, the EPA Worker Protection Rule, or applicable state regulations).
3. All workers and building occupants, or their legal guardians, are informed at least once each school year about inspections, response actions, post-response action activities, including periodic re-inspections and surveillance activities, that are planned or in progress.
4. All short-term workers (e.g., telephone repair workers, utility workers, or exterminators) who may encounter asbestos in school buildings are provided information regarding the locations of ACBM and assumed ACBM.
5. All warning labels are posted in accordance with §763.95.
6. All management plans are available for inspection, and notification of this availability has been provided in accordance with §763.93(g).
7. The undersigned person designated by the LEA according to §763.84(g)(1) has received adequate training as required by §763.84(g)(2).
8. The LEA has and will consider whether any conflict of interest may arise from the interrelationship between accredited personnel, and whether this potential conflict should influence the selection of accredited personnel to perform activities under 40 CFR Part 763, Subpart E.

Kristen Tran

Signature

08/27/2021

Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Kristen Tran

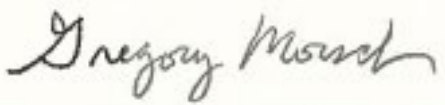
has successfully completed the
24 Hour Asbestos Site Inspector Initial Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070


Principal Instructor: *Thomas Chen*
January 18-20, 2021
Date of Course

January 20, 2022
Expiration Date


Regional Manager: *Gregory Morsch*
SI-2000
Certificate Number

January 20, 2021
Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Kristen Tran

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

conducted by

ATC Group Services, LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory Morsch

Principal Instructor: Gregory Morsch

January 21-22, 2021

Date of Course

January 22, 2022

Expiration Date

Gregory Morsch

Regional Training Manager: Gregory Morsch

MP-783

Certificate Number

January 22, 2021

Examination Date

SECTION 2

CUSTODIAL TRAINING RECORDS

Worcester Public Schools

Maintenance/Facilities Staff Asbestos Training Records Summary

Last Name	First Name	Job Title	Date of Most Recent Training	Title of Most Recent Training	Format
Appiah	Nicholas	Custodian	11/18/2022	2-Hour Awareness	Online
Archambault	Gary	Custodian	9/18/2022	2-Hour Awareness	Online
Army	Don	Custodian	4/18/2019	Asbestos Refresher	Classroom
Astor	Richard	Custodian	4/18/2019	Asbestos Refresher	Classroom
Balian	Sarkis	Carpenter	12/15/2021	2-Hour Awareness	Online
Barbour	Joseph	Custodian	4/18/2019	Asbestos Refresher	Classroom
Barrett	Thomas	Coordinator of Buildings & Grounds	11/27/2020	2-Hour Awareness	Online
Barron	Vincent	Painter	12/10/2021	2-Hour Awareness	Online
Beahn	James	Electrician	12/15/2021	2-Hour Awareness	Online
Beauregard	Michael	Custodian	4/18/2019	Asbestos Refresher	Classroom
Bedard	James	Facilities Director	11/27/2020	2-Hour Awareness	Online
Berthiaume	Joshua	Custodian	4/18/2019	Asbestos Refresher	Classroom
Berthiaume	Joe	Plumber	12/20/2021	2-Hour Awareness	Online
Berthiaume	Caitlyn	Custodian	12/15/2021	2-Hour Awareness	Online
Bishop	John	Custodian	4/18/2019	Asbestos Refresher	Classroom
Blash	Alvin	Custodian	4/18/2019	Asbestos Refresher	Classroom
Boamah	Kwabena	Custodian	4/18/2019	Asbestos Refresher	Classroom
Branagan	Peter	Custodian	4/18/2019	Asbestos Refresher	Classroom
Buffone	James	Custodian	4/18/2019	Asbestos Refresher	Classroom
Caffone	Mark	Custodian	4/18/2019	Asbestos Refresher	Classroom
Campanile	Vincent	Custodian	4/18/2019	Asbestos Refresher	Classroom
Campos	Brandon	Custodian	5/11/2022	2-Hour Awareness	Online
Casault	Joseph	Custodian	4/18/2019	Asbestos Refresher	Classroom
Cesaitis	Stephen	Custodian	4/18/2019	Asbestos Refresher	Classroom
Chviruk	Kevin	Custodian	4/18/2019	Asbestos Refresher	Classroom
Comer	Frank	Custodian	4/18/2019	Asbestos Refresher	Classroom
Cormier	Steven	Custodian	4/18/2019	Asbestos Refresher	Classroom
Corrao	James	Custodian	4/18/2019	Asbestos Refresher	Classroom
Cortes	Hector	Custodian	4/18/2019	Asbestos Refresher	Classroom
Cousineau	Ronald	Custodian	4/18/2019	Asbestos Refresher	Classroom
Culbert	John	Custodian	4/18/2019	Asbestos Refresher	Classroom
Cunningham	Steve	Custodian	4/18/2019	Asbestos Refresher	Classroom
D'Acri	Mike	Custodian	4/18/2019	Asbestos Refresher	Classroom
Delconte	Robert	Custodian	4/18/2019	Asbestos Refresher	Classroom
Diaz	Orlando	Custodian	12/8/2022	2-Hour Awareness	Online
Ducharme	Dan	Custodian	4/18/2019	Asbestos Refresher	Classroom
Dufault	Todd	Custodian	4/18/2019	Asbestos Refresher	Classroom
Durkan	John	Carpenter	12/15/2021	2-Hour Awareness	Online
Fenner	Buddy	Custodian	12/8/2022	2-Hour Awareness	Online
Fotiou-Kioses	Petros	Custodian	4/18/2019	Asbestos Refresher	Classroom
Fournier	Timothy	Custodian	4/18/2019	Asbestos Refresher	Classroom
Gabriele	Jim	Glazier	12/15/2021	2-Hour Awareness	Online
Garcia	Carlos	Custodian	4/18/2019	Asbestos Refresher	Classroom
Garcia	Devin	Custodian	12/8/2021	2-Hour Awareness	Online
Garcia	Kenneth	Custodian	12/9/2021	2-Hour Awareness	Online
Gaspie	Kerrie	Custodian	4/18/2019	Asbestos Refresher	Classroom
Gay	Christopher	Custodian	4/18/2019	Asbestos Refresher	Classroom
Genelli	James	Custodian	4/18/2019	Asbestos Refresher	Classroom
Goodrich	Kristopher	Custodian	4/18/2019	Asbestos Refresher	Classroom
Greigg	Nicholas	Custodian	4/18/2019	Asbestos Refresher	Classroom
Haggerty	Jesse	Custodian	4/18/2019	Asbestos Refresher	Classroom
Hayes	John	Custodian	4/18/2019	Asbestos Refresher	Classroom
Hazen	Don	Carpenter	12/20/2021	2-Hour Awareness	Online
Hendricks	Julie	Custodian	8/18/2022	2-Hour Awareness	Online
Henriquez	Juan	Custodian	4/21/2022	2-Hour Awareness	Online
Houston	Ryan	Custodian	12/14/2021	2-Hour Awareness	Online
Hynes	Casey	Custodian	4/18/2019	Asbestos Refresher	Classroom
Jackson	Stan	Custodian	4/18/2019	Asbestos Refresher	Classroom
Jarvis	Christopher	Custodian	4/18/2019	Asbestos Refresher	Classroom
Jarvis	Paul	Custodian	4/18/2019	Asbestos Refresher	Classroom
Keller	Mark	Custodian	4/18/2019	Asbestos Refresher	Classroom
Kim	Larry	Custodian	4/18/2019	Asbestos Refresher	Classroom
Kirk	John	Custodian	4/18/2019	Asbestos Refresher	Classroom
Kyriakidis	Kyriakos	Custodian	4/18/2019	Asbestos Refresher	Classroom
Ladago	George	Custodian	4/18/2019	Asbestos Refresher	Classroom
Lemay	John	Custodian	4/18/2019	Asbestos Refresher	Classroom

Worcester Public Schools

Maintenance/Facilities Staff Asbestos Training Records Summary

Last Name	First Name	Job Title	Date of Most Recent Training	Title of Most Recent Training	Format
Lemay	Anthony	Custodian	4/18/2019	Asbestos Refresher	Classroom
Letourneau	Brian	Custodian	4/18/2019	Asbestos Refresher	Classroom
Letourneau	Ronald	Custodian	4/18/2019	Asbestos Refresher	Classroom
Lombardi	Jeffrey	Custodian	4/18/2019	Asbestos Refresher	Classroom
Mahoney	Ed	Custodian	4/18/2019	Asbestos Refresher	Classroom
Martin	David	Custodian	4/18/2019	Asbestos Refresher	Classroom
Martinez	Luis	Custodian	4/18/2019	Asbestos Refresher	Classroom
Masterson	Robert	Custodian	4/18/2019	Asbestos Refresher	Classroom
Mastrototaro	Michael	Custodial Supervisor	12/1/2021	2-Hour Awareness	Online
Mearls	Hunter	Custodian	12/14/2021	2-Hour Awareness	Online
Mills	Derek	Custodian	8/18/2022	2-Hour Awareness	Online
Montanez	Javier	Facilities Coordinator	12/1/2021	2-Hour Awareness	Online
Moores	John	Custodian	12/8/2021	2-Hour Awareness	Online
Morin	Andrew	Custodian	4/18/2019	Asbestos Refresher	Classroom
Murphy	Brian	Custodian	4/18/2019	Asbestos Refresher	Classroom
Navarro	Luis	Custodian	4/18/2019	Asbestos Refresher	Classroom
Navarro	Christian	Painter	12/10/2021	2-Hour Awareness	Online
Niziolek	Christopher	Custodian	4/18/2019	Asbestos Refresher	Classroom
Noone	John	Custodian	4/18/2019	Asbestos Refresher	Classroom
O'Gara	Michael	Custodian	4/18/2019	Asbestos Refresher	Classroom
O'Connor	Patrick	Custodian	4/18/2019	Asbestos Refresher	Classroom
Orellana Frias	Carlos	Painter	11/16/2022	2-Hour Awareness	Online
Ortiz	Epifanio	Custodian	4/18/2019	Asbestos Refresher	Classroom
Papineau	Mark	Custodian	9/22/2022	2-Hour Awareness	Online
Parda	Chris	Custodian	12/7/2021	2-Hour Awareness	Online
Perry	Mike	Custodian	4/18/2019	Asbestos Refresher	Classroom
Polenski	Joseph	Custodian	8/16/2022	2-Hour Awareness	Online
Poske	David	Custodian	10/7/2022	2-Hour Awareness	Online
Reynolds	Tim	Custodian	4/18/2019	Asbestos Refresher	Classroom
Rivelli	Mark	Custodian	4/18/2019	Asbestos Refresher	Classroom
Ruttencutter	Paul	Custodian	12/15/2021	2-Hour Awareness	Online
Sarkodie	James	Custodian	4/18/2019	Asbestos Refresher	Classroom
Schiavone (F)	Matthew	Custodian	4/18/2019	Asbestos Refresher	Classroom
Schiavone (s)	Matt	Custodian	4/18/2019	Asbestos Refresher	Classroom
Scricco	Kevin	Custodian	4/18/2019	Asbestos Refresher	Classroom
Simoncini	Ryan	Custodian	4/18/2019	Asbestos Refresher	Classroom
Smith	John	Custodian	10/7/2022	2-Hour Awareness	Online
Snow	Jeff	Plumber	12/15/2021	2-Hour Awareness	Online
Strandring	Nathan	Building Automation Manager	12/15/2021	2-Hour Awareness	Online
Staples	Kevin	Custodian	4/18/2019	Asbestos Refresher	Classroom
Staples	Patrick	Custodian	4/18/2019	Asbestos Refresher	Classroom
Stapleton	Joseph	Custodian	4/18/2019	Asbestos Refresher	Classroom
Stolberg Jr.	Paul	Custodian	4/18/2019	Asbestos Refresher	Classroom
Tatro	David	Custodian	4/18/2019	Asbestos Refresher	Classroom
Tokatli	Nicolas	Custodian	4/18/2019	Asbestos Refresher	Classroom
Tran	Kristen	EHS Coordinator (DESIGNATED)	1/11/2023	Insp. & Mgmt. Planner	Classroom
Vargas	Eduardo	Custodian	4/18/2019	Asbestos Refresher	Classroom
Vega	Omar	Painter	11/29/2022	2-Hour Awareness	Online
Vosburgh	Robert	Custodian	4/18/2019	Asbestos Refresher	Classroom
Waller	Jalen	Custodian	2/4/2022	2-Hour Awareness	Online
Walsh	Thomas	Custodian	4/18/2019	Asbestos Refresher	Classroom
Wamback	Kenneth	Custodian	4/18/2019	Asbestos Refresher	Classroom
Whipple	Bernard	Custodian	1/14/2022	2-Hour Awareness	Online
Wright	Matthew	Custodian	12/14/2021	2-Hour Awareness	Online
Wyman	Peter	Custodian	4/18/2019	Asbestos Refresher	Classroom
Zwicker	Thomas	Custodian	4/27/2022	2-Hour Awareness	Online
Zwicker	Matthew	Custodian	4/18/2019	Asbestos Refresher	Classroom

SECTION 3
ANNUAL NOTIFICATION LETTER



Worcester Public Schools

Worcester, Massachusetts



Facilities Management
Department

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Environmental Health and Safety Coordinator

August 29, 2022

Dear Staff, Parents, Guardians and Students of the Worcester Public Schools:

In compliance with the U.S. Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763, in the fall of 1989, the Worcester Public Schools began inspections of each of our buildings for asbestos-containing building material (ACBM). The inspection findings and asbestos management plans are on file in each school's administrative office.

The EPA requires that re-inspections of all ACBM be performed every 3 years. Accredited Asbestos Inspectors most recently performed these re-inspections in October of 2019. An accredited Asbestos Management Planner reviewed the results of the re-inspections and recommended actions that the Worcester Public Schools should continue to implement in order to properly manage ACBM in our buildings. The next round of re-inspections will be conducted this fall. Periodic surveillance of all ACBM is also conducted by an accredited Asbestos Inspector every six months.

In addition to the original AHERA inspection reports, the most recent 3-year re-inspection and six-month surveillance reports are on file in the management plan in each school's administrative office. Everyone is welcome to view the asbestos management plan at any time during normal school hours (Monday through Friday).

Should you have any questions about the procedures utilized to properly manage asbestos in our buildings, please contact the Worcester Public Schools AHERA Designated Person, Kristen Tran, at (508) 799-3151 or at tranki@worcesterschools.net.

Sincerely,

Kristen Tran
Worcester Public Schools
AHERA Designated Person



Worcester Public Schools

Worcester, Massachusetts



Departamenti i Menaxhimit
të Objekteve

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Faks (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Koordinatorë e Shëndetit dhe Sigurisë
Mjedisore

29 Gusht, 2022

Të dashur Staf, Prindër, Kujdestarë/e dhe Nxënës/e të Worcester Public Schools:

Në përputhje me Aktin 40 CFR 763, për Masat ndaj Rrezikut të Asbestit (Asbestos Hazard Response Act-AHERA), të Agjencisë së U.S. për Mbrojtjen e Mjedisit (Environmental Protection Agency-EPA), në vjeshtën e vitit 1989, Worcester Public Schools filluan inspektimet e secilës prej ndërtesave tona për material ndërtimi që përmban asbest (ACBM). Gjetjet e inspektimit dhe planet e menaxhimit të asbestit janë në dosje, në zyrën administrative të secilës shkollë.

EPA kërkon që ri-inspektimet e të gjithë ACBM të kryhen çdo 3 vjet. Inspektorë/e të Akredituar/a për kontrollin e Asbestit i kryen këto rishikime në Tetor të vitit 2019. Një Planifikues i Akredituar i Menaxhimit të Asbestit rishikoi rezultatet e ri-inspektimeve dhe rekomandoi veprimet që Worcester Public Schools duhet të vazhdojnë të zbatojnë, në mënyrë që të menaxhojmë siç duhet ACBM në ndërtesat tona. Raundi i ardhshëm i ri-inspektimeve do të realizohet gjatë periudhës së vjeshtës. Një mbikëqyrje periodike e të gjithë ACBM kryhet gjithashtu nga një Inspektor/e i/e akredituar i/e Asbestit çdo gjashtë muaj.

Përveç raporteve origjinale të inspektimit të AHERA-s, raportet më të fundit 3-vjeçare të ri-inspektimit dhe mbikëqyrjes gjashtëmujore janë në dosjen e planit të menaxhimit, në zyrën administrative të secilës shkollë. Gjithkush është i/e mirëpritur të shohë planin e menaxhimit të asbestit në çdo kohë, gjatë orëve normale të shkollës (nga e hëna në të premte).

Nëse keni ndonjë pyetje në lidhje me procedurat e përdorura për të menaxhuar siç duhet asbestin në ndërtesat tona, lutemi të kontaktoni Personi i Përcaktuar për AHERA, të Worcester Public Schools, Kristen Tran, në (508) 799-3151 ose në tranki@worcesterschools.net.

Sinqerisht,

Kristen Tran
Worcester Public Schools
Personi i Përcaktuar për AHERA

Worcester Public Schools është një Institucion Punësimi/Edukimi, që ofron Mundësi të Barabarta/Veprime Afirmuese dhe nuk diskriminon, pavarësisht racës, ngjyrës, prejardhjes, seksit, gjinisë, moshës, besimit fetar, origjinës kombëtare, identitetit ose shprehjes gjinor, gjendjes civile, orientimit seksual, paafesisë, shtatzënisë ose një gjendjeje që ka lidhje me të, statusit të veteranit apo të qenit i/e pastrohë. Worcester Public Schools mundësojnë qasje të barabartë në punësim, si edhe një gamë të plotë të programeve të edukimit të përgjithshëm dhe profesional. Për më shumë informacion lidhur me Mundësitë e Barabarta/Veprimet Afirmuese lidhuni me Menaxherin/en e Burimeve Njerëzore, 20 Irving Street, Worcester, MA 01609, 508-799-3020.



Worcester Public Schools

Worcester, Massachusetts



هاتف (508) 799-3151

فاكس (508) 799-3144

tranki@worcesterschools.net Worcester, Massachusetts 01606

قسم إدارة المرافق

115 NE Cutoff

Kristen Tran
منسقة الصحة والسلامة البيئية

29 أغسطس 2022

أعزائي الموظفين، وأولياء الأمور، والأوصياء، والطلاب في Worcester Public Schools:

بدأت Worcester Public Schools عمليات الفحص لكل المباني التابعة لنا بحثًا عن مواد البناء المحتوية على الأسبستوس (ACBM)، التزامًا بقانون الاستجابة الطارئة لمخاطر الأسبستوس (AHERA) الصادر عن وكالة حماية البيئة (EPA) الأمريكية، في الفصل 40 من قانون اللوائح الفيدرالية، الصادر في خريف عام 1989. تتواجد نتائج عمليات الفحص وخطط إدارة الأسبستوس في ملف في المكتب الإداري لكل مدرسة.

تتطلب EPA أن تُجرى إعادة عمليات الفحص بحثًا عن جميع ACBM كل 3 سنوات. أجرى مفتشون معتمدون عمليات إعادة الفحص هذه بحثًا عن الأسبستوس مؤخرًا في أكتوبر من عام 2019. راجع شُحط معتمد لإدارة الأسبستوس نتائج عمليات إعادة الفحص وأوصى بإجراءات يجب أن تستمر Worcester Public Schools في تطبيقها لإدارة ACBM في المباني التابعة لنا بشكل صحيح. سيتم إجراء الجولة التالية من عمليات إعادة الفحص في هذا الخريف. يتم إجراء المسح الدوري لكل ACBM أيضًا بمعرفة مفتش أسبستوس معتمد كل ستة أشهر.

وتتواجد أحدث تقارير لعمليات إعادة الفحص كل 3 سنوات والمسح كل ستة أشهر، بالإضافة إلى تقارير فحص AHERA الأصلية، في ملفات في الخطة الخاصة بالمكتب الإداري لكل مدرسة. لُرحب بكل من يريد الاطلاع على خطة إدارة الأسبستوس في أي وقت أثناء ساعات الدراسة العادية (من الاثنين إلى الجمعة).

إذا راودتك أي تساؤلات حول الإجراءات المستخدمة لإدارة الأسبستوس في المباني التابعة لنا بشكل صحيح، فيُرجى التواصل مع الشخص المعني بـ AHERA في Worcester Public Schools، Kristen Tran، على الرقم (508) 799-3151 أو عبر البريد الإلكتروني tranki@worcesterschools.net.

وتفضلوا بقبول فائق التقدير والاحترام،

Kristen Tran
Worcester Public Schools
الشخص المعني بـ AHERA في

تُعد Worcester Public Schools مؤسسة توظيف تربية تعمل بمبدأ تكافؤ الفرص/العمل الإيجابي ولا تميز على أساس العرق، أو اللون، أو السلالة، أو الجنس، أو النوع الاجتماعي، أو السن، أو الدين، أو الأصل القومي، أو الهوية الجنسية أو سبل التعبير عنها، أو الحالة الاجتماعية، أو التوجه الجنسي، أو الإعاقة، أو الحمل أو الأمراض ذات الصلة، أو حالة الخدمة العسكرية، أو التنمر. توفر Worcester Public Schools فرصًا متكافئة للتوظيف، ومجموعة كاملة من برامج التعليم العام، والمهني، والفني. لمزيد من المعلومات عن تكافؤ الفرص/العمل الإيجابي، يُرجى التواصل مع رئيس قسم الموارد البشرية على العنوان التالي: 20 Irving Street, Worcester, MA 01609, 508-799-3020.



Worcester Public Schools

Worcester, Massachusetts



सुविधा व्यवस्थापन
विभाग

115 NE Cutoff
Worcester, Massachusetts 01606

टेलिफोन (508) 799-3151
फ्याक्स (508) 799-3144
tranki@worcesterschools.net

Kristen Tran

वातावरणीय स्वास्थ्य तथा सुरक्षा संयोजन

अगस्ट 29, 2022

Worcester Public Schools का आदरणीय कर्मचारी, आमाबुवा, अभिभावक र विद्यार्थीहरू:

1989 को U.S. वातावरण सुरक्षा एजेन्सी (EPA) एस्बेस्टस खतरा आकस्मिक प्रतिक्रिया ऐन (AHERA) 40 CFR 763 को अनुपालनामा, Worcester Public Schools ले एस्बेस्टस-समावेश हुने भवन सामग्री (ACBM) का लागि हाम्रा प्रत्येक भवनहरूमा निरीक्षणहरू सुरु गरेको छ। निरीक्षण परिणाम तथा एस्बेस्टस व्यवस्थापन योजनाहरू प्रत्येक विद्यालयको प्रशासनिक कार्यालयको फाइलमा छन्।

EPA लाई ACBM का सबै पुनः निर्देशनहरू प्रत्येक 3 वर्षमा गर्नुपर्छ भन्ने कुरा आवश्यक हुन्छ। प्रमाणित एस्बेस्टस निरीक्षकहरूले भर्खरै 2019 को अक्टोबरमा यी पुनः निरीक्षणहरू गर्नुभएको थियो। प्रमाणित एस्बेस्टस व्यवस्थापन योजनाकारले पुनः निरीक्षणका परिणामहरूको समीक्षा गर्नुभयो र Worcester Public Schools ले भवनहरूमा सही तरिकाले ACBM व्यवस्थित गर्नका लागि कार्यान्वयन गर्न जारी राख्नुपर्छ भनी कार्यहरू सिफारिस गर्नुभयो। पुनः निरीक्षणको अर्को चरण यो शरद ऋतुमा सञ्चालन गरिने छ। सबै ACBM को आवधिक निरीक्षण प्रत्येक छ महिनामा प्रमाणित एस्बेस्टस निरीक्षकद्वारा पनि सञ्चालन गरिएको हुन्छ।

वास्तविक AHERA निरीक्षण रिपोर्टहरूका साथै, सबैभन्दा हालका 3 वर्ष पुनः निरीक्षण र छ वर्ष निरीक्षण रिपोर्टहरू प्रत्येक विद्यार्थीको प्रशासनिक कार्यालयमा रहेको व्यवस्थापन योजनाको फाइलमा छन्। सामान्य विद्यालय समयावधि (सोमबारदेखि शुक्रबारसम्म) को कुनै पनि समयमा एस्बेस्टस व्यवस्थापन योजना हेर्न सबैजनालाई स्वागत छ।

तपाईंसँग हाम्रा भवनहरूमा सही तरिकाले एस्बेस्टस व्यवस्थापन गर्न उपयोग गरिएका कार्यविधिहरू बारे कुनै पनि प्रश्नहरू छन् भने, कृपया Worcester Public Schools को AHERA निर्दिष्ट व्यक्ति Kristen Tran लाई (508) 799-3151 मा वा tranki@worcesterschools.net मा सम्पर्क गर्नुहोस्।

भवदीय,

Kristen Tran

Worcester Public Schools
को AHERA निर्दिष्ट व्यक्ति

Worcester Public Schools एउटा समान अवसर/सकारात्मक कार्य भएको रोजगारदाता/शैक्षिक संस्था हो र यसले जाति, रङ, वंश, वर्ग, लिङ्ग, उमेर, धर्म, राष्ट्रिय मूल, लैङ्गिक पहिचान वा अभिव्यक्ति, वैवाहिक स्थिति, लैङ्गिक झुकाव, अपाङ्गता, गर्भावस्था वा सम्बन्धित अवस्था, सेवानिवृत्त सैनिक स्थिति वा घरबारविहीनताका आधारमा कुनै भेदभाव गर्दैन। Worcester Public Schools ले रोजगारका लागि समान पहुँच र सामान्य, पेसेवर तथा व्यावसायिक शिक्षा कार्यक्रमहरूको पूर्ण दायरा उपलब्ध गराउँछ। समान अवसर/सकारात्मक कार्यसँग सम्बन्धित थप जानकारीका लागि मानव संसाधन व्यवस्थापकलाई, 20 Irving Street, Worcester, MA 01609, 508-799-3020 मा सम्पर्क गर्नुहोस्।



Worcester Public Schools

Worcester, Massachusetts



Departamento de gerenciamento
das unidades

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Coordenadora de Saúde e Segurança do
Meio Ambiente

29 de agosto de 2022

Prezados funcionários, pais, responsáveis e alunos da Worcester Public Schools,

Em conformidade com a Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763, publicada no Outono de 1989 pela Agência de Proteção Ambiental (EPA) dos EUA, a Worcester Public Schools deu início às inspeções de cada um de nossos prédios com relação a materiais de construção com amianto (ACBM). Os resultados da inspeção, bem como os planos de controle de amianto encontram-se registrados no escritório administrativo de cada escola.

Conforme exigido pela EPA, devem ser realizadas novas inspeções quanto a ACBM a cada três anos. Recentemente, inspetores com certificação em amianto realizaram tais inspeções em outubro de 2019. Os resultados das novas inspeções foram analisados por um Planejador de controle de amianto certificado, que recomendou medidas as quais continuarão a ser implementadas pela Worcester Public Schools no controle adequado de ACBM em nossos prédios. A próxima rodada de reinspeções será realizada neste outono. Além disso, uma fiscalização periódica de ACBM é conduzida por um inspetor com certificação em amianto a cada seis meses.

Os mais recentes relatórios de inspeção a cada três anos e de fiscalização a cada seis meses, juntamente com os relatórios da inspeção original de AHERA, encontram-se registrados no plano de gerenciamento no escritório administrativo de cada escola. O plano de controle de amianto está disponível a acesso público dentro do horário normal de funcionamento da escola (de segunda à sexta-feira).

Em caso de dúvidas com relação aos procedimentos aplicados no controle adequado de amiantos em nossas escolas, entre em contato com a Responsável AHERA da Worcester Public Schools, Kristen Tran, pelo telefone (508) 799-3151 ou e-mail tranki@worcesterschools.net.

Atenciosamente,

Kristen Tran
Worcester Public Schools
Responsável AHERA da

A Worcester Public Schools constitui-se como uma instituição educacional/entidade patronal de ação afirmativa/igualdade de oportunidade e não estabelece distinção independentemente de raça, cor, ancestralidade, sexo, gênero, idade, religião, origem nacional, expressão ou identidade de gênero, estado civil, orientação sexual, deficiência, gravidez ou situação análoga, status de veterano ou em situação de rua. A Worcester Public Schools oferece acesso igualitário a empregos e à gama completa de programas educacionais gerais, ocupacionais e vocacionais. Para mais informações sobre Oportunidade Igualitária/Ação Afirmativa, entre em contato com o Gerente de Recursos Humanos, 20 Irving Street, Worcester, MA 01609, 508-799-3020.



Worcester Public Schools

Worcester, Massachusetts



Departamento de Gestión de
instalaciones

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Coordinadora de Salud y Seguridad Ambiental

29 de agosto de 2022

Estimado personal, padres, tutores y estudiantes de Worcester Public Schools:

De conformidad con la Ley de Respuesta de Emergencia a los Peligros de Asbesto (AHERA) 40 CFR 763 de la Agencia de Protección Ambiental de los EE. UU. (EPA), en el otoño de 1989, Worcester Public Schools comenzó las inspecciones de cada uno de nuestros edificios en busca de material de construcción que contenga asbesto (ACBM). Los resultados de la inspección y los planes de gestión de asbesto están archivados en la oficina administrativa de cada escuela.

La EPA requiere que se realicen reinspecciones de todos los materiales de construcción que contengan asbesto (ACBM) cada 3 años. Los inspectores de asbesto acreditados realizaron recientemente estas reinspecciones en octubre de 2019. Un planificador de gestión de asbesto acreditado revisó los resultados de las reinspecciones y recomendó acciones que Worcester Public Schools debería continuar implementando para gestionar adecuadamente el ACBM en nuestros edificios. Se realizará la próxima ronda de reinspecciones en otoño de este año. Un inspector de asbesto acreditado también realiza una vigilancia periódica de todos los ACBM cada seis meses.

Además de los informes de inspección originales de la AHERA, los informes de reinspección de tres años y de vigilancia de seis meses más recientes están archivados en el plan de gestión de la oficina administrativa de cada escuela. Todos son bienvenidos a ver el plan de gestión de asbesto en cualquier momento durante el horario escolar normal (de lunes a viernes).

Si tiene alguna pregunta sobre los procedimientos utilizados para gestionar adecuadamente el asbesto en nuestros edificios, comuníquese con la persona designada por AHERA de Worcester Public Schools, Kristen Tran, al (508) 799-3151 o a tranki@worcesterschools.net.

Atentamente,

Kristen Tran
Worcester Public Schools
Persona designada por AHERA

Worcester Public Schools es una institución educativa que ofrece igualdad de oportunidades/acción afirmativa y no discrimina por motivos de raza, color, ascendencia, sexo, género, edad, religión, nacionalidad, identidad o expresión de género, estado civil, orientación sexual, discapacidad, embarazo o alguna condición relacionada, servicio militar o por falta de vivienda. Worcester Public Schools brinda igualdad de acceso a oportunidades de empleo y una gama completa de programas de educación general, ocupacional y vocacional. Para más información relacionada con la igualdad de oportunidades/acción afirmativa, comuníquese con el gerente de Recursos Humanos, 20 Irving Street, Worcester, MA 01609, 508-799-3020



Worcester Public Schools

Worcester, Massachusetts



Adwumam Akade
Asoce

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Faks (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Mpotam a Ebete na Bammō bebam ho Nkitahodifo

Osanaa 29, 2022

Worcester Public Schools Adwumayefo, Awofo, Ahwefo ne Adesuafo Pa:

Nea ebeye na yebedi U.S. Mpotam Bammō Adwumakuw (EPA) Asbestos Hazard Emergency Response Mmara (AHERA) 40 CFR 763, wō 1989 fōol bere no, Worcester Public Schools fii ase hwehwee yen adan no mu biara mu de hwee nea asbestos (ACBM) wom. Nea wohui ne asbestos a wobesi ano ho nhyehyee no wō sukuu biara kyerewtho mu wō won ofisi.

EPA hwehwe se mfe 3 biara no, wōbesan aye ACBM ho nhwehwemu. Asbestos Nhwehwemufo a Mmara ma won Kwan yee saa nhwehwemu no wō October 2019 mu. Asbestos Anosiw Nhyehyeefo a mmara ama no tumi hwehwee nhwehwemu no mu kyerewtho na okyeree nea ese se Worcester Public Schools kō so ara ye na ama wātumi adi ACBM ho dwuma wō won adan ho senea efata. Yebesan aye nhwehwemu a edi hō no saa fall (hwe ase) yi. Asbestos Nhwehwemufo a mmara ama no tumi san hwehwe ACBM mu bosome asia biara.

Se yede AHERA nhwehwemu ho kyerewtho no to nkyen a, wōsan kora kyerewtho a wōye no afe miensa ne bosome asia biara wō sukuu no kyerewtho mu wō won ofisi. Obiara wō hokwan se ohwe asbestos anosiw ho nhyehyee no bere biara bere a sukuu dwumadi rekō so (Dwoda kosi Fida).

Se wowō nsemmisa bi fa akwan a yefa so siw asbestos ano wō yen adan mu a, yesre wō wone Worcester Public Schools AHERA Nanmusini a Wōapaw, Kristen Tran, nni nkitaho wō (508) 799-3151 anaa wō tranki@worcesterschools.net.

Eye me,

Kristen Tran
Worcester Public Schools
AHERA Nanmusini a Wōapaw

The Worcester Public Schools no ye Akwanya/Ngyiansoo Anamantuo Adwumafo/Nhomasua Asoce ena enye nnyiyimu enfa ho nipa woye, kola, obaa anaa berima nfee, osom, oman so wō fri, awaree, obaa ne berima mu nda, demdie anaa anenamfikyire. The Worcester Public Schools no ma adwuma ho akwanya pepepe ena nneema nyinaa efa, adwumaye cna nsaano adwuma nhomasua dwumadie ho. Ma nsem pii fa Akwanya/Nsisoo Pepepe Anamantuo ho no ma wonsa nka Nipa Ahonyadie so Hwefo, 20 Irving Street, Worcester, MA 01609, 508-799-3020.



Worcester Public Schools

Worcester, Massachusetts



Phòng Quản lý
Cơ sở hạ tầng

115 NE Cutoff
Worcester, Massachusetts 01606

Điện thoại (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Điều phối viên phụ trách các vấn đề về
sức khỏe và an toàn môi trường

29/08/2022

Kính gửi Nhân viên, Phụ huynh, Người giám hộ và Học sinh của Worcester Public Schools:

Theo Đạo luật Ứng phó Khẩn cấp về Nguy cơ Amiăng (AHERA) 40 CFR 763 của Cơ quan Bảo vệ Môi trường Hoa Kỳ (EPA), từ mùa thu năm 1989, Worcester Public Schools đã bắt đầu kiểm tra việc sử dụng vật liệu xây dựng có chứa amiăng (ACBM) trong từng tòa nhà của chúng tôi. Các phát hiện trong quá trình kiểm tra và kế hoạch quản lý amiăng đều được lưu hồ sơ tại văn phòng hành chính của mỗi trường.

EPA yêu cầu tiến hành tái kiểm tra tất cả ACBM 3 năm một lần. Nhân viên kiểm tra amiăng được chứng nhận đã tiến hành lần tái kiểm tra gần đây nhất vào tháng 10 năm 2019. Một Cán bộ lập kế hoạch quản lý amiăng được chứng nhận đã xem xét kết quả của các đợt tái kiểm tra này và khuyến nghị Worcester Public Schools tiếp tục tiến hành các hoạt động để quản lý ACBM đúng cách trong các tòa nhà của chúng tôi. Đợt tái kiểm tra tiếp theo sẽ được tiến hành vào mùa thu này. Nhân viên kiểm tra amiăng được chứng nhận cũng tiến hành công tác giám sát định kỳ tất cả ACBM sáu tháng một lần.

Ngoài các báo cáo kiểm tra ban đầu theo AHERA, các báo cáo tái kiểm tra 3 năm một lần và báo cáo giám sát sáu tháng một lần gần đây nhất đều được lưu trong kế hoạch quản lý tại văn phòng hành chính của mỗi trường. Mọi cá nhân đều có thể xem kế hoạch quản lý amiăng bất cứ lúc nào trong giờ mở cửa trường thông thường (từ thứ Hai đến thứ Sáu).

Nếu quý vị có bất kỳ câu hỏi nào về các thủ tục được áp dụng để quản lý amiăng đúng cách trong các tòa nhà của chúng tôi, vui lòng liên hệ với Người phụ trách thực hiện AHERA của Worcester Public Schools, Kristen Tran, theo số (508) 799-3151 hoặc địa chỉ tranki@worcesterschools.net.

Trân trọng,

Kristen Tran
Worcester Public Schools
Người phụ trách thực hiện AHERA

Worcester Public Schools là Nhà tuyển dụng/Tổ chức giáo dục vì hành động tích cực/cơ hội bình đẳng và không phân biệt đối xử bất kể chủng tộc, màu da, cội nguồn, tình dục, giới tính, tuổi tác, tôn giáo, nguồn gốc quốc gia, bản dạng giới tính hoặc biểu hiện giới tính, tình trạng hôn nhân, khuynh hướng tình dục, tình trạng khuyết tật, tình trạng mang thai hoặc tình trạng liên quan, đang trong quân đội hoặc giải ngũ hay tình trạng vô gia cư. Worcester Public Schools mang đến khả năng tiếp cận bình đẳng về việc làm và đầy đủ các chương trình giáo dục phổ thông, đào tạo nghề và hướng nghiệp. Để biết thêm thông tin liên quan đến Chính sách đặc cách/cơ hội bình đẳng, vui lòng liên hệ với Quản lý nhân sự, 20 Irving Street, Worcester, MA 01609, 508-799-3020.

SECTION 4
OUTSIDE CONTRACTOR FORM



Worcester Public Schools

Worcester, Massachusetts



Facilities Management
Department

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Environmental Health and Safety Coordinator

August 29, 2022

Dear Contractor Representative:

This letter serves as notice that the Worcester Public Schools (WPS) Operations and Maintenance (O&M) Program for Asbestos Management has been updated. Many, but not all, WPS school buildings have asbestos-containing building material (ACM).

Any work that has the potential to disturb ACM must be performed by WPS' designated accredited asbestos contractor.

Examples of the types and locations of ACM - common in some of WPS' buildings include, but are not limited to:

- | | |
|------------------------------------|--|
| ▪ ACM Fireproofing | above ceilings, within column enclosures, pipe and duct chases |
| ▪ ACM pipe fittings and insulation | on pipes |
| ▪ ACM floor tile & mastic | on floors |
| ▪ ACM ceiling tiles and plaster | on ceilings and walls |
| ▪ ACM cement transite board | ceilings and walls |
| ▪ ACM thermal system insulation | HVAC systems and ductwork |

Note: In areas where "sprayed-on ACM" is present on the ceiling surface, locations above all suspended ceiling tiles and all ceiling materials & surfaces are assumed to be asbestos contaminated, and work must only be performed by accredited asbestos workers.

Where to obtain information - The *Asbestos Management Plan (AMP)* with site-specific information for each building is available for your review at each school building and at the Facilities Management office, 115 NE Cutoff, Worcester, MA 01606, during business hours. We update these AMPs as new information is generated. Thus, if you have questions about the information you review, please contact the Environmental Coordinator, the Designated Person, at 508-799-3151.

What to do if asbestos is discovered - If ACM or suspected ACM is discovered in the area designated for work, or discovered during work that has commenced, the Contractor assumes responsibility to immediately notify the Designated Person, and all workers of existing or suspected asbestos conditions.

Work shall not continue until the Designated Person, upon proper notification from the Contractor or Subcontractor, has had the suspected ACM analyzed. This testing will be done promptly by WPS. If the Contractor proceeds to work after notification by WPS not to proceed, the Contractor shall become liable for all costs associated with mitigation of the release.

If there is a fiber release of ACM during contract work - the Contractor will:

1. Immediately contact the Environmental Coordinator (the Designated Person), at 508-799-3151 for guidance on how to proceed.
2. Stop all work in the vicinity of the release until the Designated Person approves the

commencement of work. The Contractor shall assume all responsibility for compliance with applicable regulations and WPS' procedures regarding discovery and notification of the presence of ACM.

3. Obtain a copy of insert from the *WPS Asbestos O&M Program and Resource Handbook - Asbestos Fiber Release Emergency Response* which can be obtained from the AMP on-site, or a hard copy through the Designated Person's office at the Facilities Management office, 115 NE Cutoff, Worcester, MA 01606, or electronically by fax or e-mail.
4. Complete the *Fiber Release Report* form located in the insert and submit it to the Designated Person.

WPS prohibits the purchase and use of any new ACM in WPS buildings - Contractors will notify the Architect (if applicable) and WPS' Designated Person, by phone at 508-799-3151 and in writing immediately upon becoming aware of any material and/or equipment included in on-site job materials or in contract documents that contain asbestos, so that alternative material and/or equipment can be used. Contractors who provide material and equipment that contain asbestos will be liable for the cost of removal of such material, and for mitigating any releases due to the unauthorized use of ACM. The Contractor shall obtain the acknowledgment of all suppliers and manufacturers of their liability for such removal.

Acknowledgement of this notification - The return of one signed copy of this letter constitutes your receipt of the above referenced information, and certification of your compliance with AHERA requirements.

Please contact me at 508-799-3151 if you have any questions.

Sincerely,



Kristen Tran
Worcester Public Schools
AHERA Designated Person

RECEIPT ACKNOWLEDGED BY:

NAME (please print): _____

SIGNATURE: _____ DATE: _____

TITLE: _____ COMPANY: _____

Office Use Only:

RETURNED TO FACILITIES DEPARTMENT:

NAME

DATE RECEIVED



Tran, Kristen <tranki@worcesterschools.net>

Worcester Public Schools Annual AHERA Notification

1 message

Tran, Kristen <tranki@worcesterschools.net>

Wed, Oct 6, 2021 at 12:29 PM

Cc: James Bedard <bedard@worcesterschools.net>, Thomas Barrett <barrett@worcesterschools.net>
 Bcc: JackieLetour@gmail.com, sales@puntoncorporation.com, al@rottiapower.com, jorge@alphatravelagency.com, mafferojoe@gmail.com, admin@antonelliconstruction.com, info@aquabarriers.net, jakeeper.archersecurity@comcast.net, Brian Williams <brian.williams@onestlas.com>, James Beaudry <james@baystatecontracting.com>, lyn@aeductservices.com, krowley@imperialdada.com, jeffrey@capitalcarpetonline.com, Kim Swart <kaswart59@gmail.com>, to NYC.citywelding@verizon.net, bobclark@clarkmailing.com, stephanie@communicationsexpress.com, Comerston@bs.info@gmail.com, dec@decorp.com, lennyc@delsignore-electric.com, john.ziegler@nelic.com, sasmuck@durhamchoolservices.com, chris@duvadistributors.com, mpierce@excellevator.com, nsherman@edm-aa.com, LISAD@fwwebb.com, MartyD@founda.com, garlickma_customerservice@deanfoods.com, pashon@gprinting.com, coel@giantaagellic.com, office@gustafsonplumbing.com, hudsonbelting@gmail.com, MGouveia@impactlineservices.com, tmadigan@jcmadigan.com, Matt@odcworcester.com, info@ibarch.com, jhermann@lupolcompanies.com, Smooney@pansaver.com, info@mlschmittalelectric.com, purchasing@mansfieldpaper.com, Nault Architects <admin@naultarchitects.com>, matt@newenglanduniform.com, Michael Glass <michael.glass@nextgensupply.com>, Matt@nepabk.com, deateves@ostrowelectric.com, STOG140410@aol.com, nailbury@polarbev.com, raymond@raymondjamesrestoration.com, jcallaghan@renaudhvac.com, jddrake@royalsteamheater.com, jessica@stadium-system.com, marybeth@pumpseptic.com, CRiddell@collinsalectricos.com, pnaiff.thomsen@gmail.com, tim.thurston@thurstonfoods.com, steven_zuidema@unifrat.com, steve.corridor@wbmason.com, bgorczyca@waynealam.com, webstersqline@gmail.com, services@weldpower.com, James Mazzuchelli <jm@wpcpestcontrol.com>, Richards@wsinc.com, teamrader@wca.com, ablanchard@wflynchinc.com, christopher.casello@johnstonehvac.com

Good Afternoon,

In accordance with the Asbestos Hazard Emergency Response Act (AHERA), the Worcester Public Schools (WPS) is required to provide an annual notification to all contractors & vendors regarding the potential presence of asbestos, known or assumed, that could be encountered while in our buildings.

The attached notification can also be found [on our website](#).

In order to ensure that each vendor has received & reviewed the notification, we kindly ask that the appropriate representative from your organization sign and return the attached document to the WPS Facilities Department at your earliest convenience. Feel free to scan and email a copy back to tranki@worcesterschools.net, mail a hardcopy to Attn: Kristen Tran, Worcester Public Schools Facilities Department, 115 NE Cutoff Worcester, MA 01606, or fax to 508-799-3144.

We appreciate your assistance with this effort. Please contact me with any questions.

Regards,

Kristen

—

Kristen Tran

Environmental Health and Safety Coordinator

Worcester Public Schools

115 NE Cutoff | Worcester, MA 01606

(508) 799-3151

WPS AHERA Notification Letter to Vendors 2021-2022.pdf



Worcester Public Schools

Worcester, Massachusetts



Facilities Management
Department

115 NE Cutoff
Worcester, Massachusetts 01606

Tel. (508) 799-3151
Fax (508) 799-3144
tranki@worcesterschools.net

Kristen Tran
Environmental Health and Safety Coordinator

August 30, 2021

Dear Contractor Representative:

This letter serves as notice that the Worcester Public Schools (WPS) Operations and Maintenance (O&M) Program for Asbestos Management has been updated. Many, but not all, WPS school buildings have asbestos-containing building material (ACM).

Any work that has the potential to disturb ACM must be performed by WPS' designated accredited asbestos contractor.

Examples of the types and locations of ACM - common in some of WPS' buildings include, but are not limited to:

- | | |
|------------------------------------|--|
| ▪ ACM Fireproofing | above ceilings, within column enclosures, pipe and duct chases |
| ▪ ACM pipe fittings and insulation | on pipes |
| ▪ ACM floor tile & mastic | on floors |
| ▪ ACM ceiling tiles and plaster | on ceilings and walls |
| ▪ ACM cement transite board | ceilings and walls |
| ▪ ACM thermal system insulation | HVAC systems and ductwork |

Note: In areas where "sprayed-on ACM" is present on the ceiling surface, locations above all suspended ceiling tiles and all ceiling materials & surfaces are assumed to be asbestos contaminated, and work must only be performed by accredited asbestos workers.

Where to obtain information - The *Asbestos Management Plan (AMP)* with site-specific information for each building is available for your review at each school building and at the Facilities Management office, 115 NE Cutoff, Worcester, MA 01606, during business hours. We update these AMPs as new information is generated. Thus, if you have questions about the information you review, please contact the Environmental Coordinator, the Designated Person at 508-799-3151.

What to do if asbestos is discovered - If ACM or suspected ACM is discovered in the area designated for work, or discovered during work that has commenced, the Contractor assumes responsibility to immediately notify the Designated Person, and all workers of existing or suspected asbestos conditions.

Work shall not continue until the Designated Person, upon proper notification from the Contractor or Subcontractor, has had the suspected ACM analyzed. This testing will be done promptly by WPS. If the Contractor proceeds to work after notification by WPS not to proceed, the Contractor shall become liable for all costs associated with mitigation of the release.

If there is a fiber release of ACM during contract work - the Contractor will:

1. Immediately contact the Environmental Coordinator (the Designated Person), at 508-799-3151 for guidance on how to proceed.
2. Stop all work in the vicinity of the release until the Designated Person approves the

commencement of work. The Contractor shall assume all responsibility for compliance with applicable regulations and WPS' procedures regarding discovery and notification of the presence of ACM.

3. Obtain a copy of insert from the *WPS Asbestos O&M Program and Resource Handbook - Asbestos Fiber Release Emergency Response* which can be obtained from the AMP on-site, or a hard copy through the Designated Person's office at the Facilities Management office, 115 NE Cutoff, Worcester, MA 01606, or electronically by fax or e-mail.
4. Complete the *Fiber Release Report* form located in the insert and submit it to the Designated Person.

WPS prohibits the purchase and use of any new ACM in WPS buildings - Contractors will notify the Architect (if applicable) and WPS' Designated Person, by phone at 508-799-3151 and in writing immediately upon becoming aware of any material and/or equipment included in on-site job materials or in contract documents that contain asbestos, so that alternative material and/or equipment can be used. Contractors who provide material and equipment that contain asbestos will be liable for the cost of removal of such material, and for mitigating any releases due to the unauthorized use of ACM. The Contractor shall obtain the acknowledgment of all suppliers and manufacturers of their liability for such removal.

Acknowledgement of this notification - The return of one signed copy of this letter constitutes your receipt of the above referenced information, and certification of your compliance with AHERA requirements.

Please contact me at 508-799-3151 if you have any questions.

Sincerely,

Kristen Tran
Worcester Public Schools
AHERA Designated Person

RECEIPT ACKNOWLEDGED BY:

NAME (please print): _____

SIGNATURE: _____ DATE: _____

TITLE: _____ COMPANY: _____

Office Use Only:

RETURNED TO FACILITIES DEPARTMENT:

NAME

DATE RECEIVED

The Worcester Public Schools is an Equal Opportunity/Affirmative Action Employer/Educational Institution and does not discriminate regardless of race, color, ancestry, sex, gender, age, religion, national origin, gender identity or expression, marital status, sexual orientation, disability, pregnancy or a related condition, veteran status or homelessness. The Worcester Public Schools provides equal access to employment and the full range of general, occupational and vocational education programs. For more information relating to Equal Opportunity/Affirmative Action, contact the Human Resource Manager, 20 Irving Street, Worcester, MA 01609, 508-799-3020.

SECTION 5
OPERATIONS & MAINTENANCE ACTIVITIES

ASBESTOS OPERATIONS AND MAINTENANCE PLAN

1.0 INTRODUCTION

A. **Worcester Public Schools Policy is not to have in-house employees and service contractors conduct activities that will disturb materials containing asbestos.** However, there are housekeeping and maintenance activities during which maintenance and custodial staff may come into contact with ACBM. These work activities are to be carried out according to procedures described in this Asbestos O&M Program and include the following activities:

- F. Stripping of asbestos-containing floor tiles.
- G. Burnishing and dry buffing of asbestos-containing floor tiles.
- H. Preventative Measure for Chipped/Cracked Floor Tile and Mastic
- I. Initial cleaning where friable or damaged ACBM is present.
- J. Additional cleaning where friable or damaged ACBM is present.

1.01 CUSTODIAL ACTIVITIES

D. Stripping of Asbestos-Containing Floor Tile

- 6. Sanding of asbestos or presumed asbestos-containing floor tile is prohibited
- 7. Floor is to be kept adequately wet during the stripping operation
- 8. After stripping and before application of the new wax, the floor should be thoroughly cleaned, while wet
- 9. Machines cannot run at speeds greater than 300 rpm during stripping operations
- 10. Machine must be equipped with low abrasion pads

E. Burnishing and Dry Buffing of Asbestos-Containing Floor Tile

- 3. Sanding of asbestos-containing or presumed asbestos-containing floor tile is prohibited
- 4. Activity can only be performed if there is a sufficient wax finish so that the pad cannot contact the asbestos-containing material.

F. Preventative Measure for Chipped/Cracked Floor Tile

- 1. Chipped/Cracked floor tile shall have an application of a wax coating to help prevent further wear and potential fiber release.

D. Initial Cleaning

- 1. Unless the building has been cleaned using equivalent methods within the previous six months, all areas of the schools listed where friable ACBM or damaged or significantly damaged thermal system insulation ACM, or friable suspected ACBM assumed to be ACM are present shall be cleaned at least once after the completion of the inspection required by 763.85(a) and before the initiation of any response action, other than Operations and Maintenance activities or repair, according to the following procedures:
 - a) HEPA vacuum or steam clean all carpets;
 - b) HEPA vacuum or wet clean all other floors and all horizontal surfaces;
 - c) Dispose of all debris, filters, mop heads, and cloths in sealed, leak tight containers as Asbestos-Contaminated Waste Material (ACWM)
- 2. The "Cleaning Record Form" is to be completed and maintained in Section 5.

E. Additional Cleaning

1. The floor areas where asbestos-containing ceiling tiles are present shall be wet cleaned (spot mopped) once a week.
2. Every two months objects under the asbestos ceiling tiles (shelves, book, desks, blinds, etc.) shall be wet cleaned and/or HEPA vacuumed.
3. Areas underneath exposed asbestos pipe insulation or damaged pipe insulation shall be wet cleaned and/or HEPA vacuumed until the insulation is covered, encapsulated, repaired or removed.
4. Dispose of all debris, filters, mop heads, and cloths in sealed, leak tight containers as ACWM.
5. The "Cleaning Record Form" is to be completed and maintained in Section 5.

F. Warning Labels

1. The Local Education Agency shall post signs or attach a warning label immediately adjacent to any friable and non-friable ACM and suspected ACM assumed to be ACM located in routine maintenance areas (such as boiler rooms, janitor closets, etc.) at each school building.

This will include:

- a) Friable ACM that was enclosed, encapsulated or repaired.
- b) ACM for which no response action was carried out.

All signs or labels shall be prominently displayed in readily visible locations and shall remain posted until the ACM is removed.

The warning label shall read, in print which is readily visible because of large size or bright color, as follows:

DANGER
Contains Asbestos Fibers
Avoid Creating Dust
Cancer and Lung
Disease Hazard

G. Prohibited Activities

1. Maintenance staff employees WILL NOT:
 - a) Drill, saw, sand or otherwise mechanically disturb asbestos containing materials, friable or non-friable.
 - b) Damage asbestos-containing materials while moving furniture, equipment or other objects.
 - c) Damage asbestos containing material while performing maintenance and custodial work.
 - d) Store or locate items and equipment on or near asbestos-containing material.
 - e) Clean or wipe floors, ceilings, moldings or other surfaces where asbestos may be present in a dry state or by sweeping with a dry rag, brush or broom.
 - e) Use unapproved vacuums for asbestos containing material and dust.

- f) Remove Non-asbestos ceiling tiles below asbestos-containing materials without remedial cleaning, proper respiratory and personal protection, clearing the area of building occupants and observing asbestos removal waste disposal procedures.
- g) Remove or shake clean HVAC system filters dry or without control measures to minimize fiber release.

H. Inspections

1. Inspections shall be performed once every 6-months and once every three years by a State of MA licensed asbestos inspector to observe the condition of asbestos-containing materials known or assumed within the building.

**OPERATIONS AND MAINTENANCE
SPECIAL CLEANING ACTIVITIES**

DATE COMPLETED: _____ **ROOMS:** _____

DESCRIPTION OF METHOD(S) USED DURING THIS O&M ACTIVITY:

- ☐ HEPA vacuum
- ☐ Wet mop
- ☐ Wet Swiffer
- ☐ Wet rags
- ☐ Other _____

Horizontal Surfaces cleaned:

- ☐ Floors
- ☐ Desks/Chairs
- ☐ Tops of filing cabinets
- ☐ Tops of univents
- ☐ Windowsills
- ☐ Chalk trays
- ☐ _____
- ☐ _____

Waste Disposal:

- ☐ Cleaning rags/cloths bagged while wet
- ☐ HEPA vacuum emptied
- ☐ Waste bags goosenecked with duct tape
- ☐ Waste bags labeled

Cleaning completed by: _____

Date of ACWM collected: _____

Notes:

- Review O&M Plan for specific methods, locations and frequency of cleaning in your school.
- All special cleaning equipment shall be designated only for this cleaning.
- Dirty cleaning rags, etc. shall be picked up monthly by a Massachusetts licensed asbestos contractor. Contractor shall provide a Waste Shipment Record to the LEA.
- Maintain a copy of this form in the AHERA management plan in the O&M activities section.

SECTION 6
FIBER RELEASE RECORDS



**FIBER RELEASE EPISODE
NOTIFICATION FORM**

Date(s) episode occurred: _____ Time of Day: _____

Was the building occupied Yes No

Name of School: _____

School Address: _____

Location where the episode occurred (include room number or clear designation of the area): _____

Amount of ACM involved: _____ Type of ACM: _____

Describe what happened to create the fiber release episode:

What Preventive measures were used to protect building occupants:

- ☐ Isolate the area-Restrict entry (poly on doors, hard barriers)
- ☐ Post warning signs
- ☐ Modify HVAC to affected area
- ☐ Air testing performed
- ☐ Asbestos Consultant contacted for evaluation
- ☐ Project Design prepared--greater than 3 linear/square feet

Name of Consultant: _____

Name of asbestos contractor _____

Date corrective action was started/will start: _____

Submit this form within 24 hours of event pursuant to 454 CMR 28.13(7)(e)2.d.
to: Zachariah.Costa@mass.gov

Note: retain a copy of this notice in your AHERA management plan.

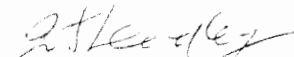
SECTION 7
INITIAL INSPECTION REPORT

Lakeview Elementary School
133 Coburn Avenue
Worcester, MA

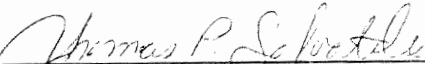
Number of Floors----->	1
Number of Basement Levels----->	1
Number of Attic or Penthouse Levels----->	1
Number of Other Levels----->	
Original Construction Date----->	1922
Additions----->	1928
Renovations----->	-
Estimated Square Footage----->	27,918
Heating System----->	Oil

ACM is present

Inspector #1: Jennifer A. Leadley

Signature: 
Accreditation: I00472

Inspector #2: Thomas P. Salvatelli

Signature: 
Accreditation: I00461

Sampled on August 21, 1989

Building Description

Lakeview Elementary School was built in 1922, with an addition completed in 1928. The red brick building is single story, with an unused attic and a partly excavated basement.

The interior ceilings and walls of the school are plaster. The flooring material throughout the building is predominantly wood, in some areas floor tiles have been placed over the wood.

Heating throughout Lakeview Elementary is by two oil fired boilers located in the basement.

RESPONSE ACTIONS:

- 1) Remove
- 2) Repair
- 3) Encapsulate
- 4) Enclose
- 5) Operations and Maintenance

RESPONSE ACTIONS FOR HOMOGENEOUS AREAS

Although removal may not be necessary, materials containing asbestos can be removed.

Homogeneous Area #1: Plaster Ceiling 1

Functional Space: Auditorium, Library, Kitchen, Teachers' Room, Stage Copier Room, Nurse's Room Principal's Office, Clerk's Office, Clerk's Storage 1, Clerk's Storage 2, Closets 1, 2, 3, 4, 5, 6, 7, 8, Boys' Bathroom, Girls' Bathroom, Halls 1, 2, 3, 4, 5, 6, Rooms 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Bulk analysis reveals the plaster ceiling 1 does not contain asbestos. Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #2: Plaster Ceiling 2

Functional Space: Boiler Room, Fan Room, Back Fan Room, Coal Room, Boiler Room Storage, Boiler Room Stairs.

Bulk analysis reveals the plaster ceiling 2 does not contain asbestos. Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #3: Cementitious Ceiling Material

Functional Space: Cupboards in the Library, Rooms 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Bulk analysis reveals the cementitious ceiling material does not contain asbestos. Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #4: Smooth Plaster Wall

Functional Space: Auditorium, Library, Kitchen, Teachers' Room, Stage, Principal's Office, Nurse's Room, Copier Room, Clerk's Office, Clerk's Storage 1, Clerk's Storage 2, Closets 1, 2, 3, 4, 5, 6, 7, 8, Halls 1, 2, 3, 4, 5, 6, Rooms 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Bulk analysis reveals the smooth plaster wall does not contain asbestos. Therefore, a response action is not necessary.
Response Action: Not Necessary.

Homogeneous Area #5: Rough Plaster Wall 1
Functional Space: Room 5.

Bulk analysis reveals the rough plaster wall 1 does not contain asbestos. Therefore, a response action is not necessary.
Response Action: Not Necessary.

Homogeneous Area #6: Rough Plaster Wall 2
Functional Space: Boiler Room Stairs.

Bulk analysis reveals the rough plaster wall 2 does not contain asbestos. Therefore, a response action is not necessary.
Response Action: Not Necessary.

Homogeneous Area #7: Plaster Board Wall
Functional Space: Auditorium.

Bulk analysis reveals the plaster board wall does not contain asbestos. Therefore, a response action is not necessary.
Response Action: Not Necessary.

Homogeneous Area #8: White with Red and Black 9in.x 9in.Floor Tile
Functional Space: Teachers' Bathroom 1.

The nonfriable white with red and black floor tile appears to be in good condition. Bulk analysis reveals the floor tiles contain 15% chrysotile. Under normal activities, the potential for fiber release is low due to the difficulty in reducing the floor tiles to a friable condition. However, if nonfriable ACM is sanded, drilled, cut or broken a potential hazard exists.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACM or until hazard assessment factors change.

Homogeneous Area #9: Fawn with Black 9in.x 9in.Floor Tile
Functional Space: Kitchen.

The nonfriable fawn with black floor tile appears to be in good condition. Bulk analysis reveals the floor tiles contain 7% chrysotile. Under normal activities, the potential for fiber release is low due to the difficulty in reducing the floor tiles to a friable condition. However, if nonfriable ACM is sanded, drilled, cut or broken a potential hazard exists.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACM or until hazard assessment factors change.

Homogeneous Area #10: Greyish Blue with Black 9in.x 9in.Floor Tile
Functional Space: Library, Room 9.

The nonfriable greyish blue with black floor tile appears to be in good condition. Bulk analysis reveals the floor tiles contain 20% chrysotile. Under normal activities, the potential for fiber release is low due to the difficulty in reducing the floor tiles to a friable condition. However, if nonfriable ACM is sanded, drilled, cut or broken a potential hazard exists.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACM or until hazard assessment factors change.

Homogeneous Area #11: Green Streaked 9in.x 9in.Floor Tile
Functional Space: Teachers' Bathroom 2.

The nonfriable green streaked floor tile appears to be in good condition. Bulk analysis reveals the floor tiles contain 10% chrysotile. Under normal activities, the potential for fiber release is low due to the difficulty in reducing the floor tiles to a friable condition. However, if nonfriable ACM is sanded, drilled, cut or broken a potential hazard exists.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACBM or until hazard assessment factors change.

Homogeneous Area #12: Cream with Brown 1' x 1' Floor Tile
Functional Space: Room 5.

The nonfriable cream with brown floor tile appears to be in good condition. Bulk analysis reveals the floor tiles contain 3% chrysotile. Under normal activities, the potential for fiber release is low due to the difficulty in reducing the floor tiles to a friable condition. However, if nonfriable ACBM is sanded, drilled, cut or broken a potential hazard exists.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACBM or until hazard assessment factors change.

Homogeneous Area #13: Fiber Paper
Functional Space: Auditorium, Library, Teachers' Room, Principal's Office, Clerk's Office, Clerk's Storage 1, Clerk's Storage 2, Halls 1, 2, 3, 5, 6, Room 1, 2, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Bulk analysis reveals the fiber paper does not contain asbestos. Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #14: Black Window Ledges
Functional Space: Library, Teachers' Room, Principal's Office, Nurse's Room, Teachers' Bathroom 1, Teachers' Bathroom 2, Boys' Bathroom, Girls' Bathroom, Halls 1, 2, Rooms 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Bulk analysis reveals the black window ledges do not contain asbestos. Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #15: Flex Connector #1
Functional Space: Fan Room

Bulk analysis reveals flex connector #1 does not contain asbestos.
Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #16: Flex Connector #2
Functional Space: Boys' Bathroom.

Bulk analysis reveals flex connector #2 does not contain asbestos.
Therefore, a response action is not necessary.

Response Action: Not Necessary.

Homogeneous Area #17: Flex Connector #3
Functional Space: Girls' Bathroom.

Although the flex connectors #3 are not building materials, it should be noted that they may contain asbestos. These flex connectors were not sampled because they are in good condition and sampling would destroy them.

The two friable flex connectors #3 on the ductwork are in good condition. The potential for disturbance due to vibration, air erosion, physical contact and water damage does exist.

Response Action:

#5: Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACBM or until hazard assessment factors change.

Homogeneous Area #18: Plaster Patch
Functional Space: Boiler Room Stairs.

The friable plaster patch on the boiler room stairwell is in poor condition. Bulk analysis reveals the plaster patch contains 35% chrysotile. The potential for disturbance due to vibration, air erosion, physical contact and water damage does exist.

Response Action:

#1: Remove. Since there is potential for fiber release, the plaster patch should be removed.

Homogeneous Area #19: Thermal System Insulation (T.S.I.)

Functional Space: Attic, Boiler Room, Coal Storage, Copier Room, Fan Room.

The friable insulation is damaged in some areas and in good condition in others. Bulk analysis ranges from 30% to 40% chrysotile. The potential for disturbance due to physical contact, air erosion, vibration and water damage does exist.

Response Action:

#2 & #5 The following is a list of areas that contain damaged thermal system insulation with the percentage of damage in parentheses: boiler room, 3in.T.S.I.(5%), 4in.T.S.I.(10%), 8in.T.S.I.(5%), 2 boilers (<5%); copier room, 8in.T.S.I.($<5\%$); fan room, 3in.T.S.I.(20%), 4in.T.S.I.(20%), debris on 4in. pipe. Damaged areas should be repaired immediately. Once repairs are made the area should be placed under an Operations and Maintenance Program. Operations and Maintenance will continue until major renovation, demolition, or repair work requires disturbing the ACBM or until hazard assessment factors change. Removal is an option.

Response Action:

#5: The remaining thermal system insulation is in good condition. Develop and continue an Operations and Maintenance Program until major renovation, demolition or repair work requires disturbing the ACBM or until hazard assessment factors change.

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#01	Boys BR	540 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Closet 6	32 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Hall 3	72 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Principal Off	450 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Clerk Storage 1	64 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Clerk Storage 2	64 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Clerk Office	24 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Teachers Rm	450 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Kitchen	80 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Copy Rm	64 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Closet 7	100 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Closet 8	25 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Girls BR	540 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Hall 4	72 5	23	H	N			Plaster Ceiling
MIS	HA#01	Stage	360 5	23	M	N			Plaster Ceiling
MIS	HA#01	Auditorium	4800 5	23	H	N			Plaster Ceiling
MIS	HA#01	Hall 5	300 5	23	H	N			Plaster Ceiling
MIS	HA#01	Hall 6	300 5	23	H	N			Plaster Ceiling
MIS	HA#01	Closet 1	24 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Closet 2	72 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Closet 3	60 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Closet 4	72 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Closet 5	70 5	2-4	M	N			Plaster Ceiling
MIS	HA#01	Rm 1	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 2	650 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 3	650 5	2-4	H	10		Water	Plaster Ceiling
MIS	HA#01	Rm 4	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 5	875 5	2-4	H	N			Plaster Ceiling, 90% Peeling Paint
MIS	HA#01	Rm 6	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 8	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 9	1125 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 10	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 11	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 12	650 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 13	650 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 14	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 15	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Rm 16	875 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Hall 1	1000 5	2-4	H	20		Phys	Plaster Ceiling
MIS	HA#01	Hall 2	1000 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Nurse's Rm	300 5	2-4	H	N			Plaster Ceiling
MIS	HA#01	Library	1000 5	2-4	H	N			Plaster Ceiling

*** Total ***

24410

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#02	Boiler Rm	240	5	1-4	L	N		Plaster Ceiling #2
MIS	HA#02	Fan Rm	360	5	1-4	L	N		Plaster Ceiling #2
MIS	HA#02	Back Fan Rm	120	5	1-4	L	N		Plaster Ceiling #2
MIS	HA#02	Coal Rm	700	5	1-4	L	N		Plaster Ceiling #2
MIS	HA#02	Boiler Stairs	40	5	1-4	L	N		Plaster Ceiling #2
MIS	HA#02	Boiler Storage	450	5	1-4	L	N		Plaster Ceiling #2
*** Total ***			1910						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#03	Rm 1	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 2	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 3	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 4	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 5	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 6	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 8	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 9	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 10	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 11	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 12	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 13	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 14	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 15	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Rm 16	40 5	3	H	N		Cementitious Ceil Mat in cupboards
MIS	HA#03	Library	40 5	3	H	N		Cementitious Ceil Mat in cupboards
*** Total ***			640					

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#04	Rm 1	1800 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 2	1800 5	34	H	<5		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 3	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 4	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 6	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 8	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 9	2100 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 10	1800 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 11	1800 5	34	H	10		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 12	1800 5	34	H	10		Phys	Smooth Plaster Walls
MIS	HA#04	Rm 13	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 14	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 15	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Rm 16	1800 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Library	2100 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Closet 1	300 5	34	M	20		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 2	540 5	34	M	20		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 3	510 5	34	M	20		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 4	540 5	34	L	10		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 5	510 5	34	L	10		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 6	360 5	34	L	25		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 7	600 5	34	L	5		Phys	Smooth Plaster Walls
MIS	HA#04	Closet 8	300 5	34	L	5		Phys	Smooth Plaster Walls
MIS	HA#04	Hall 1	3300 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Hall 2	3300 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Hall 3	660 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Hall 4	660 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Hall 5	1200 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Hall 6	1200 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Nurse's Rm	1110 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Girls BR	1710 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Boys BR	1530 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Principal Off	1350 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Teachers BR 1	330 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Clerk Storage 1	480 5	34	M	N			Smooth Plaster Walls
MIS	HA#04	Clerk's Office	420 5	34	H	5		Phys	Smooth Plaster Walls
MIS	HA#04	Clerk Storage 2	480 5	34	M	N			Smooth Plaster Walls
MIS	HA#04	Teachers Rm	1350 5	34	H	N			Smooth Plaster Walls
MIS	HA#04	Kitchen	540 5	34	H	N			Smooth Plaster Walls, behind boards
MIS	HA#04	Kitchen	540 5	34	H	N			Smooth Plaster Walls, behind boards
MIS	HA#04	Copier Rm	480 5	34	H	N			Smooth Plaster Walls, behind boards
MIS	HA#04	Stage	915 5	34	H	5		Phys	Smooth Plaster Walls, 3 Walls
MIS	HA#04	Auditorium	4500 5	34	H	5		Phys	Smooth Plaster Walls, 3 Walls

*** Total ***

57315

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#05	Rm 5	1800	5	34	H	5	Water	Rough Plaster Walls #1
*** Total ***			1800						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#06	Boiler Rm Stair	420 5	3	L	N		Rough Plaster Walls #2
***	Total	***	420					

Lake View Elementary School
133 Coburn Street
Worcester

Yomo Area	Homo Area #	Functional Space	Total Square Feet	Assess Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#07	Auditorium	480	5	23	H	N	Plaster Board Walls
***	Total	***	480					

Lake View Elementary School
133 Coburn Street
Worcester

Room Area #	Room Area	Functional Space	Total Square Feet	Assess Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#08	Teachers BR 1	30 5	3	H	N		9"x 9" Red and Black Floor Tile
*** Total ***			30					

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#09	Kitchen	80 5	3	H	N			9"x 9" Fawn with Black Floor Tile
***	Total	***	80						

Lake View Elementary School
133 Coburn Street
Worcester

Yomo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#10	Kitchen	80	5	3	H	N		9"x 9" Greyish Blue w/Black Fl Tile
MIS	HA#10	Library	1000	5	2-4	H	N		9"x 9" Greyish Blue w/Black Fl Tile
MIS	HA#10	Rm 9	1000	5	2-4	H	N		9"x 9" Greyish Blue w/Black Fl Tile
*** Total ***			2080						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area *	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#11	Teachers BR 2	30 5	34	H	N			9"x 9" Green Streaked Floor Tile
***	Total	***	30						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area #	Homo Area	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HR#12	Rm 5	875	5	2-4	H	N		1'x 1' Cream with Brown Floor Tile
*** Total ***			875						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#13	Rm 1	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 2	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 5	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 6	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 8	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 9	280 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 10	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 11	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 12	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 13	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 14	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 15	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Rm 16	250 5	2-4	H	N			Fiber Paper
MIS	HA#13	Library	260 5	2-4	H	N			Fiber Paper
MIS	HA#13	Hall 1	800 5	2-4	H	N			Fiber Paper
MIS	HA#13	Hall 2	800 5	2-4	H	N			Fiber Paper
MIS	HA#13	Hall 3	108 5	2-4	H	N			Fiber Paper
MIS	HA#13	Hall 5	240 5	2-4	H	N			Fiber Paper
MIS	HA#13	Hall 6	240 5	2-4	H	N			Fiber Paper
MIS	HA#13	Principal Off	360 5	2-4	H	N			Fiber Paper
MIS	HA#13	Clerk Storage 1	128 5	2-4	H	N			Fiber Paper
MIS	HA#13	Clerk Storage 2	128 5	2-4	H	N			Fiber Paper
MIS	HA#13	Clerk Office	112 5	2-4	H	N			Fiber Paper
MIS	HA#13	Teachers Rm	360 5	2-4	H	N			Fiber Paper
MIS	HA#13	Auditorium	1200 5	2-4	H	N			Fiber Paper
** Total ***			8016						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Assess Square Feet	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#14	Rm 1	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 2	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 3	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 4	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 5	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 6	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 8	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 9	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 10	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 11	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 12	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 13	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 14	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 15	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Rm 16	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Library	6 7	3	H	N		Black Window Ledges - 4 Windows
MIS	HA#14	Girls BR	3 7	3	H	N		Black Window Ledges - 2 Windows
MIS	HA#14	Boys BR	3 7	3	H	N		Black Window Ledges - 2 Windows
MIS	HA#14	Nurse's Rm	3 7	3	H	N		Black Window Ledges - 2 Windows
MIS	HA#14	Hall 1	6 7	3	H	N		Black Window Ledges - 1 Window
MIS	HA#14	Hall 2	6 7	3	H	N		Black Window Ledges - 1 Window
MIS	HA#14	Teachers Rm	12 7	3	H	N		Black Window Ledges - 2 Windows
MIS	HA#14	Principal Off	6 7	3	H	N		Black Window Ledges - 1 Window
MIS	HA#14	Teachers BR 1	2 7	3	H	N		Black Window Ledges - 1 Window
MIS	HA#14	Teachers BR 2	2 7	3	H	N		Black Window Ledges - 1 Window

** Total ***

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#15	Fan Room	47	1-3	L	5	Phys	Cloth Flex Connector #1
***	Total	***	4					

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area #	Homo Area	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA#15	Boys BR	17	1-3	H	N			Black Canvas Flex Connector #2
MIS	HA#16	Boys BR	17	1-3	H	N			Black Canvas Flex Connector #2
*** Total ***			2						

Lake View Elementary School
133 Coburn Street
Worcester

Room	Area	Functional Area	Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HA*17	Girls	BR	17	1-3	H		N		Black Rubberized Flex Connector #3
MIS	HA*17	Girls	BR	17	1-3	H		N		Black Rubberized Flex Connector #3
*** Total ***				2						

Lake View Elementary School
133 Coburn Street
Worcester

Yomo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
MIS	HR#18	Boiler Rm Stair	16 5		3	M	N		Plaster Patch
*** Total ***			16						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area #	Functional Space	Total Square Feet	Assess	Risk	Activity	Damage %	Type of Damage	Description
TSI	HA#19	Attic	3040	1	1-4	L	N		Thermal System Insulation
TSI	HA#19	Boiler Rm	289	1	1-4	L	<5	Phys	Insulation on Boiler 1
TSI	HA#19	Boiler Rm	289	1	1-4	L	<5	Phys	Insulation on Boiler 2
*** Total ***			3618						

Lake View Elementary School
133 Coburn Street
Worcester

Homo Area	Homo Area *	Functional Space	Total Dia Linear Feet	Dia Inch	Assess	Risk	Activity	Damage %	Type of Damage	Description
TSI	HA#19	Copier Rm	15	8	1	3	H	<5	Phys	Pipe Insulation
TSI	HA#19	Boiler Rm	140	4	1	1-4	M	10	Phys	Pipe Insulation
TSI	HA#19	Boiler Rm	25	3	1	1-4	M	5	Phys	Pipe Insulation
TSI	HA#19	Boiler Rm	20	8	1	1-4	M	5	Phys	Pipe Insulation
TSI	HA#19	Fan Rm	20	3	1	1-4	L	20	Phys	Pipe Insulation
TSI	HA#19	Fan Rm	25	4	1	1-4	L	20	Phys	Pipe Insulation
TSI	HA#19	Coal Storage	2	3	1	1-4	L	N		Pipe Insulation
TSI	HA#19	Boiler Rm	22	18	1	1-4	L	N		Insulation on Breeching
TSI	HA#19	Boiler Rm	52	10	1	1-4	L	N		Pipe Insulation

*** Total ***

321

REPORT OF ANALYSIS

Facility: Lakeview Elementary School, Worcester

Spl Nm.	Date Taken	Item Sampled	Location of Sample (Floor-Build.-Room, Location)	Homog. Area	Insp. %	Type Asbestos	Date of Anlys
1	08/21/89	Cementitious Plaster Mat'l	-	-	-	-	-
2	08/21/89	Wall Plaster (Horsehair)	-	-	-	-	-
3	08/21/89	Plaster Board	-	-	-	-	-
4	08/21/89	Fiber Paper	-	-	-	-	-
5	08/21/89	9"x9" Greyish Blue Fl. Tile	-	-	-	-	-
6	08/21/89	Plaster Ceiling	-	-	-	-	-
7	08/21/89	Black Window Sill	-	-	-	-	-
8	08/21/89	1"x1" Cream W/Brown Fl. Tile	-	-	-	-	-
9	08/21/89	Rough Wall Plaster	-	-	-	-	-
10	08/21/89	White W/Red & Black 9X9 FT	-	-	-	-	-
11	08/21/89	Green Streaked 9X9 Fl. Tile	-	-	-	-	-
12	08/21/89	Black 9X9 Floor Tile	-	-	-	-	-
13	08/21/89	8" TSI Insulation	-	-	-	-	-
14	08/21/89	Duct Insulation Aircell	-	-	-	-	-
15	08/21/89	Duct Insulation Aircell	-	-	-	-	-
16	08/21/89	Duct Insulation Aircell	-	-	-	-	-
17	08/21/89	Patching Insulation	-	-	-	-	-
18	08/21/89	Wall Plaster	-	-	-	-	-
19	08/21/89	Boiler Insulation	-	-	-	-	-
20	08/21/89	Boiler Insulation	-	-	-	-	-
21	08/21/89	Boiler Insulation	-	-	-	-	-
22	08/21/89	Flex Connector Insulation	-	-	-	-	-
23	08/21/89	18" TSI Insulation	-	-	-	-	-
24	08/21/89	Ceiling Plaster	-	-	-	-	-
25	08/21/89	4" TSI Insulation	-	-	-	-	-
26	08/21/89	3" TSI Insulation	-	-	-	-	-
27	08/21/89	10" TSI Insulation	-	-	-	-	-
28	08/21/89	10" TSI Insulation	-	-	-	-	-
			Rm. 3, In Closets				
			In Auditorium, Outside Rm. 16				
			From Auditorium, Computer Rm. Wall				
			From Right Wall In Rm. 12				
			From Rm. 9, Near Side Exit				
			From Front Left Corner Of Rm. 9				
			From Rm. 13				
			Front Left Corner Of Rm. 5				
			Front Left Corner Of Rm. 5				
			Teacher's Bathroom 1, Doorway				
			Teacher's Bathroom 2, Doorway				
			Teacher's Kitchen Doorway				
			Copier Rm., Edge Of Floor				
			From Attic				
			From Attic				
			From Attic				
			From Boiler Rm. Stairwell				
			Boiler Rm. Stairwell				
			Front Left Corner, Boiler #1				
			Back Bottom Of Boiler #2				
			Top Right Side, Boiler #1				
			Fan Room				
			Off Boiler #2				
			In Front Of Boiler #1				
			Above Domestic Water Heater, Boiler Rm.				
			Boiler Rm., Left Corner Behind Boiler #1				
			Boiler Rm., Above Large Duct Work, Near Boiler #2				
			27A, Boiler Rm., Above Large Duct Work Near Boiler #2				

Note:
None: Asbestos was not found in levels above the limit of detection for this method (approximately .1-.5% by weight)

REPORT OF ANALYSIS

Facility: Lakeview St. Elementary, Worcester, MA

Spl Date Nm. Taken	Item Sampled	Location of Sample (Floor-Build.-Room, Location)	Homog. Area	Insp. % Type Asbestos	Date of Analysis	Anlys
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29 09/14/89	Round Flex Connector, Cloth	- - 28, Boy's Bathroom	JL	Not Detected	09/21/89	CS
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Note:
None: Asbestos was not found in levels above the limit of
detection for this method (approximately .1-.5% by weight)

The following abbreviations were used for the Inspectors and Analysts:

LB Lisa Bouchard	RC Robert Churchill	JL Jennifer Leadley
MT Mark Thomas	DD Dennis Dietrich	DB Dan Buckson
AS Adrian Stanca	CS Constantine Stanca	GF George Field
TS Tom Salvatelli	PV Paul Vinclette	RD Rodica Stanca
HE Helen Eicher	GH Greg Hanes	CD Cathy Donohue
JM JoAnn Martin	MB Michael Berberian	MM Mary M. Biagiotti
GP Garry Pharris	LC Lundin Coward	GF George Field
DM Daniel Mortell		

SPECIFIC EMERGENCY PROCEDURES

Specific Emergency Procedures

Specific emergency procedures for Lakeview Elementary School are not necessary. Activities involving asbestos should adhere to procedures outlined in this management plan.

Cost Estimates for Removal and Repair

Necessary Removals

Removal Cost

Boiler Room = 16SF (patch of plaster)	\$400.00
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Repair

Repair Cost

Removal Cost

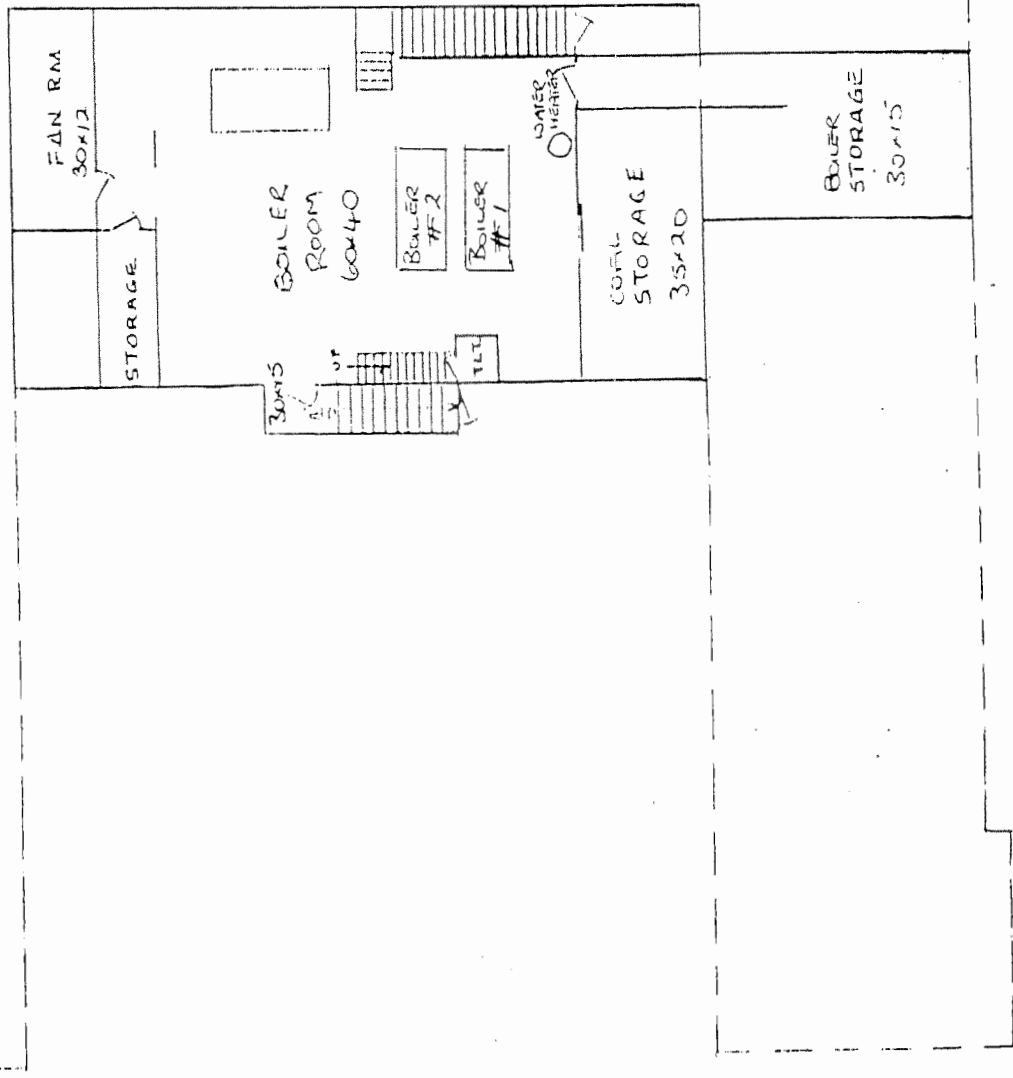
Boiler Room	= 1LF of 3in.	\$8.00	\$20.00
	= 14LF of 4in.	\$112.00	\$280.00
	= 1LF of 8in.	\$8.00	\$25.00
	= 25SF of boiler insulation	\$200.00	\$625.00
Copier Room	= 1LF of 8in.	\$8.00	\$25.00
Fan Room 1	= 4LF of 3in.	\$32.00	\$80.00
	= 5LF of 4in.	\$40.00	\$100.00
	= debris	\$8.00	\$8.00

Optional Removals

Removal Cost

9in.x 9in.Floor Tile = 2,140SF	\$6,420.00
1ft x 1ft Floor Tile = 875SF	\$2,625.00

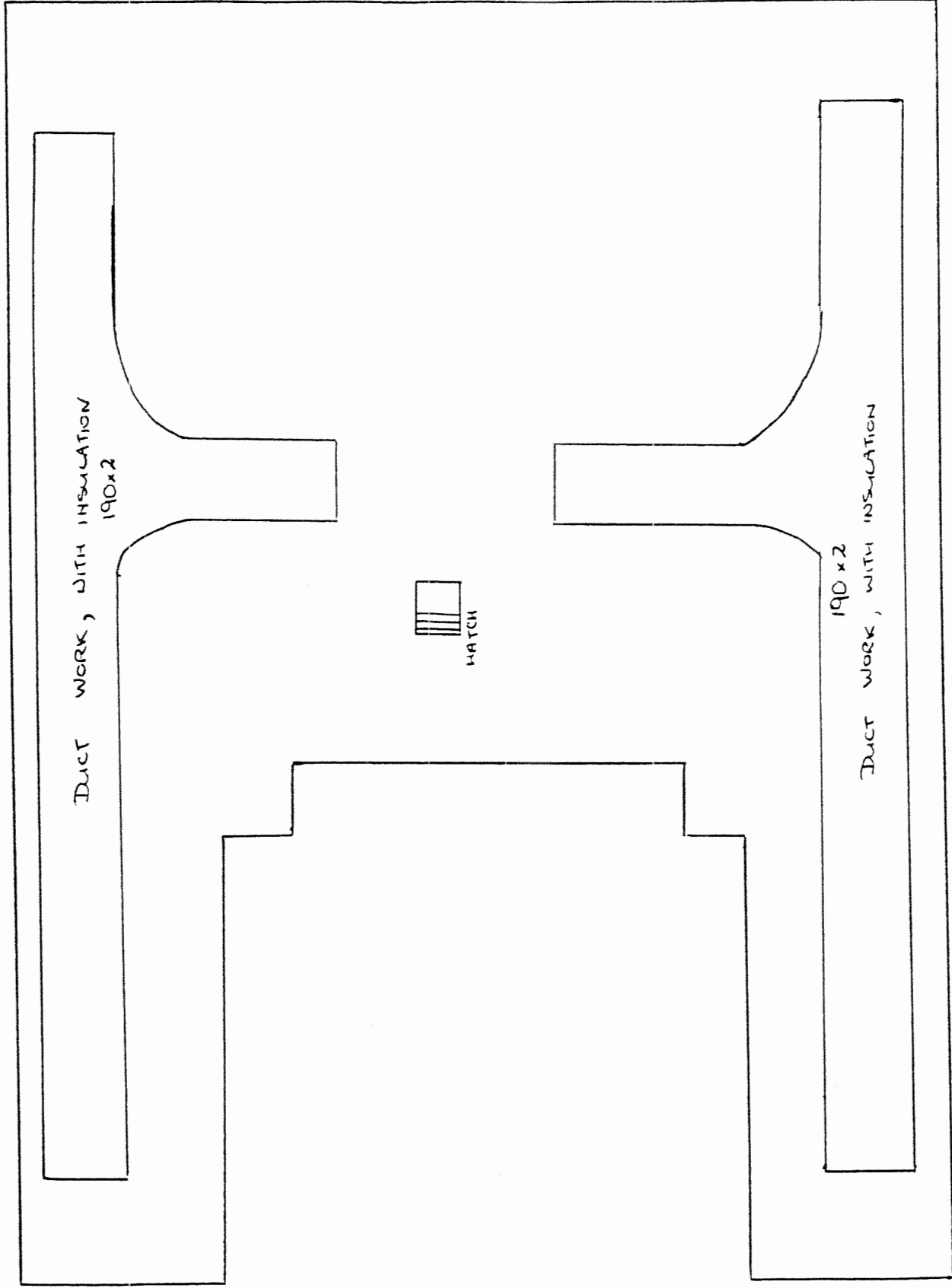
DESIGN -
REV



AGATE
21

WORCESTER PUBLIC SCHOOLS			
LAKE VIEW			
BASEMENT PLAN			
SCALE	DATE	BY	DWG. NO.

LAKE VIEW RD.



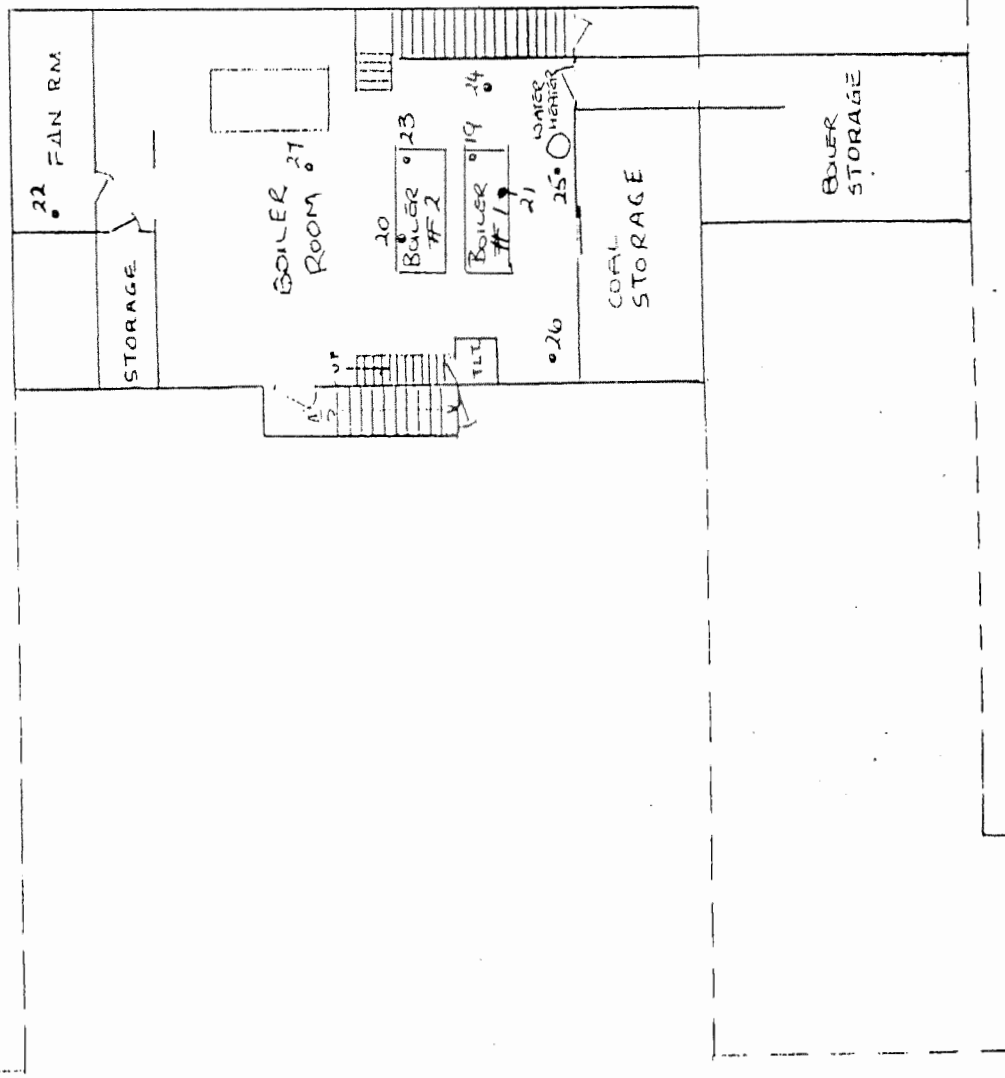
LAKEVIEW RD

WORCESTER PUBLIC SCHOOLS

LAKEVIEW

ATTIC PLAN

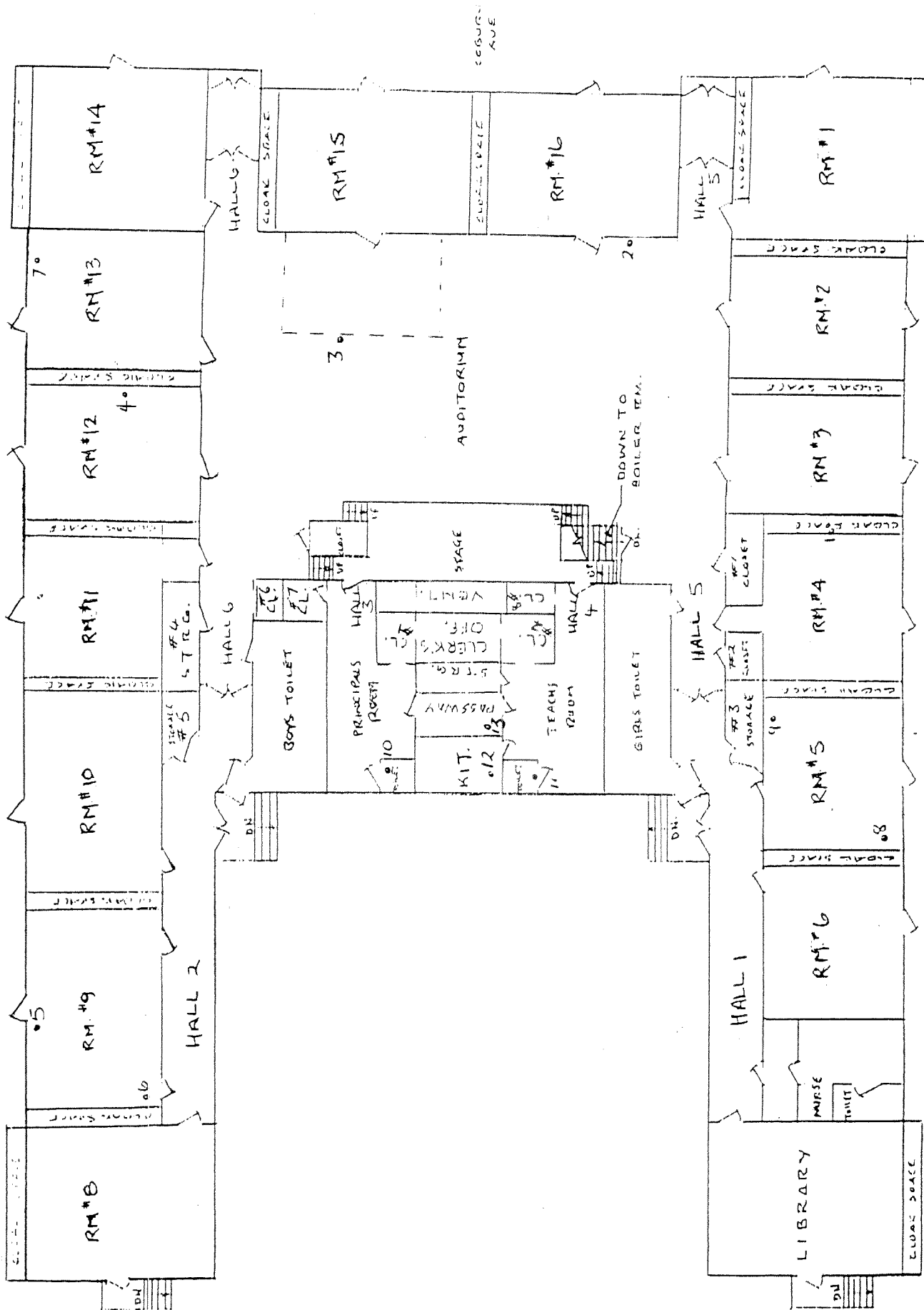
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WORCESTER PUBLIC SCHOOLS
LAKE VIEW
BASEMENT PLAN
SCALE | DATE | BY | DWG. NO.

LAKE VIEW RD.



WORCESTER PUBLIC SCHOOLS

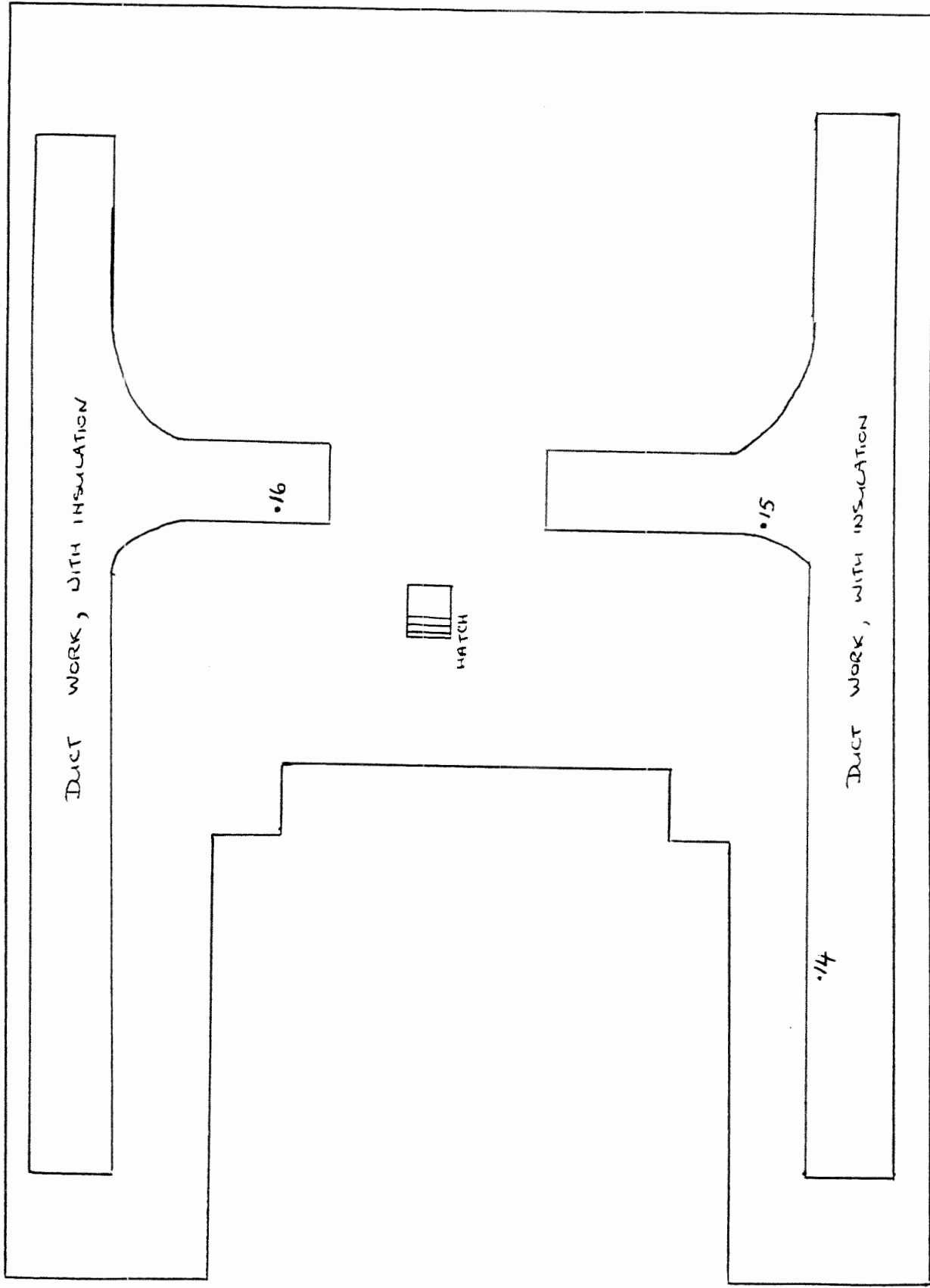
LAKE VIEW

FIRST FLOOR PLAN

SCALE DATE BY

LAKE VIEW ROAD

DWG. NO.



WORCESTER PUBLIC SCHOOLS
LAKEVIEW
ATTIC PLAN

LAKEVIEW RD

SECTION 8
3-YEAR RE INSPECTION REPORT

Worcester Public Schools Asbestos Materials Report

Lake View School

3-Year Reinspection and 6 Month Periodic Surveillance Report - Winter 2022

Location: Assistant Principal's Office	Description: Pipe Insulation	Amount	10 LF	Results: 30-40% Chrysotil	Friable: Yes
EPA Category: Thermal System Insulation	Assessment Category Damaged or Significantly Damaged Thermal System Insulation	Condition	2 small nicks (rear)		
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2023 Special Cleaning No
Location: Attic	Description: ACM Debris	Amount	2,000 SF	Results: Assumed	Friable: Yes
EPA Category: Thermal System Insulation	Assessment Category Potential for Damage	Condition	Limited Access. No damage observed.		
Recommended Response Action	Restrict Access. Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025 Special Cleaning No
Location: Attic	Description: Duct Insulation	Amount	2,300 SF	Results: 40% Chrysotile	Friable: Yes
EPA Category: Thermal System Insulation	Assessment Category Potential for Damage	Condition	Limited Access. No damage observed.		
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025 Special Cleaning No
Location: Auditorium	Description: 4" Black Cove Base	Amount	74 LF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025 Special Cleaning No
Location: Auditorium	Description: 4" Black Cove Base Adhesive	Amount	74 LF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025 Special Cleaning No
Location: Auditorium	Description: Textured Wall	Amount	424 SF	Results: Assumed	Friable: Yes
EPA Category: Miscellaneous Material	Assessment Category Damaged Friable Surfacing Material	Condition	Minor gouges (1 SF)		
Recommended Response Action	Repair area with gouges. Recommend sampling. Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2023 Special Cleaning Yes
Location: Boiler Room	Description: Plaster Patch	Amount	26 SF	Results: Assumed	Friable: Yes
EPA Category: Surfacing Matertial	Assessment Category Damaged Friable Surfacing Material	Condition	Moderate Damage		
Recommended Response Action	Repair using patching compound by trained personnel. Recommend sampling.	Schedule	Start	12/2022	End 12/2023 Special Cleaning Yes

Location:	Boy's Room	Description:	Flex Connector	Amount	2 Each	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 10	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 11	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 12	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 14	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 14	Description:	2' x 4' Ceiling Tile	Amount	630 SF	Results:	Assumed	Friable:	Yes
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 15	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 16	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Classroom 2	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	

Location: Classroom 3	Description: Blackboard Adhesive	Amount	200 SF	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Family Center	Description: 4" Black Cove Base	Amount	74 LF	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Family Center	Description: 4" Black Cove Base Adhesive	Amount	74 LF	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Fan Room	Description: Flex Connector	Amount	1 Each	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Damaged or Significantly Damaged Friable Miscellaneous ACBM	Condition	2" rear on bottom				
Recommended Response Action	Remove\Replace. Recommend sampling prior to disturbance	Schedule	Start	12/2022	End 12/2023	Special Cleaning	Yes
Location: Girl's Room	Description: Flex Connector	Amount	2 Each	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Kitchen	Description: Textured Wall	Amount	19 LF	Results: Assumed	Friable: Yes		
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact. Limited visibility due to stored item (very minopr nicks in wall)				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Library/Classroom (Room 7)	Description: 9" x 9" Beige Floor Tile	Amount	726 SF	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Damaged Non-Friable Material	Condition	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)				
Recommended Response Action	Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No
Location: Library/Classroom (Room 7)	Description: 9" x 9" Beige Floor Tile Mastic	Amount	726 SF	Results: Assumed	Friable: No		
EPA Category: Miscellaneous Material	Assessment Category Damaged Non-Friable Material	Condition	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)				
Recommended Response Action	Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning	No

Location:	Principal's Bathroom	Description:	12" x 12" White Floor Tile	Amount	24 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Principal's Bathroom	Description:	12" x 12" White Floor Tile Mastic	Amount	24 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 1	Description:	Blackboard Adhesive	Amount	220 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 4	Description:	Blackboard Adhesive	Amount	220 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 5	Description:	Blackboard Adhesive	Amount	200 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 5	Description:	12" x 12" Tan w/Black Streaks Floor Tile	Amount	630 SF	Results:	3-5% Chrysotile	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Damaged Non-Friable Material	Condition	6 chipped tiles (2 sig. damaged)				
Recommended Response Action	Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 5	Description:	12" x 12" Tan w/Black Streaks Floor Tile Mastic	Amount	630 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Damaged Non-Friable Material	Condition	6 chipped tiles (2 sig. damaged)				
Recommended Response Action	Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 5	Description:	12" x 12" Purple Floor Tile	Amount	25 SF	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	
Location:	Room 5	Description:	12" x 12" Purple Floor Tile Mastic	Amount	0	Results:	Assumed	Friable:	No
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Damage	Condition	Intact				
Recommended Response Action	Maintain according to O&M Plan	Schedule	Start	12/2022	End	12/2025	Special Cleaning	No	

Location: Room 6	Description: Blackboard Adhesive	Amount	200 SF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 8	Description: Blackboard Adhesive	Amount	220 SF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 8	Description: 9" x 9" Gray w/Black Floor Tile	Amount	726 SF	Results: 20% Chrysotile	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Damaged Non-Friable Material	Condition	12 cracked, 2 nicked in center		
Recommended Response Action Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 8	Description: 9" x 9" Gray w/Black Floor Tile Mastic	Amount	726 SF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 9	Description: Blackboard Adhesive	Amount	236 SF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 9	Description: 9" x 9" Gray w/Black Floor Tile	Amount	946 SF	Results: 20% Chrysotile	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Damaged Non-Friable Material	Condition	3 nicked tiles throughout		
Recommended Response Action Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Room 9	Description: 9" x 9" Gray w/Black Floor Tile Mastic	Amount	946 SF	Results: Assumed	Friable: No
EPA Category: Miscellaneous Material	Assessment Category Damaged Non-Friable Material	Condition	Minor damage		
Recommended Response Action Apply wax. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning No
Location: Stage	Description: Textured Wall	Amount	40 SF	Results: Assumed	Friable: Yes
EPA Category: Miscellaneous Material	Assessment Category Damaged Friable Surfacing Material	Condition	4 small punctures		
Recommended Response Action Repair using patching compound by trained personnel. Recommend sampling. Maintain according to O&M Plan.	Schedule	Start	12/2022	End 12/2025	Special Cleaning Yes
Location: Stairs	Description: Plaster Patch	Amount	7 SF	Results: Assumed	Friable: Yes
EPA Category: Surfacing Matertial	Assessment Category Potential for Damage	Condition	Intact		
Recommended Response Action Maintain according to O&M Plan	Schedule	Start	12/2022	End 12/2025	Special Cleaning No

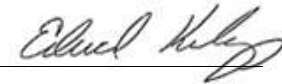
Location:	Vestibule #1	Description:	Textured Wall	Amount	50 SF	Results:	Assumed	Friable:	Yes	
EPA Category:	Miscellaneous Material	Assessment Category	Significantly Damaged Friable Surfacing Material	Condition	1 Sqft Damage by Room 14					
Recommended Response Action	Maintain according to O&M Plan			Schedule	Start	12/2022	End	12/2023	Special Cleaning	No
Location:	Vestibule #2	Description:	Textured Wall	Amount	50 SF	Results:	Assumed	Friable:	Yes	
EPA Category:	Miscellaneous Material	Assessment Category	Potential for Significant Damage	Condition	Intact					
Recommended Response Action	Maintain acording to O&M Plan.			Schedule	Start	12/2022	End	12/2025	Special Cleaning	No
Cost Estimate:	Removal:	N/A	Repair:	\$6,500.00	Encapsulation:	N/A	Enclosure:	N/A	O + M:	\$2,500.00

Inspected by: Justin Levesque



MA Asbestos Inspector # AI000333 Exp. Date 09/28/2023

Management Planner: Edward Kolodziej



MA Asbestos Management Planner # AP073070 Exp. Date 08/29/2023

APPENDIX 9
PERIODIC SURVEILLANCE REPORT

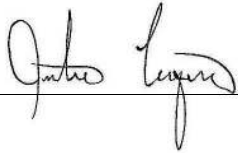
Lake View School - Periodic Survey Report - Spring 2023

Location	Material Description	Amount	Condition
<u>Vestibule #1</u>			
	Textured Wall	50 SF	1 Sqft Damage by Room 14
<u>Room 1</u>			
	Blackboard Adhesive	220 SF	Intact
<u>Classroom 2</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 3</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Room 4</u>			
	Blackboard Adhesive	220 SF	Intact
<u>Room 5</u>			
	12" x 12" Purple Floor Tile	25 SF	Intact
	12" x 12" Purple Floor Tile Mastic	25 SF	Intact
	12" x 12" Tan w/Black Streaks Floor Tile	630 SF	6 chipped tiles (2 sig. damaged)
	12" x 12" Tan w/Black Streaks Floor Tile Mastic	630 SF	6 chipped tiles (2 sig. damaged)
	Blackboard Adhesive	200 SF	Intact
<u>Room 6</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Library/Classroom (Room 7)</u>			
	9" x 9" Gray w/Black Floor Tile	726 SF	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)
	9" x 9" Gray w/Black Floor Tile Mastic	726 SF	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)
<u>Classroom 16</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 15</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Family Center</u>			
	4" Black Cove Base	74 LF	Intact
	4" Black Cove Base Adhesive	74 LF	Intact
<u>Vestibule #2</u>			
	Textured Wall	50 SF	Intact

Location	Material Description	Amount	Condition
<u>Classroom 14</u>			
	2' x 4' Ceiling Tile	630 SF	Intact
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 12</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 11</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 10</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Room 9</u>			
	9" x 9" Gray w/Black Floor Tile	946 SF	3 nicked tiles throughout
	9" x 9" Gray w/Black Floor Tile Mastic	946 SF	Minor damage
	Blackboard Adhesive	236 SF	Intact
<u>Room 8</u>			
	9" x 9" Gray w/Black Floor Tile	726 SF	12 cracked, 2 nicked in center
	9" x 9" Gray w/Black Floor Tile Mastic	726 SF	Intact
	Blackboard Adhesive	220 SF	Intact
<u>Boy's Room</u>			
	Flex Connector	2 Each	Intact
<u>Auditorium</u>			
	4" Black Cove Base	74 LF	Intact
	4" Black Cove Base Adhesive	74 LF	Intact
	Textured Wall	424 SF	Minor gouges (1 SF)
<u>Stage</u>			
	Textured Wall	40 SF	4 small punctures
<u>Stairs</u>			
	Plaster Patch	7 SF	Intact
<u>Girl's Room</u>			
	Flex Connector	2 Each	Intact
<u>Assistant Principal's Office</u>			
	Pipe Insulation	10 LF	2 small nicks (rear)
<u>Principal's Bathroom</u>			
	12" x 12" White Floor Tile	24 SF	Intact
	12" x 12" White Floor Tile Mastic	24 SF	Intact

Location	Material Description	Amount	Condition
<u>Kitchen</u>			
	Textured Wall	19 LF	Intact. Limited visibility due to stored item (very minopr nicks in wall)
<u>Attic</u>			
	ACM Debris	2000 SF	Limited Access. No damage observed.
	Duct Insulation	2300 SF	Limited Access. No damage observed.
<u>Boiler Room</u>			
	Plaster Patch	26 SF	Moderate Damage
<u>Fan Room</u>			
	Flex Connector	1 Each	2" rear on bottom

Inspector: Justin Levesque



Date: 6/14/2023

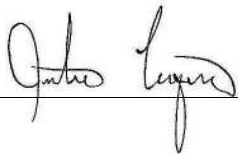
Lake View School - Periodic Survey Table - Spring 2022

Location	Material Description	Amount	Condition
<u>Assistant Principal's Office</u>			
	Pipe Insulation	10 LF	2 small nicks (rear)
<u>Attic</u>			
	ACM Debris	2000 SF	Limited Access. No damage observed.
	Duct Insulation	2300 SF	Limited Access. No damage observed.
<u>Auditorium</u>			
	4" Black Cove Base	74 LF	Intact
	4" Black Cove Base Adhesive	74 LF	Intact
	Textured Wall	424 SF	Minor gouges (1 SF)
<u>Boiler Room</u>			
	Plaster Patch	26 SF	Moderate Damage
<u>Boy's Room</u>			
	Flex Connector	2 Each	Intact
<u>Classroom 10</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 11</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 12</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 14</u>			
	2' x 4' Ceiling Tile	630 SF	Intact
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 15</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 16</u>			
	Blackboard Adhesive	200 SF	Intact

Location	Material Description	Amount	Condition
<u>Classroom 2</u>			
	Blackboard Adhesive	200 SF	Intact
	Blackboard Adhesive	200 SF	Intact
<u>Classroom 3</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Family Center</u>			
	4" Black Cove Base	74 LF	Intact
	4" Black Cove Base Adhesive	74 LF	Intact
<u>Fan Room</u>			
	Flex Connector	1 Each	2" rear on bottom
<u>Girl's Room</u>			
	Flex Connector	2 Each	Intact
<u>Kitchen</u>			
	Textured Wall	19 LF	Intact. Limited visibility due to stored item (very minopr nicks in wall)
<u>Library/Classroom (Room 7)</u>			
	9" x 9" Beige Floor Tile	726 SF	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)
	9" x 9" Beige Floor Tile Mastic	726 SF	12 cracking tiles & 1 tile half missing in rear, chipped (rugs)
<u>Principal's Bathroom</u>			
	12" x 12" White Floor Tile	24 SF	Intact
	12" x 12" White Floor Tile Mastic	24 SF	Intact
<u>Room 1</u>			
	Blackboard Adhesive	220 SF	Intact
<u>Room 4</u>			
	Blackboard Adhesive	220 SF	Intact
<u>Room 5</u>			
	12" x 12" Tan w/Black Streaks Floor Tile	630 SF	6 chipped tiles (2 sig. damaged)
	12" x 12" Tan w/Black Streaks Floor Tile Mastic	630 SF	6 chipped tiles (2 sig. damaged)
	Blackboard Adhesive	200 SF	Intact

Location	Material Description	Amount	Condition
<u>Room 6</u>			
	Blackboard Adhesive	200 SF	Intact
<u>Room 8</u>			
	9" x 9" Gray w/Black Floor Tile	726 SF	12 cracked, 2 nicked in center
	9" x 9" Gray w/Black Floor Tile Mastic	726 SF	Intact
	Blackboard Adhesive	220 SF	Intact
<u>Room 9</u>			
	9" x 9" Gray w/Black Floor Tile	946 SF	3 nicked tiles throughout
	Blackboard Adhesive	236 SF	Intact
	9" x 9" Gray w/Black Floor Tile Mastic	946 SF	Minor damage
<u>Stage</u>			
	Textured Wall	40 SF	4 small punctures
<u>Stairs</u>			
	Plaster Patch	7 SF	Intact
<u>Vestibule #1</u>			
	Textured Wall	50 SF	1 Sqft Damage by Room 14
<u>Vestibule #2</u>			
	Textured Wall	50 SF	Intact

Inspector: Justin Levesque



Date: 06/2/2022

APPENDIX 10
BULK SAMPLE REPORT FORMS

031724721



ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

Asbestos Bulk Sample Chain-of-Custody

73 William Franks Drive
West Springfield, MA, 01089
Tel: 413-781-0070
Fax: 413-781-3734

Project Name: WPS Lake View Project Address: 133 Coburn Ave, Worcester, MA
Project Number: _____ Project Manager: Ed Kolodziej
Sampled By: Steve Ganzel Date: 8/14/17 Results To: Edward.Kolodziej@atcassociates.com
Analysis Type: PLM Turnaround Time: 5 day Positive Stop: No
Special Instructions or Comments: Questions about Samples - email Steve.ganzel@atcassociates.com

Field ID	Sample Description	Location	Homogeneous Material
1a	Plaster	Walls	17 AUG -8 AM 10:36 RECEIVED
b	White/skim-textured	#14 vestibule	
c		Stage Stairs	
d		Auditorium	
e		#1 vestibule	
2a	Brown/Beige	Auditorium	
b		#14 vestibule	
c		Stage Stairs	
d		Auditorium	
e		#1 vestibule	
3a	HVAC Flat Gasket	Auditorium	
b		Boiler Room ~20 LF	
4a		Boys bath upper	
b		" " Lower	
5a		Girls Bath upper	
b		Girls Bath Lower	
6a	2x2 Ceiling Tile - Fissures + holes	Class room 6 Hallway	
6b	" "	" "	
Relinquished By: <u>Steve Ganzel</u>	Date: <u>8/17/17</u>	Received By: <u>[Signature]</u>	Date: <u>8/17/17 10:36 AM</u>
Relinquished By: _____	Date: _____	Received By: <u>[Signature]</u>	Date: _____



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

Tel/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com> / manhattanlab@emsl.com

EMSL Order: 032001443

Customer ID: ATC62

Customer PO: 11-81-0030

Project ID:

Attention: Brian Williams
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone:
Fax: (413) 781-3734
Received Date: 01/22/2020 10:33 AM
Analysis Date: 01/24/2020 - 01/25/2020
Collected Date: 01/21/2020

Project: 183WPS2004/ LAKE VIEW SCHOOL/ 133 COBURN AVE, WORCESTER

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LVS-1A 032001443-0001	ROOM 5 - BEIGE W/ BROWN STREAK 12X12 VFT	Beige Non-Fibrous Homogeneous		95.0% Non-fibrous (Other)	5% Chrysotile
LVS-1B 032001443-0002	ROOM 5 - BEIGE W/ BROWN STREAK 12X12 VFT				Positive Stop (Not Analyzed)
LVS-2A 032001443-0003	ROOM 5 - BEIGE W/ BROWN STREAK 12X12 VFT BLACK MASTIC	Black Non-Fibrous Homogeneous	5% Cellulose	95.0% Non-fibrous (Other)	None Detected
Possible cross contamination from adjacent material.					
LVS-2B 032001443-0004	ROOM 5 - BEIGE W/ BROWN STREAK 12X12 VFT BLACK MASTIC	Black Non-Fibrous Homogeneous	4% Cellulose	96.0% Non-fibrous (Other)	None Detected

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 01/25/2020 03:48:36



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EMSL Order: 032001443

Customer ID: ATC62

Customer PO: 11-81-0030

Project ID:

Attention: Brian Williams
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone:

Fax: (413) 781-3734

Received Date: 01/22/2020 10:33 AM

Analysis Date: 01/24/2020 - 01/25/2020

Collected Date: 01/21/2020

Project: 183WPS2004/ LAKE VIEW SCHOOL/ 133 COBURN AVE, WORCESTER

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date: 01/22/2020

Sample Receipt Time: 10:33 AM

Analysis Completed Date: 01/25/2020

Analysis Completed Time: 1:31 AM

Analyst(s):

Ghaly Hemaya PLM (1)

Kleyvin Vaquero PLM (2)

Samples Reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 01/25/2020 03:48:36

032001443

Fax: 413-781-3734

Tel: 413-781-0070

Fax: 413-781-3734

Project Address: 133 Ceburn Ave Worcester

Project Manager: Brian Williams

Results To: Diana Williams

Turnaround Time: 48 hrs Date: 1/21/20

Date: 1/21/20

Positive Stop: Yes No

Special Instructions or Comments:

EMSL MANHATTAN LAB
RECEIVED
20 JAN 22 AM 10:38

Received By: Shaili

Date: 1/22/2020

Date: _____

Received By:

Date:

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 061814510
CustomerID: ATC62
CustomerPO: 183BW18111
ProjectID:

Attn: **Brian Williams**
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone: (413) 781-0070
Fax: (413) 781-3734
Received: 07/20/18 9:33 PM
Collected: 7/19/2018

Project: **Lake View School, 133 Coburn Ave., Worcester, 183BW18111**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
LVS-1	061814510-0001	7/19/2018	7/23/2018	14 % wt
Site: Paint Chips- Flagpole Desc: Homogenous Material 1				
LVS-2	061814510-0002	7/19/2018	7/23/2018	11 % wt
Site: Paint Chips- Flagpole Desc: Homogenous Material 2				

Michelle McGowan, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY Lab ID 102344 is accredited by the AIHA-LAP, LLC in the Environmental Lead accreditation program for Lead in Paint, CT PH-0249, NYS ELAP 11469

Initial report from 07/23/2018 13:38:20

Lead paint ^(Sn)

Ashterton Bulk Sample Chain-of-Custody

**73 William Franks Drive
West Springfield, MA, 01089
Tel: 413-781-0070
Fax: 413-781-3734**

ATC

**ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING**

Project Name: Lake View School

Project Number: 183Bw1811

Sampled By: J. Levesque

Analysis Type: Lead AAS (50)

Project Address: 133 Coburn Ave Worcester

Project Manager: B. Williams

Date: 7/19/18 Results To: B. Williams

Turnaround Time: 48 hours	Positive Stop:	Yes	No
---------------------------	----------------	-----	----

Special Instructions or Comments:

[illegible]

Relinquished By: [Signature] Date: 7/19/18
Received By: [Signature] Date: 7/19/18

Relinquished By: [Signature] Date: 1/20/18
Received By: [Signature] Date: 7/20/18

Pb-4 Long 072316



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<http://www.EMSL.com> / manhattanlab@emsl.com

EMSL Order: 031724721

Customer ID: ATC62

Customer PO: 11-81-0030

Project ID:

Attention: E. Kolodziej
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone: (413) 781-0070
Fax: (413) 781-3734
Received Date: 08/08/2017 10:36 AM
Analysis Date: 08/12/2017 - 08/13/2017
Collected Date: 08/04/2017

Project: WPS LAKE VIEW / 133 COBURN AVE / WORCESTER, MA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A 031724721-0001	WALLS #14 VESTIBULE - PLASTER WHITE / SKIM- TEXTURED	White Non-Fibrous Homogeneous		54% Ca Carbonate 46% Non-fibrous (Other)	None Detected
1B 031724721-0002	WALLS STAGE STAIRS - PLASTER WHITE / SKIM- TEXTURED	White Non-Fibrous Homogeneous		43% Ca Carbonate 57% Non-fibrous (Other)	None Detected
1C 031724721-0003	WALLS AUDITORIUM - PLASTER WHITE / SKIM- TEXTURED	White Non-Fibrous Homogeneous		54% Ca Carbonate 46% Non-fibrous (Other)	None Detected
1D 031724721-0004	WALLS #1 VESTIBULE - PLASTER WHITE / SKIM- TEXTURED	White Non-Fibrous Homogeneous		54% Ca Carbonate 46% Non-fibrous (Other)	None Detected
1E 031724721-0005	WALLS AUDITORIUM - PLASTER WHITE / SKIM- TEXTURED	White Non-Fibrous Homogeneous		57% Ca Carbonate 43% Non-fibrous (Other)	None Detected
Inseparable paint / coating layer included in analysis					
2A 031724721-0006	WALLS #14 VESTIBULE - PLASTER BROWN / BASE	Gray Non-Fibrous Homogeneous	6% Hair	54% Quartz 40% Non-fibrous (Other)	None Detected
2B 031724721-0007	WALLS STAGE STAIRS - PLASTER BROWN / BASE	Gray Non-Fibrous Homogeneous	2% Hair	54% Quartz 44% Non-fibrous (Other)	None Detected
2C 031724721-0008	WALLS AUDITORIUM - PLASTER BROWN / BASE	Gray Non-Fibrous Homogeneous	3% Hair	54% Quartz 43% Non-fibrous (Other)	None Detected
2D 031724721-0009	WALLS #1 VESTIBULE - PLASTER BROWN / BASE	Gray Non-Fibrous Homogeneous	2% Hair	48% Quartz 50% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 08/13/2017 04:08:28



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EMSL Order: 031724721

Customer ID: ATC62

Customer PO: 11-81-0030

Project ID:

Attention: E. Kolodziej
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone: (413) 781-0070
Fax: (413) 781-3734
Received Date: 08/08/2017 10:36 AM
Analysis Date: 08/12/2017 - 08/13/2017
Collected Date: 08/04/2017

Project: WPS LAKE VIEW / 133 COBURN AVE / WORCESTER, MA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2E 031724721-0010	WALLS AUDITORIUM - PLASTER BROWN / BASE	Gray Non-Fibrous Homogeneous	3% Hair	42% Quartz 55% Non-fibrous (Other)	None Detected
3A 031724721-0011	WALLS BOILER ROOM - 20 LF - HVAC FLAT GASKET	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
3B 031724721-0012	WALLS BOILER ROOM - 20 LF - HVAC FLAT GASKET	Brown/Gray Fibrous Homogeneous	92% Cellulose	8% Non-fibrous (Other)	None Detected
4A 031724721-0013	WALLS BOY BATH UPPER - HVAC FLAT GASKET	Black Fibrous Homogeneous	78% Cellulose	22% Non-fibrous (Other)	None Detected
4B 031724721-0014	WALLS BOY BATH LOWER - HVAC FLAT GASKET	Gray Fibrous Homogeneous	94% Cellulose	6% Non-fibrous (Other)	None Detected
5A 031724721-0015	WALLS GIRLS BATH UPPER - HVAC FLAT GASKET	Black Non-Fibrous Homogeneous	22% Glass	78% Non-fibrous (Other)	None Detected
5B 031724721-0016	WALLS GIRLS BATH LOWER - HVAC FLAT GASKET	Black Non-Fibrous Homogeneous	28% Glass	72% Non-fibrous (Other)	None Detected
6A 031724721-0017	WALLS CLASSROOM 6 HALLWAY - 2 X 2 CEILING TILE - FISSURES + HOLES	Tan Fibrous Homogeneous	45% Cellulose 35% MinWool	15% Perlite 5% Non-fibrous (Other)	None Detected
6B 031724721-0018	WALLS CLASSROOM 6 HALLWAY - 2 X 2 CEILING TILE - FISSURES + HOLES	Tan/White Fibrous Homogeneous	40% Cellulose 38% MinWool	22% Non-fibrous (Other)	None Detected

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Initial report from: 08/13/2017 04:08:28



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EMSL Order: 031724721

Customer ID: ATC62

Customer PO: 11-81-0030

Project ID:

Attention: E. Kolodziej
ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089

Phone: (413) 781-0070
Fax: (413) 781-3734
Received Date: 08/08/2017 10:36 AM
Analysis Date: 08/12/2017 - 08/13/2017
Collected Date: 08/04/2017

Project: WPS LAKE VIEW / 133 COBURN AVE / WORCESTER, MA

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date: 08/08/2017

Sample Receipt Time: 10:36 AM

Analysis Completed Date: 08/13/2017

Analysis Completed Time: 4:03 AM

Analyst(s):

Kamel Alawawda PLM (11)

Shahrakur Mahmud PLM (7)

Samples Reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

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Initial report from: 08/13/2017 04:08:28

APPENDIX 11
MANAGEMENT PLANNER CERTIFICATIONS



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Michael Flanagan
Director

Asbestos Management Planner

EDWARD T. KOLODZIEJ

Eff. Date 08/29/22

Exp. Date 08/29/23

AP073070

Member of C.O.N.E.S.

BOSR BOS

23



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Michael Flanagan
Director

Asbestos Project Monitor

EDWARD T. KOLODZIEJ

Eff. Date 08/29/22

Exp. Date 08/29/23

AM001903

Member of C.O.N.E.S.

BOSR BOS

23



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Michael Flanagan
Director

Asbestos Designer

EDWARD T. KOLODZIEJ

Eff. Date 08/29/22

Exp. Date 08/29/23

AD074321

Member of C.O.N.E.S.

BOSR BOS

23



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Michael Flanagan
Director

Asbestos Inspector

EDWARD T. KOLODZIEJ

Eff. Date 08/29/22

Exp. Date 08/29/23

AI073072

Member of C.O.N.E.S.

BOSR BOS

23





CERTIFICATE OF ACHIEVEMENT

This certifies that

Edward Kolodziej

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

conducted by:

ATC Group Services LLC dba ATLAS Technical
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070



Gregory J. Morsch

Principal Instructor: Gregory Morsch

January 11, 2023
Date of Course

January 11, 2024
Expiration Date

Gregory J. Morsch

Regional Training Director: Gregory Morsch

SIAR - 7330
Certificate Number

January 11, 2023
Examination Date



CERTIFICATE OF ACHIEVEMENT

This certifies that

Edward Kolodziej

has successfully completed the
8-Hour Asbestos Site Inspector/Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by:
ATC Group Services LLC dba ATLAS Technical
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070



Gregory J. Morsch

Principal Instructor: Gregory Morsch

January 11, 2023
Date of Course

January 11, 2024
Expiration Date

Gregory J. Morsch

Regional Training Director: Gregory Morsch

MPAR-3509
Certificate Number

January 11, 2023
Examination Date

APPENDIX 12
RESOURCE EVALUATION COST TABLE

EVALUATION OF RESOURCES

Estimated AHERA Management Plan Costs

Description	Cost Estimate
2-Hr Awareness Training	Video or DVD \$300-\$500 for In-house training (Does not include personnel attendance time and instructor's time)
	Contractor\Consultant \$800-\$1000 (Dependent on Class Size and Location) (Does not include personnel attendance time)
16-Hr Associated Project Worker	\$300 \ Person (Does not include travel and worker's salary)
Designated Person Training	\$200 - \$500 (Dependent on instruction & location)
Refresher Training	2-Hour performed in-house (calculate personnel & instructor's time) 16-hour - \$100\Person for class attendance (4 hours and does not include travel and worker's salary)
Equipment & Supplies	\$1,500 - \$4,500 (Dependent on brands and amount of specialized equipment and maintaining purchased equipment)
Asbestos Waste & Disposal (O&M Activity)	\$250 - \$500 (Dependent on amount of waste bags and site location)
3-Year Reinspection	(Dependent on amount of schools, size, identified ACBM and previous inspection data) Small School: \$750-\$1,500 Medium School: \$1,750 - \$3,000 Large School: \$3,000 - \$5,000
Asbestos Bulk Sampling	Cost incurred on as needed basis and is based on the inspector's collection & report time, number of samples and lab turnaround time
Asbestos Hazard Assessment	Cost incurred on as needed basis and is based on the nature and severity of the disturbance, inspector's investigation & report time, number of samples, type of samples and lab turnaround time

EVALUATION OF RESOURCES

Estimated Response Action Cost Table

Material Type	Unit	Removal	Replacement
Boiler, Breeching, Tank and Surface Coatings	Square Feet	\$12.00 - \$15.00	\$8.00-\$10.00
Thermal Magnesia Pipe Insulation	Linear Feet	\$12.00 - \$15.00	\$8.00-\$10.00
Aircell or Layered Pipe Insulation	Linear Feet	\$10.00 - \$12.00	\$6.00-\$8.00
Resin Coated Cork Pipe or Fiberglass Pipe Insulation	Linear Feet	\$10.00 - \$12.00	\$6.00-\$8.00
Cement Pipe Fitting Insulation on Non-Asbestos Insulated Pipes	Each	\$8.00 - \$10.00	\$12.00-\$14.00
Spray-Applied Fireproofing	Square Feet	\$12.00 - \$15.00	\$6.00-\$8.00
Acoustical Ceiling Application	Square Feet	\$12.00 - \$15.00	\$4.00-\$6.00
Sheetrock or Other Wallboard Types	Square Feet	\$5.00 - \$7.00	\$4.00-\$6.00
Ceiling or Wall Plaster	Square Feet	\$12.00 - \$15.00	\$7.00-\$10.00
Cloths (Curtains, HVAC Flex Connectors, etc.)	Square Feet	\$5.00 - \$7.00	
Floor Tile mastic or Glue Daubs	Square Feet	\$3.00 - \$5.00	
Resin on Cork or Fiberglass Blocks	Square Feet	\$8.00 - \$10.00	
Floor Tiles or Vinyl Floor Sheeting	Square Feet	\$2.00 - \$3.00	\$3.00 - \$5.00
Suspended or Spline Ceiling Tiles	Square Feet	\$3.00 - \$5.00	\$4.00 - \$6.00
Roofing Felts or Flashing	Square Feet	\$2.00 - \$3.00	\$4.00 - \$6.00
Disposal	Cubic Yard	\$70.00 - \$100.00	

Note:

1. Additional costs may be incurred due to project difficulty, specialized equipment and for Architect\Engineering Costs.
2. Cost estimate table utilized for large projects. Small projects can range from \$2,000 - \$3,500 in a school which would require a design, abatement and monitoring\air clearance testing.
3. Standard Engineering and Operational fees should be estimated at 15 to 25 percent (15%-25%) of the total removal and replacement estimated cost.

APPENDIX 13
WARNING SIGN

CAUTION

Asbestos-Containing Materials identified:

Lake View Elementary School	
12" x 12" Purple Floor Tile	12" x 12" Purple Floor Tile Mastic
12" x 12" Tan w/Black Streaks Floor Tile	12" x 12" Tan w/Black Streaks Floor Tile Mastic
12" x 12" White Floor Tile	12" x 12" White Floor Tile Mastic
2' x 4' Ceiling Tile	4" Black Cove Base
4" Black Cove Base Adhesive	4" White Cove Base
4" White Cove Base Adhesive	9" x 9" Beige Floor Tile
9" x 9" Beige Floor Tile Mastic	9" x 9" Black Floor Tile
9" x 9" Gray w/Black Floor Tile	9" x 9" Gray w/Black Floor Tile Mastic
9" x 9" Green Streaked Floor Tile	9" x 9" White w/Red & Black Floor Tile
ACM Debris	Blackboard Adhesive
Boiler Insulation	Duct Insulation
Flex Connector	Patching Insulation
Pipe Insulation	Plaster Patch
Tan Linoleum (12" x 12" pattern)	Tan Linoleum (12" x 12" pattern) Adhesive
Textured Wall	

**ASBESTOS
HAZARDOUS**

**DO NOT DISTURB
WITHOUT
PROPER TRAINING & EQUIPMENT**

**DANGER
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS**

*If Damaged Report Immediately to the
Designated Person*

APPENDIX 14
RESPONSE ACTION REPORTS

Response action documentation is currently maintained at the Facility Management Office located at 115 N.E. Cutoff, Worcester, MA.

The management plan is being updated to maintain recent response actions at the school.

WORCESTER PUBLIC SCHOOLS

Lake View School

Use this form to document removal, enclosure, and encapsulation or repair materials greater than 3 Square or Linear Feet of Asbestos Containing Building Materials (ACBM). Provide one- (1) form for every abatement action.

1. Provide or attach a detailed written description of abatement action.

Starting Date: _____ Completion Date: _____

2. Name of Abatement Contractor: _____

Address: _____

License #: _____

3. Name of Abatement Designer: _____

Address: _____

License#/Consulting #: _____

4. Air Monitoring Laboratory: _____

Address: _____

Accreditation#: _____

5. Name of Waste Disposal Site: _____

Address: _____

Date: _____

6. Attach Air Monitoring Report which provides the following information:

- a. Air Monitoring Final Clearance Report (TEM)
- b. Location of Samples and Date Collected
- c. General Description of Analyzing Method Used
- d. Name of Analyst and Signature
- e. Result of Analyses
- f. Laboratory Accreditation Statement (if applicable)