RFP 2026-GA-01
Appendix A

Project Design for Asbestos Abatement

75 North Dr.
Westborough MA. 01581

Prepared for

Mass Tech
75 North Drive
Attn: Kevin O'Brien
Westborough, MA 01581

Prepared by

John Bachand
License # AD030160
Northeast Environmental Labs
11 Cliff Ave. Suite B
Hampton, NH. 03842

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FIGURES

ACRONYMS AND ABBREVIATIONS

PACM	presumed asbestos-containing material
ACWM	asbestos-containing waste material
CFR	Code of Federal Regulations
CMR	Code of Massachusetts Regulations
HAZWOPER	Hazardous Waste Operation and Emergency Response
HEPA	high efficiency particulate air
NEEL	Northeast Environmental Labs
NESHAP	National Emission Standards for Hazardous Air Pollutants
NIOSH	National Institute of Occupational Safety and Health
MASSDEP	Massachusetts Department of Environmental Protection
MASSDLS	Massachusetts Department of Labor Services
OSHA	Occupational Safety and Health Administration
PCM	phase contrast microscopy
PPE	personal protective equipment
psi	pounds per square inch
TWA	Time Weighted Average
USEPA	U.S. Environmental Protection Agency

1.0 Project Scope

Northeast Environmental Labs is under an agreement with Mass Tech to develop a project design for the live-load removal, clean-up and disposal of approximately 2500 cubic yards of presumed asbestos containing building material (PACM) from three (3) separate buildings on the property located at 75 North Dr. Westborough, MA. 01581. Additionally, this plan will include the removal of TSI, up to a safe distance from the entrances, from three (3) steam tunnels exiting the basement of the "Hillside Building". 4-Point Perimeter monitoring will be conducted, and a 5th down-wind sample taken each day of abatement activities.

All State Abatement professionals, Inc was hired to perform the pre-demolition asbestos inspection for these buildings and during the course of their inspection it was determined that they were structurally unsound, making a comprehensive asbestos inspection impossible. However, the limited testing that was done determined the presence of asbestos containing materials. The prudent course of action is to consider all materials within the buildings as PACM and/or ACM contaminated and dispose of it as ACWM.

Additionally, there are three (3) underground steam tunnels exiting the "Hillside Building" which have also been deemed structurally unsound. TSI is observed extending into these tunnels from the basement of the building. This plan will outline the procedures to remove the TSI up to a safe distance from the entrance(s). At the conclusion of abatement activities, Mass Tech will hire a contractor to brick off the entrances to these tunnels.

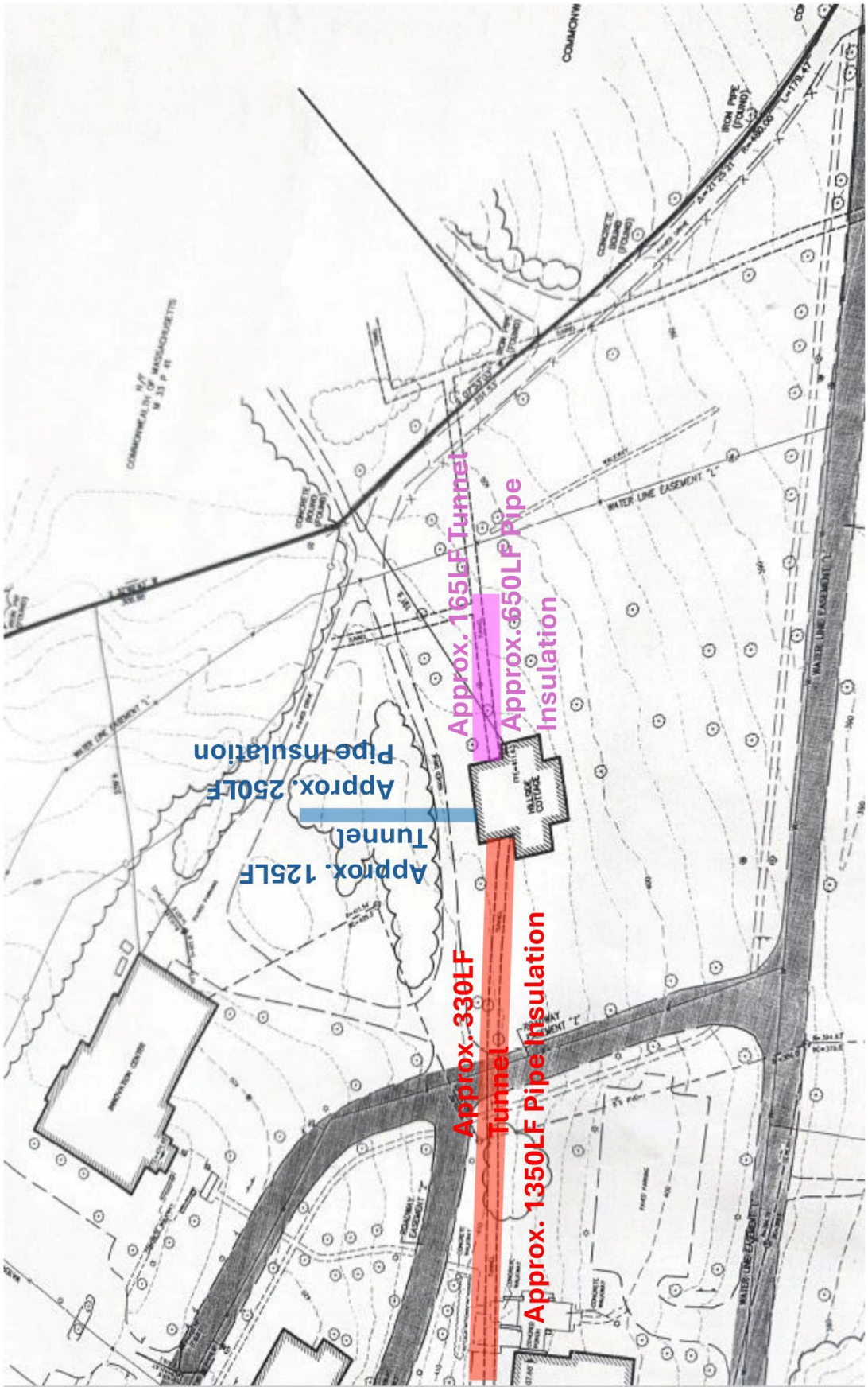
The removal and disposal of asbestos containing waste material (ACWM) at the site will be performed, as described in this project design, by the Designated Asbestos Abatement Contractor. Copies of the pre-renovation asbestos inspections can be found in the appendix section of this work plan.

Figure 1 Photographs of the site.

"Oak Building"

“Hillside Building”

“Boulder Building”


Approx. 165LF Tunnel
Approx. 650LF Pipe Insulation
Approx. 250LF Pipe Insulation
Approx. 125LF Tunnel
Approx. 330LF Tunnel
Approx. 1350LF Pipe Insulation

Interior Photographs

“Boulder Building”

“Hillside Building”

“Oak Buidling”

B. Asbestos Materials

Copies of the asbestos inspections can be found in the appendix section of this plan

Location	Description	Quantity	Type
Exterior "Boulder Building"	Presumed Asbestos Containing Materials and Debris	All Materials within the regulated area.	Presumed
Exterior "Hillside Building"	Presumed Asbestos Containing Materials and Debris	All Materials within the regulated area.	Presumed
Exterior "Oak Building"	Presumed Asbestos Containing Materials and Debris	All Materials within the regulated area.	Presumed

C. Designated Asbestos Abatement Contractor.

The removal and disposal of ACM & PACM at the site will be performed, as described in this project design, by the Designated Asbestos Abatement Contractor. A walkthrough is required for this project. At this walkthrough, the asbestos contractor is responsible for determining the following:

1. The conditions affecting the work, including physical conditions of the site that may bear upon site access, handling and storage of tools and materials, access to water, electricity or other utilities, or that may otherwise affect performance of required activities.
2. The character and quantity of materials associated with asbestos, or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including exploratory work performed by the MassDEP or a designated consultant, and information presented in drawings and specifications included with this contract.

D. Number of Crew Shifts

There will be up to 20 (20) shifts: 8 hours during daylight hours, Monday through Friday.

E. Sequence of Work

Some variation may take place as work progresses.

- No changes to the MassDEP-approved NTWP are allowed prior to written approval from MassDEP.
- MassDEP will receive advance notice of changes or requests for waivers.

F. Special Removal Procedures (Variances)

The following variance is being requested:

- The Abatement Contractor will be seeking a waiver to the 10-day ANF 001 Asbestos Notification Form.
- An Asbestos Notification shall be processed through MassDEP as specified in 454 CMR 28.09.

2.0 REGULATORY COMPLIANCE

Asbestos abatement at the Site shall be performed in compliance with the following state and federal regulations:

- 29 Code of Federal Regulations (CFR) 1910, General Industry Standards, latest edition
- 29 CFR 1926.1101, Construction Industry Standards, latest edition
- 40 CFR Part 61, NESHAP, latest edition
- 454 CMR 28.00
- 310 CMR 7.15
- 40 CFR Part 763

A. Owner

Mass Tech
75 North Drive
Westborough, MA 01581
Attn: Kevin O'Brien

B. Licensed Massachusetts Asbestos Abatement Project Designer

The individual below has fulfilled the requirements stipulated by the USEPA and the MassDLS for license as a Project Designer as defined by Asbestos Hazard Emergency Response Act.

Mr. John Bachand
11 Cliff Ave. Suite B
Hampton, NH. 03842
Project Designer
License #AD030160

C. Licensed Massachusetts Project Monitor

Mr. John Bachand
Northeast Environmental Labs
11 Cliff Ave. Suite B
Hampton, NH. 03842
License# AM031319

D. Designated Asbestos Abatement Contractor

ASAP Restoration
4 Wilder Dr. Ste 12
Plaistow, NH. 03865

2.1 Supervisor and Training Requirements

In accordance with 454 CMR 28.10(2) & (3), the responsible person(s) of the Abatement Contractor shall ensure that a MassDLS licensed Asbestos Supervisor is employed by the Contractor, and present at the Site and in control of the work at all times when work is in progress.

In addition, all persons entering the abatement containment(s) will be employees of the Contractor and licensed by MassDLS as Asbestos Abatement Workers pursuant to 454 CMR 28.03(3).

2.2 Equipment & Protective Clothing

- Equipment that arrives at the site shall be free of visible asbestos-containing debris.
- Full body, double layered disposable protective clothing, including head, body, and foot coverings consisting of material impermeable by asbestos fibers (as defined in 454 CMR 28.04) will be provided to workers and authorized visitors.
- The Abatement Contractor will provide disposable clothing in sizes adequate to accommodate movement without tearing. Disposable clothing will be adequately sealed to footwear to prevent body contamination.
-

2.3 General Safety

General safety measures will comply with 1910 and 1926 OSHA requirements. A pre-construction and Site safety meeting will be held prior to initiating abatement activities. Routine safety and Site coordination meetings will be held prior to the start of each workday.

A. Workers performing duties where falls of 6 feet or more are possible shall wear full-body harnesses.

B. The normal exit is the decontamination exit. All other exits will be considered emergency exits only.

C. Two (2) fire extinguishers shall be located inside each regulated area at all times.

D. Contractor is responsible for supplying power the Site. Electrical power to the regulated area shall be disconnected and locked out. Ground fault interrupter circuits will supply power to the work area.

E. Gas connections shall be blocked out to work areas.

F. Voice communication will be utilized by workers inside regulated areas. Hand-held radios shall be used where voice communication is not possible. A hand-held radio of the same frequency as the abatement subcontractors shall be supplied to the on-Site consultant during removal activities.

1. G Safety equipment shall be in compliance with applicable rules and regulations governing work from scaffolds and ladders. Fall protection shall consist of full-body harnesses and shock absorbing lanyards.

G. A botsball thermometer shall be available on-Site if the temperature is above 70°F in the work area and will be utilized to indicate high heat stress problems. If risk of heat stress is indicated, it shall be regulated through work/rest methods.

H. In the event of an emergency, the on-Site industrial hygiene firm representative shall contact the USEPA representative, on-Site air monitoring firm, and Office of the MassDEP as well as the area NESHAP representative. All emergency telephone numbers shall be posted at the Site.

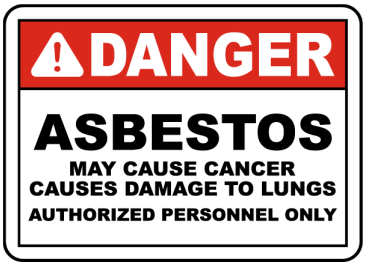
3.0 PRE-ABATEMENT ACTIVITIES

MassDEP will be provided the opportunity to conduct a pre-abatement inspection to approve the containment(s) at least 24-hours prior to the start of asbestos abatement work. MassDEP may visit the site at its discretion to perform preparatory, interim, and final inspections of this and other work areas.

3.1. Isolation and Preparation of the Regulated Areas

There are three (3) exterior regulated work areas: The "Boulder Building", the "Hillside Building" and the "Oak Building". The regulated work areas will be isolated from non-trained and non-protected persons prior to the disturbance of PACM. The Contractor will adhere to the following guidelines while preparing the regulated areas:

1. Workers will demarcate the regulated area by placing asbestos-warning barrier tape. Caution signs will be posted at a distance sufficiently far away from the work area to permit an employee to read the sign and take the necessary protective measures to avoid exposure. An example of an OSHA-compliant warning sign:



Abatement activities will follow Live-Load procedures and take place in the open air, as construction of a containment is not feasible. Perimeter air monitoring shall be performed each day asbestos abatement related activities are conducted. In addition to 4-point perimeter monitoring, a 5th sample will be taken in the downwind direction.

A truck wash/loading area will be constructed. Limited decon of heavy equipment (e.g. washing of the excavator boom arm and bucket over the last live load) will be performed at the end of each workday.

3.2 Truck Wash/Loading Station

Before any heavy equipment leaves the regulated area, it must go through a full decon at the truck/wash loading areas.

Figure 2 depicts the location(s) of the wash/loading area. The wash/load area will be constructed following these guidelines:

1. A minimum of 20-mil rubber roofing membrane will be laid over the entire area of the heavy equipment decon station. The membrane will be adequately stabilized to prevent movement and rupture.
2. Hay bales will be placed around the perimeter of the heavy equipment decon station to denote the area and as a water collection barrier.
3. All decon water from the truck wash will be collected and passed through a 5-micron filter before being used to wet ACWM.
4. **Water runoff will not be allowed.**
5. Loaded waste trailers will not be allowed to remain onsite, overnight, in an uncovered state.

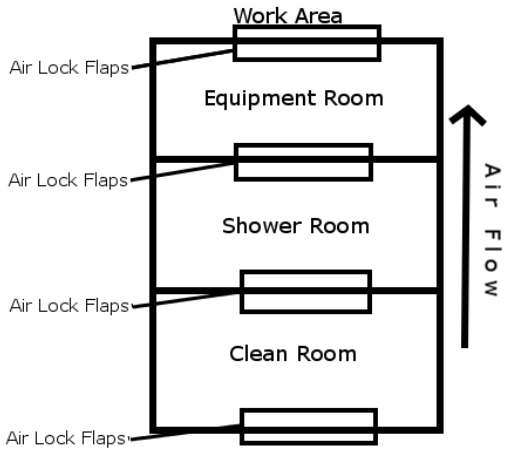
3.3 Preparation of Trailers

Set up of the Trailer will follow the guidelines below.

1. Two (2) ten-mil (0.010 inch thick) pre-formed poly liners (bladder bags) commercially manufactured and sized to fit a 60 yard trailer will be inserted into the dump trailer and flapped over the sides of the dump trailer. **Note**: This project will require the minimum use of approximately thirty-five (35) 60 yard trailers, each requiring two (2) pre-formed poly liners. Any additional trailers used will follow the same guidelines outlined in this plan.
2. The form-fitted bladder liners are required to fit the trailers with sufficient overhang on all four sides to allow for loading and proper sealing of waste.
3. Liners are not to be cut or altered in any way.
4. Each bladder bag shall be individually sealed and labeled with the required generator labels and asbestos hazard labels in accordance to 310 CMR 7.15(15).
5. Limited decontamination of heavy equipment (e.g. wet-wiping and HEPA-vacuuming of the excavator bucket over the last live load) will be performed at the end of each workday.
6. The Designated Project Monitor will inspect each truck and trailer prior to its departure for the presence of PACM debris. **The standard shall be to no visible debris.**
7. Should PACM debris be detected, the truck and trailer shall be decontaminated using wet-wiping and HEPA-vacuuming, within the regulated area, until the Designated Project Monitor clears it for departure.

3.4 Decontamination Facility

Remote decontamination facilities will be constructed and prepared in accordance with 29 CFR Part 1926.1101(j)(1). The decontamination facility shall be constructed using 6-mil poly sheeting and have reinforced walls. The decontamination facility will consist of an equipment room, shower room, and clean room. Hot and cold running water shall be made available in the shower room. All wastewater must pass through a 5-micron filter before being used to wet ACWM prior to disposal. Each space will be clearly identified and separated from the others by plastic sheet doors arranged to minimize fiber and dust and air transfer as people pass between areas. Air locks will have three (3) layers of 6-mil poly sheeting.
Disposal bags used for removal and personal protective equipment (PPE) will be of 6-mil polyethylene, pre-printed with labels as required by USEPA regulation 40 CFR 61.152(b)(l)(iv).
An example of a decontamination facility:



3.5 Workplace Entry and Exit Procedures

- Workers and authorized personnel will enter the regulated areas through the decontamination unit.
- Before entering, personnel will read and be familiar with posted regulations, personal protection requirements (including workplace entry and exit procedures), and emergency procedures.
- Personnel will proceed first to the designated clean area and appropriately don respiratory protection, disposable coveralls, head covering, and foot covering. Hard hats, eye protection, and gloves will also be utilized.
- Before leaving the regulated area, personnel will remove gross contamination from the outside of respirators and protective clothing by HEPA-vacuuming and wet wiping procedures. Small HEPA vacuums with brush attachments shall be utilized for this purpose.
- Any reusable, contaminated footwear will be stored in the work area. Upon completion of abatement, it will be disposed of as asbestos-contaminated waste. Only rubber boots may be decontaminated at the completion of the abatement, for reuse.

3.6 Respiratory Protection & Personal Monitoring

- Half-face respirators will be used during all abatement activities. Respirators will be quantitatively fit tested.
  - Note: No one with facial hair that interferes with proper respirator fit will be permitted to don a respirator and enter the work area.
- Personnel samples shall be collected on no less than 25% of the abatement workers, or one worker per task. No less than two personnel samples per regulated area shall be collected. Personnel samples will be collected and analyzed in accordance with NIOSH Method 7400 (PCM). Results will be posted on site prior to the next work shift.
- Any time air results show workers' exposures to airborne asbestos, on an eight-hour time-weighted average (TWA) basis, and as determined by the PEL/AL during peak activities, as being higher than 0.1 f/cc (fibers per cubic centimeter) the Contractor will cease work. Immediate notification will be given to MassDEP and procedures will be revisited to ensure that air quality is maintained below the protection factor of the half face respirator.
- The Abatement Contractor will provide a sufficient quantity of NIOSH/MSHA-approved high-efficiency particulate air (HEPA) filters so that the workers may change filters each time they exit the work area. Respirators will be wet-rinsed each time a worker leaves the work area.
- Additionally, the Contractor will provide National Institute of Occupational Safety and Health (NIOSH) respiratory protection to workers and official representatives of the state or other governmental entity properly trained to enter the area.

3.7 Ambient Air Monitoring

4-point Perimeter air monitoring shall be performed each day asbestos abatement related activities are conducted. A 5th, downwind sample will be taken. Area samples will be collected and analyzed on site in accordance with NIOSH Method 7400 (PCM).

1. Adequate electrical service must be supplied and maintained during the course of the monitoring process. Four (4) high-volume pumps must be placed in the north, south, east and west quadrants of the demarcated regulated areas.
2. An open faced 25 mm cellulose ester PCM cassette will be placed on the intake orifice of the high-volume pumps.
3. PCM cassettes are to face in toward the abatement area with a 45-degree downward angle.
4. Rotameter is to be used to check the air flow through the cassette. Air flow is to read between 8-12 LPM. Additionally, the MassDLS licensed asbestos project monitor must use a rotameter or other appropriate flow measuring device, that has been calibrated to a primary standard within the past six (6) months, to measure the air flow in the sampling train immediately prior to and immediately following the collection of the clearance air monitoring samples in accordance with 454 CMR 28.10(11)(b)(1).
5. Cassette will be checked every four (4) hours with a target value of 1,200 liters total capture volume (industry standard). Should any sample result reveal a concentration that meets or exceeds 0.010 f/cc, all work shall stop, and Mass DEP shall be immediately notified. Engineering controls will be evaluated and adjusted to reduce the fiber concentration levels below the 0.010 f/cc clearance level.
6. Sampling results will be available on site and copies will be sent to Mass DEP and MassDLS via e-mail at the end of each day.

3.8 Wetting Methods

- **Visible emissions will not be allowed at any time during removal or loadout activities.**
- The water shall be sourced from the fire hydrant.
- PACM shall be wet, as necessary, to comply with National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements and 310 CMR 7.15(7)1.
- PACM shall be wetted with amended water using abrasion-resistant hoses and airless sprayers.
- Amended water shall not be applied in amounts that will cause run-off or leakage of the water from the work area.
- All PACM shall be kept adequately wet until it is placed and sealed into containers pursuant to 310 CMR 7.15(15).

Once the regulated area has been set up, but prior to abatement, MassDEP may conduct a pre-abatement visual inspection of the site. The abatement contractor must provide a minimum of 24 hrs notice for scheduling this inspection.

Figure 2

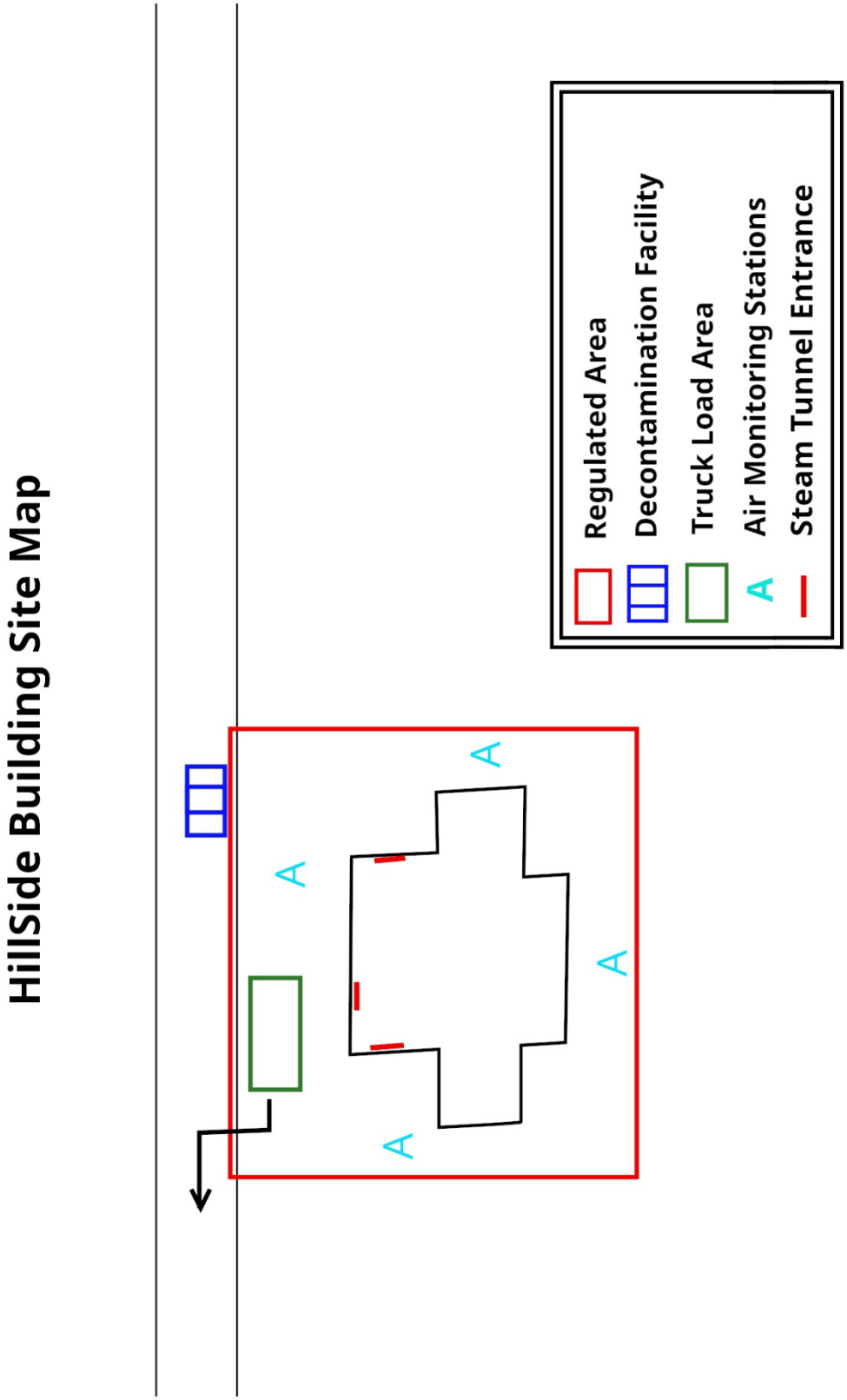
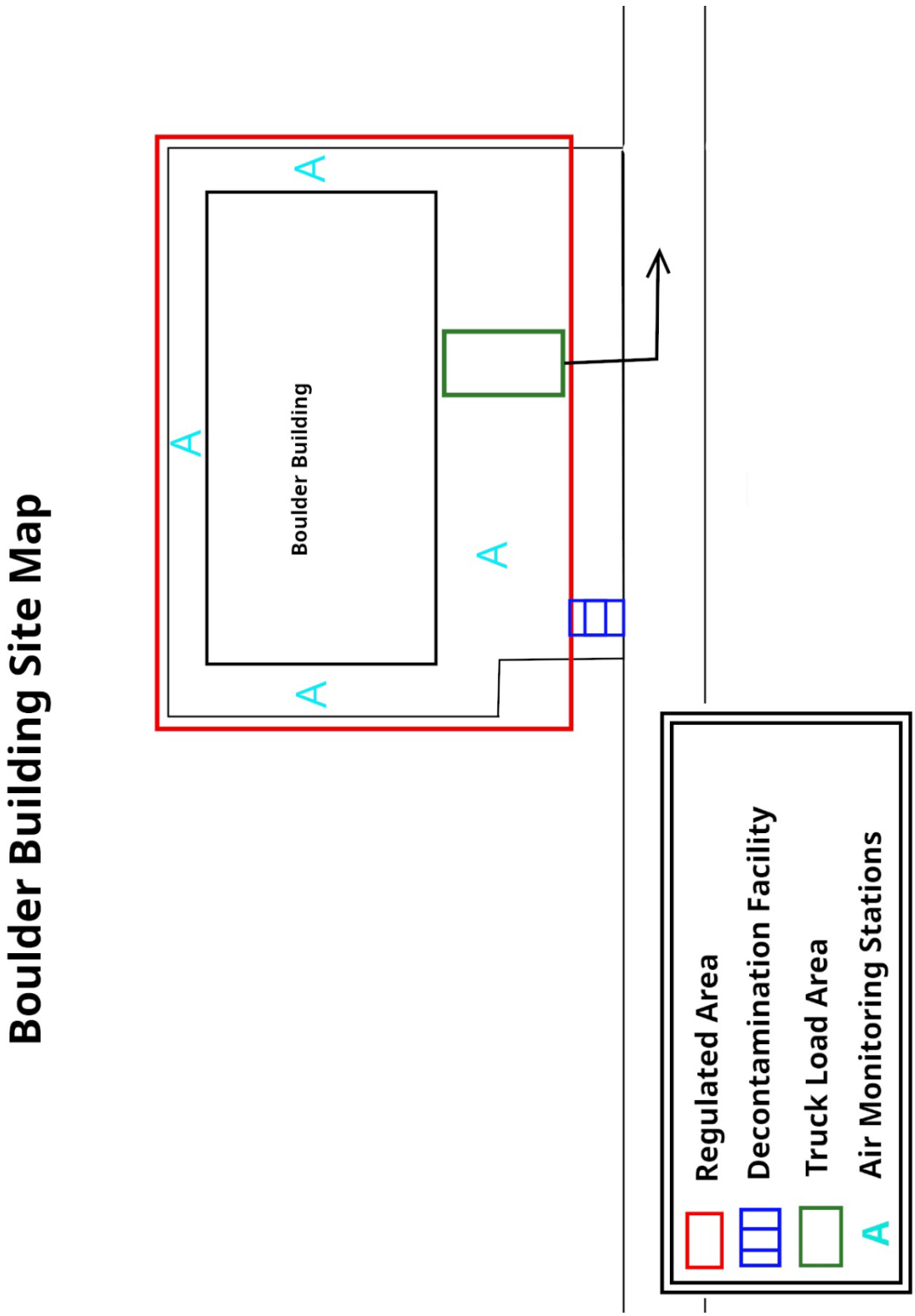

HillSide Building Site Map
Regulated Area
Decontamination Facility
Truck Load Area
Air Monitoring Stations
Steam Tunnel Entrance
A
A
A
A

Figure 3


Boulder Building Site Map
Boulder Building
A
A
A
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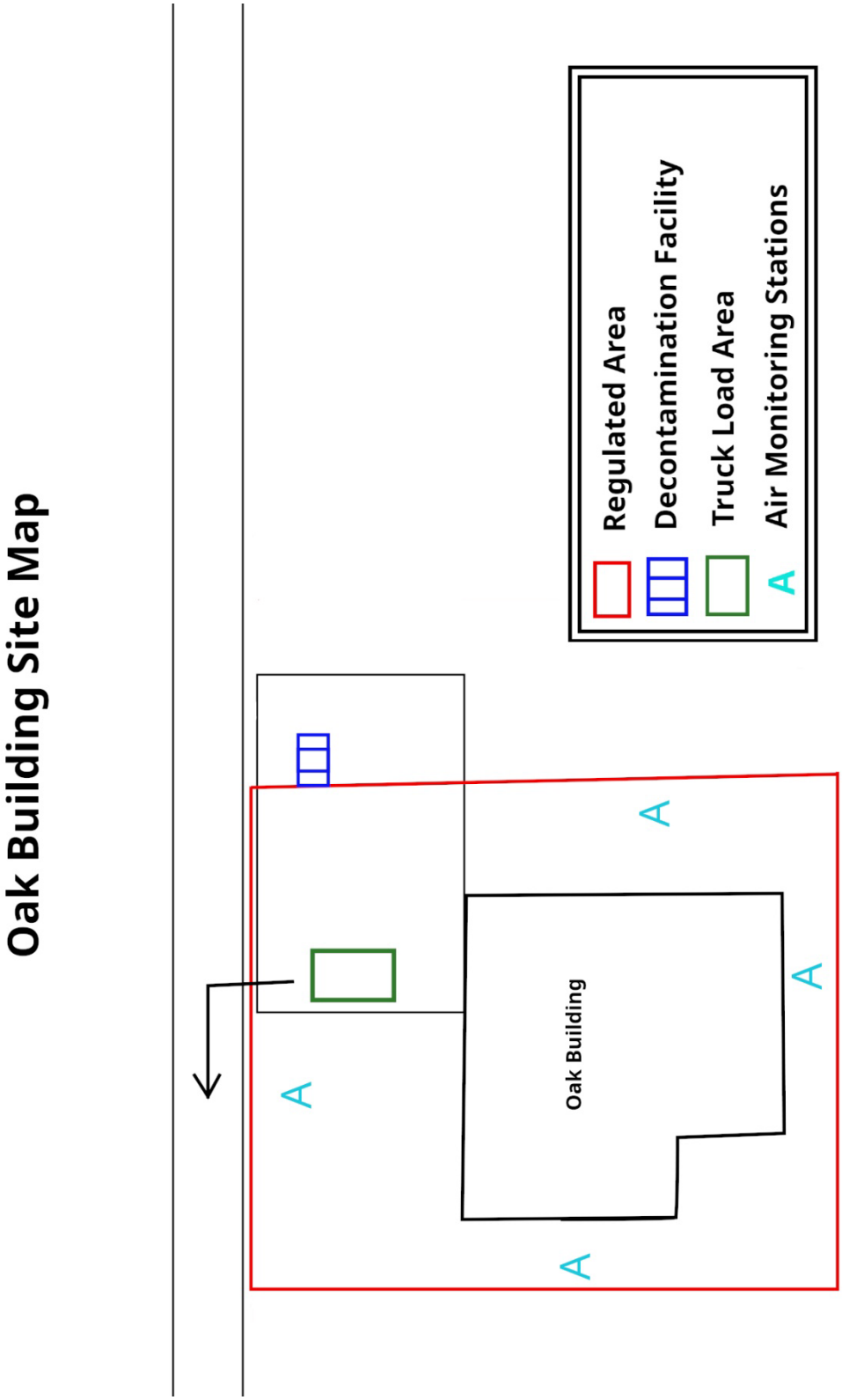
Regulated Area
Decontamination Facility
Truck Load Area
Air Monitoring Stations
A

Figure 4


Oak Building Site Map
Regulated Area
Decontamination Facility
Truck Load Area
Air Monitoring Stations
A
Oak Building

4.0 ABATEMENT METHODS

The following procedures must be performed after the pre-abatement procedures presented in Section 3.0 are completed.

Abatement

1. In the basement of the "Hillside Building", the abatement contractor shall remove TSI via glovebag methods, up a safe distance from the entrance of the steam tunnels.
2. Each waste component will be labeled with the following information printed in letters of sufficient size and contrast so as to be readily visible and legible:

   DANGER CONTAINS ASBESTOS FIBERS MAY CAUSE
   CANCER CAUSES DAMAGE TO LUNGS DO NOT BREATHE
   DUST AVOID CREATING DUST
3. Wet cleaning will be used to decontaminate the abated areas of the entrance to the tunnels, until free of visible debris.
4. Next, the project monitor shall perform a visual inspection of the tunnel entrances.
   a. **The standard shall be no visible debris.**
5. Live Load: All building materials/debris situated within the regulated areas are to be assumed to be asbestos contaminated and removed and disposed of as asbestos waste.
6. The Designated Abatement Contractor shall patrol and rake out any existing debris surrounding the structure, within the regulated area. Care will be taken not to allow any debris to become ground into the soil during this process.
7. All debris will be live loaded into double lined trailers within the regulated area.
8. **There will be no visible emissions during asbestos abatement activities.**
   a. If visible emissions are observed, work will stop, MassDEP will be immediately contacted, and controls will be implemented to eliminate visible emissions.
9. Care will be taken not to allow any debris to become ground into the soil during this process.
   a. Should debris be discovered ground into the soil, a minimum of 2" of soil will be removed and disposed of as ACWM. If additional debris is then observed, soil removal will continue in increments of at least 2" until no visible debris is observed.
   b. Next, the Designated Project Monitor will perform a visual inspection of the site. Five bulk composite soil samples (5 discreet samples collected from a 10' grid and composited) will be taken and analyzed for the presence of asbestos. If bulk sample results in a positive test for additional asbestos, removal methods will resume in increments of 2" of soil removed and tested, until bulk samples return in a negative result.
10. The Designated Project Monitor will inspect each truck and trailer prior to its departure for the presence of PACM debris. **The standard shall be to no visible debris.**
    a. Should PACM be detected, the truck and trailer shall be decontaminated using wet-wiping and HEPA-vacuuming until the Designated Project Monitor clears it for departure. Any material left on-site to be removed the following day shall be wetted, covered, and demarcated with asbestos warning signs.
11. Truck weights will be checked before leaving the site
12. Following abatement activities, HEPA vacuuming or wet cleaning must be used to decontaminate the work area and any equipment used in the work operation.
13. The MassDLS licensed project monitor will complete a final visual inspection prior to tear down and loadout activities.
    a. **Visual clearance shall be to the standard of no visible debris.**

14. Following the project monitor's final visual inspection, MassDEP may choose to conduct a post-abatement visual inspection. A minimum of 24 hrs notice must be given to schedule this inspection.
15. The procedures described in this section, steps 8 through 12 shall be repeated until criteria for visual clearance have been met.
16. Until these conditions are achieved all work area barriers shall remain in place, respirators and other personal protective equipment shall be worn and all other work practice controls shall remain in effect.

5.0 Transportation and Disposal

NOTE: Truck weights will be checked before leaving the site.

- ACWM shall be transported directly from the site to the landfill. All ACWM removed from each containment must be handled and disposed of in conformance with EPA NESHAPS Regulations at 40 CFR Part 61 and Massachusetts Department of Environmental Protection (DEP) Regulations 310 CMR 7.00, 18.00 and 19.00. Only ACWM which has been properly containerized shall be transported from the point of generation.
- Transport shall be in covered locked and secured vehicles and locked containers. Transportation of ACWM shall be in conformance with EPA NESHAP Regulations at 40 CFR Part 61 and applicable standards of the US Department of Transportation, OSHA and the Massachusetts Department of Environmental Protection.
  - A WSR (Waste Shipment Record) must be generated each time ACWM leaves the Site.
  - A copy of the WSR must be submitted to MassDEP on the same day the ACWM leaves the Site.
  - A fully completed WSR from the landfill shall be submitted to MassDEP within 30 days of arrival of the waste at the landfill.
  - All loaded trucks will be required to get a certified scale ticket prior to arrival to Minerva Landfill. A copy of the Minerva scale ticket for each load will be attached to the fully executed manifest when returned to SMS Enterprises.

Transportation Company	**Landfill**
EA Logistic Services, Inc. 106 Egerton Rd. Langhorn, PA 19047	Minerva Enterprises 9000 Minerva Rd. Waynesburg, OH. 44688

Appendix

All State Abatement Professionals, Inc.

4 Wilder Drive, Suite 12
Plaistow, NH 03865

866-565-ASAP
Fax: 603-378-0610

ASBESTOS SURVEY

Boulder Building
75 North Drive
Westborough, MA 01581

Prepared for:

Mass Tech
75 North Drive
Attn: Mauricio Ramirez
Westborough, MA 01581

NOTE: Given the advanced deterioration and decay, the use of traditional abatement methods has proven to be both unsafe and impractical for contractors tasked with the scope of work. We strongly recommend engaging a Certified Industrial hygienist/project designer to develop a non-traditional abatement plan to address necessary safety measures.

Prepared by:

All State Abatement Professionals, Inc.
Joseph R. Curley

ASBESTOS INSPECTION

PROJECT:
PROJECT ADDRESS: 75 North Drive - Boulder Building
Westborough, MA 01581

INSPECTION DATE:

INSPECTED BY: JOSEPH R. CURLEY
MA CERTIFICATION #: AI900857
NH CERTIFICATION #: AI000460
JOB #: 25-015

REPORT DATE: 3/11/2025

REPORT REQUESTED BY: Mass Teck
Attn: Mauricio Ramirez
75 North Drive
Westborough, MA 01581
Phone: 617-817-8683
Email: Ramirez@masstech.org

PURPOSE:

The enclosed limited inspection is to thoroughly inspect the above stated property, where demolition and/or renovations will occur, for the presence of asbestos, including Category I and Category II non-friable ACM in accordance with the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) Standard for Demolition and Renovation as described in 40 CFR Part 61.145 (a).

INSPECTION OVERVIEW

The property is a Commercial Red Brick building that has a basement and 3 floors totaling approximately 11,400 square feet.

Interior of this building has 3 floors which has collapsed and is considered “UNSAFE” for entry. We must assume there is “Suspect Asbestos Containing Materials” that could not be collected for safety purposes.

This inspection focused on, but was not limited to, the following suspect asbestos containing material (SACM).

Plaster Walls & Ceilings	Sheetrock/Joint Compound
Various Vinyl Flooring	Moisture Barrier Paper
Transite	Various Asphalt Roofing Material
Mastic Sealants	Window Glazing/Caulking
Insulation Materials	Sprayed/Troweled on Material

SAMPLING

Samples of suspect asbestos containing material (SACM) were collected in accordance with the EPA NESHAP Standard for Demolition and Renovation as described in 40 CFR Part 61.145. Samples were labeled, placed in leak-tight containers and recorded on a “Chain of Custody” (See Appendix A). The Chain of Custody includes the date collected, the location where the sample was taken and the color of the material. The samples were delivered to Optimum Analytical & Consulting, LLC in Salem, NH for analysis and logged in with the date and time the samples were received by the laboratory technician from the inspector.

ANALYSIS

All samples were analyzed by Polarized Light Microscopy (PLM) Bulk Asbestos Analysis in accordance with ERA 600/M4-82-1020 per CFR 763 (NVLAP# 102079-0).

RESULTS

Sampling results are described in two categories: "Friable Asbestos Containing Material" and "Category I and Category II Non-friable Asbestos Containing Material" that is determined to contain equal to or greater than 1% asbestos.

Samples are identified by the following asbestos types:

1. ***Thermal System Insulation*** **(TSI)** which includes any and all material used for heat/cold control, i.e. pipe insulation, boiler or tank insulation, breech insulation, etc.
2. ***Surfacing Material*** **(SFM)** which includes any and all sprayed-on or troweled-on material, i.e., spray-on insulation, textured paint, stucco, joint compounds, mastics, etc.
3. ***Miscellaneous Material*** **(MM)** which includes vinyl floor tiles, vinyl sheet goods, duct wrap insulation, wallboard, cementitious materials including transite panels, roofing, etc.

Sample results are reported by sample number, location, sample description, sample color, type of asbestos and % of asbestos content of the homogeneous material represented by the sample. Twenty-seven (27) samples were collected and Twenty-seven (27) samples were analyzed.

SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIAL (SACM)

Table 1 – Asbestos Containing Material (ACM)

Sample #	Location	Description	Color	% Asbestos	Quantities
B-A4b	**Basement**	**Joint Compound**	**Off White**	**2%**	**3600+/- Sheetrock & Joint collapse. is in debris from collapse**
B-A5	**Basement**	**Boiler Insulation**	**Gray**	**75%**	**300SF as noted in B-A6**
B-A7	**Basement**	**Window Glazing**	**Beige**	**2%**	**All windows as noted in B-A8**
B-A6	**BASEMENT**	**BOILER INSULATION**	**Gray**	**75%**	**300SF +/-**
B-A8	**BASEMENT**	**WINDOW GLAING**	**BEIGE**	**2%**	**All windows. 75 Units**
B-A12A	**STAIRWELL BETWEENT 1ST & 2ND FLOOR ROOM**	**FLOOR TILE**	**BROWN**	**5%**	**145SF +/-**
B-A13A	**STAIRWELL BETWEEN 1ST & 2ND FLOOR ROOM**	**FLOOR TILE**	**BROWN**	**5%**	**145SF +/-**

B-A16A	**STAIRWELL BETWEEN 2ND & 3RD FLOOR ROOM**	**FLOOR TILE**	**BROWN**	**5%**	**145SF +/-**
B-A17A	**STAIRWELL BETWEEN 2ND & 3RD FLOOR ROOM**	**FLOOR TILE**	**BROWN**	**5%**	**145SF +/-**
B-A18	**3RD FLOOR STAIRWELL 8 OVER 2 EXTERIOR WINDOW**	**WINDOW GLAZING**	**BEIGE**	**2%**	**All windows as noted in B-A8**
	ROOFING MATERIALS			**ASSUME POSITIVE**	**9000SF**
	PIPE INSULATION			**ASSUME POSITIVE**	**May be contained in walls**

Table 2 – No Asbestos Detected (NAD)

Sample #	Location	Description
B-A1A	BASEMENT	PLASTER SKIM COAT
B-A1B	BASEMENT	GRAY COAT
B-A2	BASEMENT	CEILING TILE
B-A3	BASEMENT	CEILING TILE
B-A4A	BASEMENT	SHEETROCK
B-A9A	1ST FLOOR	PLASTER SKIM COAT
B-A9B	1ST FLOOR	GRAY COAT
B-A10	1ST FLOOR	CEILING TILE
B-A11	1ST FLOOR	WALLBOARD
B-A12B	STAIRWELL BETWEEN 1ST & 2ND FLOOR ROOM	MASTIC
B-A13B	STAIRWELL BETWEEN 1ST & 2ND FLOOR ROOM	MASTIC
B-A14	2ND FLOOR 2 OVER 2 EXTERIOR DOUBLE HUNG WINDOW	WINDOW GLAZING
B-A15	2ND FLOOR HALLWAY WALL	WALLBOARD
B-A16	STAIRWELL BETWEEN 1ST & 2ND FLOOR ROOM	MASTIC
B-A17B	STAIRWELL BETWEEN 1ST & 2ND FLOOR ROOM	MASTIC
B-A19A	3RD FLOOR STAIRWELL WALL/CEILING	PLASTER SKIM COAT
B-A19B	3RD FLOOR STAIRWELL WALL/CEILING	GRAY COAT

Table 3 – Lead Analysis In Paint

Sample #	Location	Result	Pass/Fail
B-L1	**TOP FLOOR**	**27.5**	**FAIL**
B-L2	**2ND FLOOR**	**0.771**	**FAIL**
B-L3	**1ST FLOOR**	**0.583**	**FAIL**

B-L4	**BASEMENT**	**5.95**	**FAIL**

ATTACHED ARE PICTURES OF SAMPLED MATERIALS…

B-A1

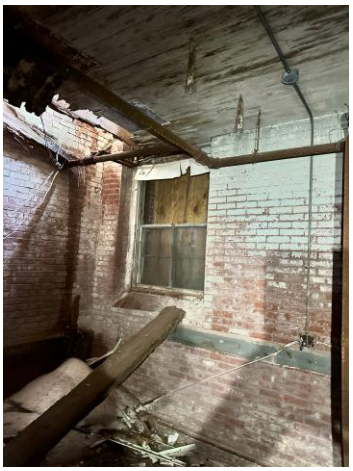
B-A2

B-A3

B-A4

B-A5 B-A6

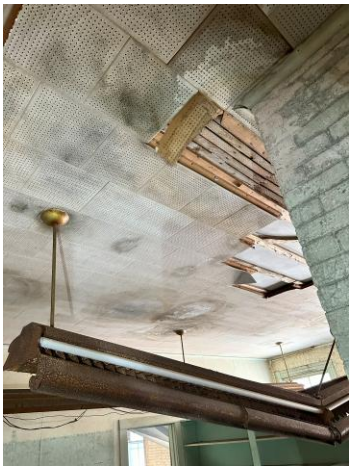
B-A7



B-A7(1)

B-A8

B-A9



B-A10

B-A12 B-A13

B-A14

B-A15

B-A16 B-A17

B-A18

B-A19

B-L1

B-L2

B-L3

B-L4

BASEMENT VIEW OF ABOVE FLOOR COLLAPSE

SURVEY LIMITATIONS

This Asbestos Survey was conducted with the intent that all suspect asbestos building materials be discovered as best as could be expected without actual demolition of the buildings. Many walls, ceilings, and floors were opened up (broken open) during the survey to discover the nature of construction and materials used. It is

recommended that during asbestos abatement and or renovation/demolition and onsite Asbestos Inspector be present to ensure that if any undiscovered suspect asbestos building materials arise, they be addressed appropriately. ASAP is not responsible for inaccessible or hidden building materials. This survey did not include: Soils, underground utilities, drainage systems, inaccessible spaces, inaccessible crawl spaces and inaccessible foundations.

Please feel free to contact me with any questions or for clarification.

Sincerely,

Joseph R. Curley
Asbestos Inspector

All **S**tate **A**batement **P**rofessionals, Inc.

4 Wilder Drive, Suite 12
Plaistow, NH 03865

866-565-**ASAP**
Fax: 603-378-0610

ASBESTOS SURVEY

Hillside Building
75 North Drive
Westborough, MA 01581

Prepared for:

Mass Tech
75 North Drive
Attn: Mauricio Ramirez
Westborough, MA 01581

NOTE: Given the advanced deterioration and decay, the use of traditional abatement methods has proven to be both unsafe and impractical for contractors tasked with the scope of work. We strongly recommend engaging a Certified Industrial hygienist/project designer to develop a non-traditional abatement plan to address necessary safety measures.

Prepared by:

All State Abatement Professionals, Inc.
Joseph R. Curley

ASBESTOS INSPECTION

PROJECT:
PROJECT ADDRESS: Hillside Building 75 North Drive
Westborough, MA 01581

INSPECTION DATE:

INSPECTED BY: JOSEPH R. CURLEY
MA CERTIFICATION #: AI900857
NH CERTIFICATION #: AI000460
JOB #: 25-015

REPORT DATE: 3/11/2025

REPORT REQUESTED BY: Mass Tech
Attn: Mauricio Ramirez
75 North Drive
Westborough, MA 01581
Phone: 617-817-8683

Email: Ramirez@masstech.org

PURPOSE:

The enclosed limited inspection is to thoroughly inspect the above stated property, where demolition and/or renovations will occur, for the presence of asbestos, including Category I and Category II non-friable ACM in accordance with the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) Standard for Demolition and Renovation as described in 40 CFR Part 61.145 (a).

INSPECTION OVERVIEW

The property is a Commercial Red Brick building that has a basement and 3 floors totaling approximately 11,424 square feet.

Interior of this building has 3 floors has floor decay throughout, partial floor collapse and roof cave-ins and are considered “UNSAFE” for entry. We must assume there is “Suspect Asbestos Containing Materials” that could not be collected for safety purposes.

This inspection focused on, but was not limited to, the following suspect asbestos containing material (SACM).

Plaster Walls & Ceilings	Sheetrock/Joint Compound
Various Vinyl Flooring	Moisture Barrier Paper
Transite	Various Asphalt Roofing Material
Mastic Sealants	Window Glazing/Caulking
Insulation Materials	Sprayed/Troweled on Material

SAMPLING

Samples of suspect asbestos containing material (SACM) were collected in accordance with the EPA NESHAP Standard for Demolition and Renovation as described in 40 CFR Part 61.145. Samples were labeled, placed in leak-tight containers and recorded on a “Chain of Custody” (See Appendix A). The Chain of Custody includes the date collected, the location where the sample was taken and the color of the material. The samples were delivered to Optimum Analytical & Consulting, LLC in Salem, NH for

analysis and logged in with the date and time the samples were received by the laboratory technician from the inspector.

ANALYSIS

All samples were analyzed by Polarized Light Microscopy (PLM) Bulk Asbestos Analysis in accordance with ERA 600/M4-82-1020 per CFR 763 (NVLAP# 102079-0).

RESULTS

Sampling results are described in two categories: "Friable Asbestos Containing Material" and "Category I and Category II Non-friable Asbestos Containing Material" that is determined to contain equal to or greater than 1% asbestos.

Samples are identified by the following asbestos types:

1. ***Thermal System Insulation*** **(TSI)** which includes any and all material used for heat/cold control, i.e. pipe insulation, boiler or tank insulation, breech insulation, etc.
2. ***Surfacing Material*** **(SFM)** which includes any and all sprayed-on or troweled-on material, i.e., spray-on insulation, textured paint, stucco, joint compounds, mastics, etc.
3. ***Miscellaneous Material*** **(MM)** which includes vinyl floor tiles, vinyl sheet goods, duct wrap insulation, wallboard, cementitious materials including transite panels, roofing, etc.

Sample results are reported by sample number, location, sample description, sample color, type of asbestos and % of asbestos content of the homogeneous material represented by the sample. Thirty-five (35) samples were collected and Thirty-five (35) samples were analyzed.

SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIAL (SACM)

Table 1 – Asbestos Containing Material (ACM)

Sample #	Location	Description	Color	% Asbestos	Quantities	Debris
H-A1	**BASEMENT**	**PIPE INSULATION**	**WHITE**	**62%**	**500LF**	**4400SF**
H-A2	**BASEMENT**	**PIPE INSULATION**	**WHITE**	**62%**	**500LF**	**4400SF**
H-A3	**BASEMENT**	**PIPE INSULATION**	**WHITE**	**62%**	**500LF**	**4400SF**
H-A6	**BASEMENT 2 OVER 2 DOUBLE HUNG WINDOW**	**WINDOW GLAZING**		**2%**	**All windows 70 units as noted in H-A15**	
H-A11B	**IN REAR DINING ROOM/ROOM WITH SCALE**	**BACKING**	**GRAY**	**2%**	**1,300SF**	
H-A13B	**KITCHEN**	**BACKING**	**GRAY**	**TRACE**	**1,300SF**	
H-A15	**2ND FLOOR EXTERIOR 2 OVER 2 DOUBLE HUNG WINDOW**	**WINDOW GLAZING**	**WHITE**	**2%**	**All windows 70 units**	
H-A16	**2ND FLOOR INTERIOR AVOVE DOOR TO ROOM**	**WINDOW GLAZING**	**WHITE**	**2%**	**2,250LF All windows as noted in H-A15**	

H-A17	**2ND FLOOR INTERIOR ABOVE DOOR TO ROOM**	**WINDOW GLAZING**	**WHITE**	**2%**	**All windows as noted in H-A15**	
H-A23	**3RD FLOOR 2 OVER 2 DOUBLE HUNG EXTERIOR WINDOW**	**WINDOW GLAZING**	**BROWN**	**2%**	**All windows as noted in H-A15**	
	ROOF MATERIALS			**ASSUME POSITIVE**		
	TUNNEL PIPE INSULATION			**ASSUME POSITIVE**	**2250LF**	
	ALL PIPE INSULATION			**ASSUME POSITIVE**	**May be contained in walls**	

Table 2 – No Asbestos Detected (NAD)

Sample #	Location	Description
H-A4A	BASEMENT BATHROOM	CERAMIC TILE
H-A4B	BASEMENT BATHROOM	GROUT LAYER 1
H-A4B	BASEMENT BATHROOM	MORTAR LAYER 2
H-A4C	BASEMENT BATHROOM	PLASTER
H-A5A	BASEMENT BATHROOM	CERAMIC TILE
H-A5B	BASEMENT BATHROOM	GROUT LAYER 1
H-A5B	BASEMENT BATHROOM	MORTOR LAYER 2
H-A5C	BASEMENT BATHROOM	PLASTER
H-A7	1ST FLOOR CEILING	CEILING TILE
H-A8	1ST FLOOR CEILING	CEILING TILE
H-A9	1ST FLOOR EXTERIOR WINDOW 2 OVER 2 DOUBLE HUNG WINDOW	WINDOW GLAZING
H-A10	1ST FLOOR WALL/CEILING	PLASTER SKIM COAT
H-A10B	1ST FLOOR WALL/CEILING	ROUGH COAT PLASTER
H-A11A	IN REAR DINING ROOM/ROOM WITH SCALE	LINOLEUM
H-A12A	IN CLOSET REAR DINING ROOM/ROOM WITH SCALE	LINOLEUM
H-A12B	IN CLOSET REAR DINING ROOM/ROOM WITH SCALE	BACKING
H-A13A	KITCHEN	LINOLEUM
H-A14A	2ND FLOOR IN REAR ROOM	LINOLEUM
H-A14B	2ND FLOOR IN REAR ROOM	BACKING
H-A18A	2ND FLOOR WALL/CEILING	SKIM COAT PLASTER
H-A18B	2ND FLOOR WALL/CEILING	ROUGH COAT
H-A19A	2ND FLOOR	SHEETROCK
H-A19B	2ND FLOOR	JOINT COMPOUND
H-A20	2ND FLOOR	PAPER
H-A21	2ND FLOOR	PAPER
H-A22A	3RD FLOOR WALL/CEILING	SKIM COAT PLASTER
H-A22B	3RD FLOOR WALL/CEILING	ROUGH COAT

Table 3 – Lead Analysis In Paint

Sample #	Location	Result	Pass/Fail
H-L1	TOP FLOOR	3.315	FAIL
H-L2	2ND FLOOR	8.367	FAIL
H-L3	1ST FLOOR	3.204	FAIL
H-L4	BASEMENT	0.858	FAIL

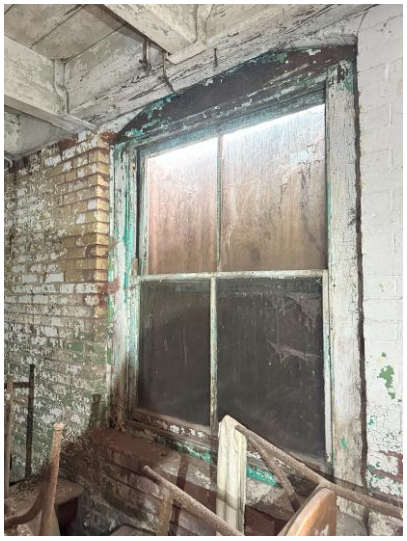
ATTACHED ARE PICTURES OF SAMPLED MATERIALS…

H-A1

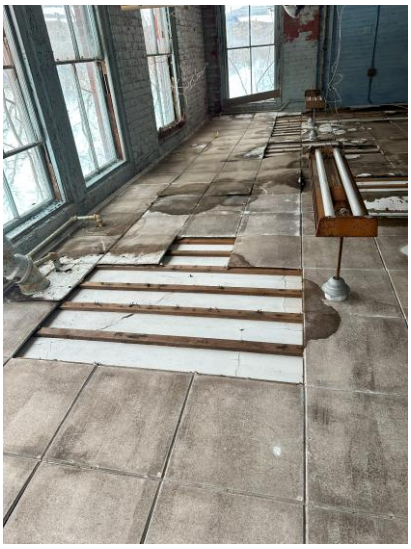
H-A2

H-A4A_H-A4B_H-A4C

H-A5A_H-A5B_H-A5C



H-A6



H-A7

H-A8

H-A9

H-A10A_H-A10B

H-A11A_H-A11B

H-A12A_H-A12B

H-A13A_H-A13B

H-A13A_H-A13B (2)

H-A14A_H-A14B

H-A15

H-A16

H-A17

H-A18A_H-A18B

H-A19A_H-A19B

H-A20

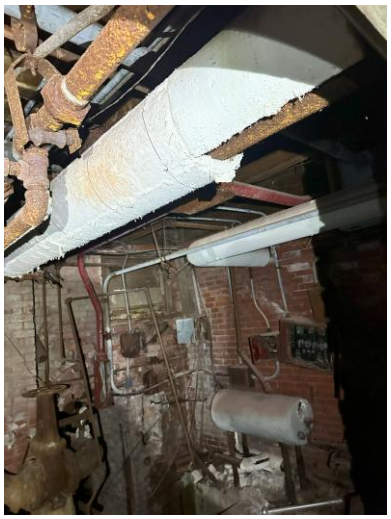
H-A21

H-A22A_H-A22B

BASEMENT PIPE INSULATION

BASEMENT PIPE INSULATION

BASEMENT PIPE INSULATION DEBRIS



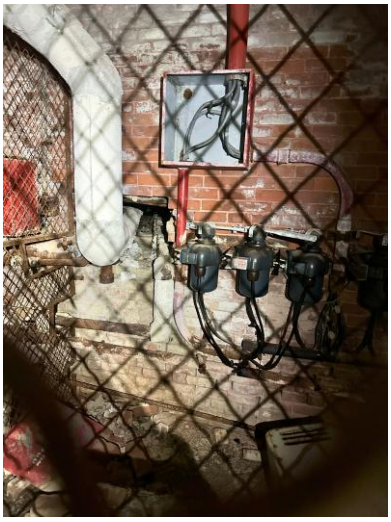
BASEMENT PIPE INSULATION AND DEBRIS

BASEMENT BATHROOM PLASTER PIPE INSULATION THROUGHOUT

PIPE DEBRIS IN BASEMENT BATHROOM

1 TUNNEL

2 TUNNEL



3 TUNNEL

ALL TUNNELS CONTAIN PIPE INSULATION AND PIPE INSULATION DEBRIS

H-L1

H-L2

H-L3

H-L4

SURVEY LIMITATIONS

This Asbestos Survey was conducted with the intent that all suspect asbestos building materials be discovered as best as could be expected without actual demolition of the buildings. Many walls, ceilings, and floors were opened up (broken open) during the survey to discover the nature of construction and materials used. It is recommended that during asbestos abatement and or renovation/demolition and onsite Asbestos Inspector be present to ensure that if any undiscovered suspect asbestos building materials arise, they be addressed appropriately. ASAP is not responsible for inaccessible or hidden building materials. This survey did not include: Soils, underground utilities, drainage systems, inaccessible spaces, inaccessible crawl spaces and inaccessible foundations.

Please feel free to contact me with any questions or for clarification.

Sincerely,

Joseph R. Curley

Asbestos Inspector

All State Abatement Professionals, Inc.

4 Wilder Drive, Suite 12
Plaistow, NH 03865

866-565-ASAP
Fax: 603-378-0610

ASBESTOS SURVEY

Oak Building
75 North Drive
Westborough, MA 01581

Prepared for:

Mass Tech
75 North Drive
Attn: Mauricio Ramirez
Westborough, MA 01581

NOTE: Given the advanced deterioration and decay, the use of traditional abatement methods has proven to be both unsafe and impractical for contractors tasked with the scope of work. We strongly recommend engaging a Certified Industrial hygienist/project designer to develop a non-traditional abatement plan to address necessary safety measures.

Prepared by:

All State Abatement Professionals, Inc.
Joseph R. Curley

ASBESTOS INSPECTION

PROJECT:
PROJECT ADDRESS: Oak Building 75 North Drive
Westborough, MA 01581

INSPECTION DATE:

INSPECTED BY: JOSEPH R. CURLEY
MA CERTIFICATION #: AI900857
NH CERTIFICATION #: AI000460
JOB #: 25-015

REPORT DATE: 3/11/2025

REPORT REQUESTED BY: Mass Tech
Attn: Mauricio Ramirez
75 North Drive
Westborough, MA 01581
Phone: 617-817-8683

Email: Ramirez@masstech.org

PURPOSE:

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INSPECTION OVERVIEW

The property is a Commercial Red Brick building that has a basement and 3 floors totaling approximately 12,099 square feet.

Interior Kitchen corner of this building, the floors have rotted on all levels with partial roof cave-in. We must assume there is “Suspect Asbestos Containing Materials” that could not be collected for safety purposes.

This inspection focused on, but was not limited to, the following suspect asbestos containing material (SACM).

Plaster Walls & Ceilings	Sheetrock/Joint Compound
Various Vinyl Flooring	Moisture Barrier Paper
Transite	Various Asphalt Roofing Material
Mastic Sealants	Window Glazing/Caulking
Insulation Materials	Sprayed/Troweled on Material

SAMPLING

Samples of suspect asbestos containing material (SACM) were collected in accordance with the EPA NESHAP Standard for Demolition and Renovation as described in 40 CFR Part 61.145. Samples were labeled, placed in leak-tight containers and recorded on a “Chain of Custody” (See Appendix A). The Chain of Custody includes the date collected, the location where the sample was taken and the color of the material. The samples were delivered to Optimum Analytical & Consulting, LLC in Salem, NH for

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All samples were analyzed by Polarized Light Microscopy (PLM) Bulk Asbestos Analysis in accordance with ERA 600/M4-82-1020 per CFR 763 (NVLAP# 102079-0).

RESULTS

Sampling results are described in two categories: "Friable Asbestos Containing Material" and "Category I and Category II Non-friable Asbestos Containing Material" that is determined to contain equal to or greater than 1% asbestos.

Samples are identified by the following asbestos types:

1. ***Thermal System Insulation*** **(TSI)** which includes any and all material used for heat/cold control, i.e. pipe insulation, boiler or tank insulation, breech insulation, etc.
2. ***Surfacing Material*** **(SFM)** which includes any and all sprayed-on or troweled-on material, i.e., spray-on insulation, textured paint, stucco, joint compounds, mastics, etc.
3. ***Miscellaneous Material*** **(MM)** which includes vinyl floor tiles, vinyl sheet goods, duct wrap insulation, wallboard, cementitious materials including transite panels, roofing, etc.

Sample results are reported by sample number, location, sample description, sample color, type of asbestos and % of asbestos content of the homogeneous material represented by the sample. Twenty-eight (28) samples were collected and Twenty-eight (28) samples were analyzed.

SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIAL (SACM)

Table 1 – Asbestos Containing Material (ACM)

Sample #	Location	Description	Color	% Asbestos	Quantities	Debris
O-A4	**BASEMENT ON PIPE/DEBRIS ON FLOOR**	**PIPE INSULATION**	**WHITE**	**35%**	**4,900 SF Whole Basement**	
O-A5	**BASEMENT ON PIPE/DEBRIS ON FLOOR**	**PIPE INSULATION**	**WHITE**	**35%**	**4,900SF Whole Basement**	
O-A8A	**1ST FLOOR DEBRIS ON FLOOR OUTER LAYER**	**PIPE INSULATION**	**BROWN**	**8%**	**30LF**	**300SF on floors**
O-A8B	**1ST FLOOR DEBRIS ON FLOOR OUTER LAYER**	**INNER LAYER**	**BLACK**	**2%**	**30LF**	**300SF on floors**
O-A17	**3RD FLOOR EXTERIOR ROUND OVER 2 DOUBLE HUNG WINDOW**	**WINDOW GLAZING**	**BEIGE**	**3%**	**All windows 80 Units**	
O-A18	**3RD FLOOR EXTERIOR ROUND OVER 2**	**WINDOW GLAZING**	**BEIGE**	**3%**	**All windows 80 Units as**	

	DOUBLE HUNG WINDOW				**noted on O-A17**	
	ROOF MATERIALS			**ASSUME POSITIVE**	**5000SF**	
	ALL PIPE INSULATION			**ASSUME POSITIVE**	**Pipe may be contained in walls**	

Table 2 – No Asbestos Detected (NAD)

Sample #	Location	Description
O-A1A	BASEMENT WALL/CEILING	PLASTER SKIM COAT
O-A1B	BASEMENT WALL/CEILING	GRAY COAT
O-A2A	BASEMENT BATHROOM WALL	CERAMIC TILE MUDSET
O-A2B	BASEMENT BATHROOM WALL	GROUT
O-A2C	BASEMENT BATHROOM WALL	PLASTER
O-A3A	BASEMENT BATHROOM WALL	CERAMIC TILE MUDSET
O-A3B	BASEMENT BATHROOM WALL	GROUT
O-A3C	BASEMENT BATHROOM WALL	PLASTER
O-A6	BASEMENT EXTERIOR 2 OVER 2 DOUBLE HUNG WINDOW	WINDOW GLAZING
O-A7A	1ST FLOOR WALL/CEILING	PLASTER SKIM COAT
O-A7B	1ST FLOOR WALL/CEILING	GRAY COAT
O-A9A	1ST FLOOR FRONT FIREPLACE	CERAMIC TILE MUDSET
O-A9B	1ST FLOOR FRONT FIREPLACE	GROUT
O-A10	1ST FLOOR EXTERIOR 3 OVER 3 DOUBLE HUNG WINDOW	WINDOW GLAZING
O-A11	1ST FLOOR EXTERIOR 3 OVER 3 DOUBLE HUNG WINDOW	WINDOW GLAZING
O-A12A	2ND FLOOR WALL/CEILING	PLASTER SKIM COAT
O-A12	2ND FLOOR WALL/CEILING	GRAY COAT
O-A13	2ND FLOOR EXTERIOR 2 OVER 2 DOUBLE HUNG WINDOW	WINDOW GLAZING
O-A14	2ND FLOOR	WALLBOARD
O-A15	2ND FLOOR	WALLBOARD
O-A16A	3RD FLOOR WALL/CEILING	PLASTER SKIM COAT
O-A16B	3RD FLOOR WALL/CEILIG	GRAY COAT

Table 3 – Lead Analysis In Paint

Sample #	Location	Result	Pass/Fail
O-L1	**TOP FLOOR**	**26.293**	**FAIL**
O-L2	**2ND FLOOR**	**24.283**	**FAIL**
O-L3	**1ST FLOOR**	**31.118**	**FAIL**
O-L4	**BASEMENT**	**17.645**	**FAIL**

ATTACHED ARE PICTURES OF SAMPLED MATERIALS…

O-A1A_O-A1B

O-A2_O-A3

O-A4

O-A5

O-A6

O-A7A_O-A7B

O-A8A_O-A8B

O-A9A_O-A9B

O-A10

O-A11

O-A12A_O-A12B

O-A14

O-A15

O-A16A_O-A16B

O-A17

O-A18

BASEMENT PIPE INSULATION

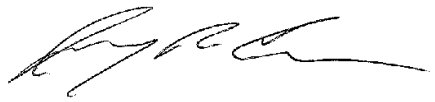
BASEMENT BATHROOM PLASTER PIPE INSULATION THROUGHOUT

SURVEY LIMITATIONS

This Asbestos Survey was conducted with the intent that all suspect asbestos building materials be discovered as best as could be expected without actual demolition of the buildings. Many walls, ceilings, and floors were opened up (broken open) during the survey to discover the nature of construction and materials used. It is recommended that during asbestos abatement and or renovation/demolition and onsite Asbestos Inspector be present to ensure that if any undiscovered suspect asbestos building materials arise, they be addressed appropriately. ASAP is not responsible for inaccessible or hidden building materials. This survey did not include: Soils, underground utilities, drainage systems, inaccessible spaces, inaccessible crawl spaces and inaccessible foundations.

Please feel free to contact me with any questions or for clarification.

Sincerely,



Joseph R. Curley
Asbestos Inspector