

Limited Hazardous Building Materials Inspection Report

719 River Street
Woonsocket, Rhode Island

City of Woonsocket
Woonsocket, Rhode Island

February 2021



FUSS & O'NEILL

Fuss & O'Neill, Inc.
317 Iron Horse Way, Suite 204
Providence, RI 02908



FUSS & O'NEILL

February 8, 2021

Mr. Kevin Proft
City Planner
City of Woonsocket
169 Main Street
Woonsocket, RI 02895

RE: Limited Hazardous Building Materials Inspection
719 River Street, Woonsocket, RI
Fuss & O'Neill Project No. 20181545.B10

Dear Mr. Proft:

Enclosed is the limited hazardous building materials inspection summary report for the inspection conducted at the mill building located at 719 River Street in Woonsocket, Rhode Island.

On January 13 and 14, 2021, a Fuss & O'Neill, Inc. state-certified Asbestos Inspector performed a limited asbestos inspection, a lead-based paint screening, and a fluorescent light ballast and mercury-containing equipment inventory prior to proposed demolition activities.

The information summarized in this report is for the abovementioned materials only. The work was performed in accordance with our written scope of services dated October 7, 2020.

If you should have any questions regarding the contents of the enclosed report, please do not hesitate to contact me at 401.861-3070, extension 4568. Thank you for this opportunity to have served your environmental needs.

Sincerely,

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PJD/rs

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1 Introduction

On January 13 and 14, 2021, Fuss & O'Neill, Inc. (Fuss & O'Neill) representative, Mr. Robert Mallett, performed a limited hazardous building materials inspection prior to proposed demolition activities to occur at the former mill building located at 719 River Street in Woonsocket, Rhode Island (the "Site"). Sampling and laboratory analyses were conducted in accordance with the Standard Operating Procedures for field and laboratory activities as detailed in the United States Environmental Protection Agency and Rhode Island Department of Environmental Management approved Site Specific Quality Assurance Project Revision 0.0 for the project, dated December, 2020

1.1 Scope of Work

The work was performed for the City of Woonsocket (the "Client") in accordance with our written scope of services dated October 7, 2020. This report is subject to the limitations presented in *Appendix A*. The scope of work included the following:

- Limited Asbestos-Containing Materials (ACM) Inspection;
- Lead-Based Paint (LBP) Screening; and
- Fluorescent Light Ballast and Mercury-Containing Equipment Inventory.

The middle section of the complex has a structurally unsound roof, which has led to flooring failures at several areas. The middle section was observed from safe locations, and samples were collected without exposing personnel to questionable structural conditions.

Fuss & O'Neill did not conduct subsurface investigations to identify concealed suspect materials throughout the subject property.

We did not conduct collection and analysis of suspect building materials for polychlorinated biphenyls (PCBs) during this inspection. Sampling for PCBs is presently not mandated by the United States Environmental Protection Agency (EPA); however, liability risk for disposing of PCB-containing wastes exists. Recent knowledge of PCBs within these matrices has become more prevalent, especially with remediation contractors, waste haulers, and disposal facilities. Some property owners have become subject to changes in schedule, scope, and costs as a result of failure to identify PCBs prior to renovation or demolition activities.

2 Limited Asbestos Inspection

A property owner or operator must ensure that a thorough asbestos inspection is performed prior to possible disturbance of suspect ACM during renovation or demolition activities. This is a requirement of the United States Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation located at Title 40 CFR, Part 61, Subpart M.

Fuss & O'Neill conducted the limited inspection of visible and accessible areas. Mr. Mallett is a Rhode Island Department of Health (RIDOH)-licensed Asbestos Inspector. Refer to *Appendix B* for copies of the Asbestos Inspector's state license and EPA accreditation.

2.1 Methodology

The inspection was conducted by visually inspecting for suspect ACM and touching each of the suspect ACM. The suspect ACM were grouped into three EPA NESHAP categories: Friable; Category I Non-Friable, and Category II Non-Friable.

- Friable is defined as material that contains greater than one percent (> 1%) asbestos that, when dry, **can** be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I Non-Friable refers to material that contains > 1% asbestos (i.e., packings, gaskets, resilient floor coverings, and asphalt roofing products) that when dry **cannot** be crumbled, pulverized, or reduced to powder by hand pressure.
- Category II Non-Friable refers to any non-friable material excluding Category I materials that contain > 1% asbestos that when dry **cannot** be crumbled, pulverized, or reduced to powder by hand pressure.

The suspect ACM were also categorized into their applications including: Thermal System Insulation (TSI), Surfacing ACM, and Miscellaneous ACM. TSI includes those materials used to prevent heat loss/gain or water condensation on mechanical systems. Examples of TSI include, but are not limited to, pipe insulation, boiler insulation, duct insulation, mudded pipe fitting insulation, etc. Surfacing ACM includes those ACM that are sprayed-on, troweled-on, or otherwise applied to an existing surface. Surfacing ACM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous ACM include those not listed as TSI or Surfacing ACM, such as sheet flooring, floor tiles, ceiling tiles, caulking, mastics, construction adhesives, etc.

The EPA recommends collecting suspect ACM samples in a manner sufficient to determine asbestos content, and separating suspect ACM into homogenous material types (similar in color, texture, and date of application). The EPA NESHAP regulation does not specifically identify a minimum number of samples to be collected for each homogeneous material, but the NESHAP regulation does recommend the use of sampling protocols included in EPA Title 40 CFR, Part 763, Subpart E: Asbestos Hazard Emergency Response Act (AHERA).

The EPA AHERA regulation requires a specific number of samples be collected based on the material type and quantity present. This regulation includes the following protocol:

1. Surfacing Materials (e.g., plaster, spray-applied fireproofing, etc.) shall be collected in a randomly-distributed manner representing each homogenous area based on the overall quantity as follows:
 - a. At least three (3) bulk samples collected from each homogenous area that is less than or equal to 1,000 square feet.
 - b. At least five (5) bulk samples collected from each homogenous area that is greater than 1,000 square feet but less than or equal to 5,000 square feet.
 - c. At least seven (7) bulk samples collected from each homogenous area that is greater than 5,000 square feet.
2. Thermal System Insulation (e.g., pipe insulation, tank insulation, etc.) shall be collected in a randomly-distributed manner representing each homogenous area. At least three (3) bulk samples shall be collected of each homogenous material type. Also, at least one (1) bulk sample of any patching material applied to TSI, presuming the patched area is less than six linear or square feet, shall be collected.

- Miscellaneous Materials (e.g., floor tile, mastic, cement board, caulking, glazing, etc.) should have at least two (2) bulk samples collected of each homogenous material type. Sample collection shall be conducted in a manner sufficient to determine the asbestos content of the homogenous material type as determined by the inspector.

Suspect ACM samples were collected, and proper chain-of-custody forms were prepared for transmission of collected samples to EMSL Analytical, Inc. (EMSL), for analysis. EMSL is a Rhode Island-licensed and American Industrial Hygiene Association (AIHA)-accredited Asbestos Analytical Laboratory. Initial asbestos sample analysis was conducted using the EPA Interim Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116) via Polarized Light Microscopy with Dispersion Staining (PLM/DS).

The EPA recommends that non-friable, organically-bound (NOB) materials (e.g., asphaltic-based materials, adhesives, caulking, etc.) undergo further confirmatory analysis utilizing Transmission Electron Microscopy (TEM). Five (5) of the collected NOB samples were analyzed by TEM.

2.2 Results

The EPA, the Occupational Safety and Health Administration (OSHA), and RIDOH define a material that contains > 1% asbestos (by PLM/DS analysis) as an ACM.

Refer to **Table 1**, attached, for the complete list of ACM and non-ACM identified by sample identification, material type, sample location, and asbestos content as part of this inspection. Refer to **Table 2**, attached, for the identified ACM inventory.

Refer to *Appendix C* for the asbestos laboratory analytical reports and chain-of-custody form.

2.3 Conclusions & Recommendations

Based on visual observations, sample collection, and laboratory analysis, ACM were identified at the Site.

Prior to disturbance, ACM that would likely be impacted by the proposed demolition activities must first be abated by a RIDOH-licensed Asbestos Contractor. This is a requirement of RIDOH and EPA NESHAP regulations governing asbestos abatement.

Due to the inability to effectively separate some types of multi-layered ACM from non-ACM, these materials are considered asbestos-contaminated and must be managed as ACM for removal and disposal purposes.

If suspect materials are encountered during demolition activities that are not identified in this report as being non-ACM, they shall be assumed to be ACM until laboratory analysis indicates otherwise.

3 Lead-Based Paint Screening

Fuss & O'Neill performed a LBP screening associated with painted building components at the Site that will be disturbed during demolition activities. Fuss & O'Neill used an X-ray fluorescence (XRF) spectrum analyzer to perform the LBP screening. The screening was conducted in accordance with generally-accepted industry standards for non-residential (i.e., not child-occupied) buildings.

3.1 Methodology

A Radiation Monitoring Device Model LPA-1 (Serial Number 1395) was utilized for the LBP screening. The instrument was calibrated according to the manufacturer's Performance Characteristic Sheet (PCS) prior to each use.

For the purpose of this LBP screening, representative, coated building components were tested for LBP. Individual repainting efforts are not always discernable in such a limited program. LBP issues involving properties that are not residential are only regulated to a limited degree for worker protection relating to LBP-disturbing work activities and waste disposal.

Worker protection is regulated by OSHA regulations, as well as RIDOH regulations. These regulations include air monitoring of workers to determine exposure levels when disturbing lead-containing paint. A LBP screening cannot determine a safe level of lead, but is intended to provide guidance for implementing industry standards for lead in paint at identified locations. Contractors may better determine worker exposure to airborne lead by understanding the different concentrations of LBP on representative components and surfaces. Air monitoring can then be performed during activities that disturb paint on representative surfaces.

The EPA Resource Conservation and Recovery Act (RCRA) and RIDOH regulate lead-containing waste disposal. If lead is determined to be present, representative composite samples of the anticipated waste stream must be collected and analyzed using the Toxicity Characteristic Leaching Procedure (TCLP). The results are compared to a threshold value of 5.0 milligrams per liter (mg/L). If TCLP sample analytical results exceed this value, the waste is characterized as hazardous lead waste. If the result is below the threshold value, the waste material is not considered hazardous and may be disposed as construction and demolition debris.

A level of paint exceeding 1.0 milligram of lead per square centimeter (mg/cm²) of surface area is considered toxic or dangerous by EPA and RIDOH. For the purpose of this screening, the level of 1.0 mg/cm² has been utilized as a guide to segregate coated building materials from general demolition debris for disposal purposes.

3.2 XRF Screening Results

The LBP screening indicated consistent painting trends associated with representative building components that will be impacted by demolition activities. Refer to *Appendix D* for the complete list of building components determined to contain levels of lead ≥ 1.0 mg/cm².

3.3 Discussion

OSHA published a Lead in Construction Standard (OSHA Lead Standard) Title 29 CFR, Part 1926.62 in May of 1993. This Standard sets no limit for the content of lead in paint below which the OSHA standards do not apply. The OSHA Lead Standards are task-based and are also based on airborne exposures and blood lead levels.

The results of this LBP screening are intended to provide guidance to contractors for occupational lead exposure controls. Building components coated with lead levels above industry standards may cause exposures to lead above OSHA standards during proposed demolition activities. The results of this screening are also intended to provide insight into waste disposal requirements, in accordance with EPA RCRA regulations. A TCLP sample to characterize the expected waste that will result from demolition activities was not collected as part of this inspection.

3.4 Conclusions & Recommendations

Based on our LBP screening results, LBP was identified on coated building components located at the Site.

Contractors must be made aware that OSHA has not established a level of lead in a material below which OSHA Title 29 CFR, Part 1926.62 does not apply. Contractors shall comply with exposure assessment criteria, interim worker protection, and other requirements of the regulation as necessary to protect workers during any demolition activities that will impact LBP.

During demolition activities, LBP-coated building components should be segregated from the general demolition waste stream for sample collection and analysis by TCLP to determine proper off-site waste disposal. If disturbed and managed off-site, non-porous LBP-coated building materials (i.e., metals) may be segregated and recycled as scrap metal. Metal LBP-coated building components cannot be subject to grinding, sawing, drilling, sanding, or torch cutting.

4 Fluorescent Light Ballasts & Mercury-Containing Equipment

4.1 Fluorescent Light Ballasts

Fluorescent light ballasts manufactured prior to 1979 may contain capacitors that contain PCBs. Light ballasts installed as late as 1985 may contain PCB capacitors. Fluorescent light ballasts that are not labeled as “No PCBs” must be assumed to contain PCBs unless proven otherwise by quantitative analysis. Capacitors in fluorescent light ballasts labeled as non-PCB-containing may contain diethylhexyl phthalate (DEHP). DEHP was the primary substitute to replace PCBs for small capacitors in fluorescent lighting ballasts in use until 1991. DEHP is a toxic substance, a suspected carcinogen, and is listed under RCRA and the Superfund Law as a hazardous waste. Therefore, Superfund liability exists for landfilling both PCB- and DEHP-containing light ballasts. These listed materials are considered hazardous waste under RCRA and require special handling and disposal considerations.

4.2 Mercury-Containing Equipment

Fluorescent lamps/tubes are presumed to contain mercury vapor, which is a hazardous substance to both human health and the environment. Thermostatic controls and electrical switch gear may contain a vial or bulb of liquid mercury associated with the control. Mercury-containing equipment is regulated for proper disposal by EPA RCRA regulations.

4.3 Results

On January 13 and 14, 2021, Mr. Mallett of Fuss & O'Neill performed a visual inspection of representative fluorescent light fixtures to identify possible PCB-containing ballasts in the building. The inspection involved visually inspecting labels on representative light ballasts to identify manufacture dates and labels indicating "No PCBs". Ballasts manufactured after 1991 were not listed as PCB- or DEHP-containing ballasts and were not quantified for disposal. An in-place inventory of the fluorescent lamps/tubes and other mercury-containing equipment was completed concurrently.

During this inspection, 262 DEHP-containing fluorescent light ballasts and 262 eight-foot, mercury-containing light tubes were identified within the Site building.

4.4 Conclusions & Recommendations

DEHP-containing fluorescent light ballasts and mercury-containing equipment were identified within the Site building during this inspection.

Fluorescent light ballasts marked as "No PCBs" with date labels indicating manufacture prior to 1991 are presumed to contain DEHP. DEHP-containing ballasts must be segregated for proper packaging, transporting, and disposal as non-PCB hazardous waste. Note that disposal requirements for DEHP-containing ballasts are slightly varied, and disposal costs are slightly less, when compared to PCB-containing light ballasts.

According to the EPA, mercury-containing equipment is characterized as a hazardous waste and mercury lamps/tubes are characterized as a Universal Waste. The mercury-containing equipment and fluorescent lamps/tubes identified within the Site building must be recycled, reclaimed, or disposed of as hazardous waste or Universal Waste prior to building demolition.

This report is not intended to be utilized as a bidding or a project specification document. This report is designed to aid the Client in locating hazardous building materials.

Report prepared by Environmental Analyst, Madelyn Sampson.

Reviewed by:



Dustin A. Diedricksen
Associate | Department Manager

Tables

Table 1
Suspect Asbestos-Containing Materials Laboratory Analytical Data Summary

719 River Street
Woonsocket, Rhode Island

City of Woonsocket
 February 2021
 Fuss & O'Neill Reference No. 20181545.B10

| Sample Number | Material Type | NESHAP Category | Sample Location | Result | Comments |
|---------------|----------------------------------------------------------|-----------------|---------------------------------------------|----------------|----------|
| 01A-RM-0113 | 9" x 9" Green Floor Tile | Cat 1 NF | 1st Floor, D/A-Side Room | 5% Chrysotile | |
| 01B-RM-0113 | 9" x 9" Green Floor Tile | Cat 1 NF | 1st Floor, D/A-Side Room | Pos Stop | |
| 02A-RM-0113 | Black Mastic Associated with 9" x 9" Green Floor Tile | Non-ACM | 1st Floor, D/A-Side Room | ND | TEM |
| 02B-RM-0113 | Black Mastic Associated with 9" x 9" Green Floor Tile | Non-ACM | 1st Floor, D/A-Side Room | ND | |
| 03A-RM-0113 | Black Floor Paper Associated with Raised Flooring | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 03B-RM-0113 | Black Floor Paper Associated with Raised Flooring | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 04A-RM-0113 | Brown Floor Paper | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 04B-RM-0113 | Brown Floor Paper | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 05A-RM-0113 | 1' x 1' White Nailed Ceiling Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 05B-RM-0113 | 1' x 1' White Nailed Ceiling Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 06A-RM-0113 | 9" x 9" Tan Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse | 6% Chrysotile | |
| 06B-RM-0113 | 9" x 9" Tan Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse | Pos Stop | |
| 07A-RM-0113 | Brown Mastic Associated with 9" x 9" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | TEM |
| 07B-RM-0113 | Brown Mastic Associated with 9" x 9" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 08A-RM-0113 | 9" x 9" Brown Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse | 10% Chrysotile | |
| 08B-RM-0113 | 9" x 9" Brown Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse | Pos Stop | |
| 09A-RM-0113 | Brown Mastic Associated with 9" x 9" Brown Floor Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 09B-RM-0113 | Brown Mastic Associated with 9" x 9" Brown Floor Tile | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 10A-RM-0113 | White Wall Tiles | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 10B-RM-0113 | White Wall Tiles | Non-ACM | 1st Floor, Southern Warehouse | ND | |
| 11A-RM-0113 | 12" x 12" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 11B-RM-0113 | 12" x 12" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 12A-RM-0113 | Black Mastic Associated with 12" x 12" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | TEM |
| 12B-RM-0113 | Black Mastic Associated with 12" x 12" Tan Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 13A-RM-0113 | White Floor Leveling Compound on Hardwood | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 13B-RM-0113 | White Floor Leveling Compound on Hardwood | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 14A-RM-0113 | 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 14B-RM-0113 | 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 15A-RM-0113 | Yellow Adhesive Associated with 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |

Table 1
Suspect Asbestos-Containing Materials Laboratory Analytical Data Summary

| Sample Number | Material Type | NESHAP Category | Sample Location | Result | Comments |
|--------------------|----------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------|-----------------------|----------|
| 15B-RM-0113 | Yellow Adhesive Associated with 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 16A-RM-0113 | White Joint Compound | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 16B-RM-0113 | White Joint Compound | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 17A-RM-0113 | Gray Gypsum Wallboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 17B-RM-0113 | Gray Gypsum Wallboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 18A-RM-0113 | Brown Masonite Wall Panel Adhesive | Cat 2 NF | 1st Floor, Southern Warehouse, Office Areas, Bathroom | 2% Chrysotile | |
| 18B-RM-0113 | Brown Masonite Wall Panel Adhesive | Cat 2 NF | 1st Floor, Southern Warehouse, Office Areas, Bathroom | Pos Stop | |
| 19A-RM-0113 | 4" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 19B-RM-0113 | 4" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 20A-RM-0113 | Tan Adhesive Associated with 4" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 20B-RM-0113 | Tan Adhesive Associated with 4" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 21A-RM-0113 | 6" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 21B-RM-0113 | 6" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 22A-RM-0113 | Tan Adhesive Associated with 6" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 22B-RM-0113 | Tan Adhesive Associated with 6" Black Vinyl Baseboard | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 23A-RM-0113 | Tan Linoleum Flooring | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 23B-RM-0113 | Tan Linoleum Flooring | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 24A-RM-0113 | Brown Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, Common Area | 4% Chrysotile | |
| 24B-RM-0113 | Brown Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, Common Area | Pos Stop | |
| 25A-RM-0113 | Black Mastic Associated with Brown Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 25B-RM-0113 | Black Mastic Associated with Brown Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 26A-RM-0113 | Brown Square-Patterned Linoleum Flooring | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | 25% Chrysotile | |
| 26B-RM-0113 | Brown Square-Patterned Linoleum Flooring | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | Pos Stop | |
| 27A-RM-0113 | Brown Adhesive Associated with Brown Square-Patterned Linoleum | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | ND | |
| 27B-RM-0113 | Brown Adhesive Associated with Brown Square-Patterned Linoleum | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | ND | |
| 28A-RM-0113 | Yellow Adhesive Associated with Tan Linoleum Flooring | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 28B-RM-0113 | Yellow Adhesive Associated with Tan Linoleum Flooring | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area | ND | |
| 29A-RM-0113 | Rectangle White Ceiling Panel | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | ND | |
| 29B-RM-0113 | Rectangle White Ceiling Panel | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-Side Room | ND | |
| 30A-RM-0113 | 12" x 12" Dotted Ceiling Panel | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 30B-RM-0113 | 12" x 12" Dotted Ceiling Panel | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 31A-RM-0113 | Green Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, A-Side Room | 5% Chrysotile | |
| 31B-RM-0113 | Green Floor Tile | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, A-Side Room | Pos Stop | |

Table 1
Suspect Asbestos-Containing Materials Laboratory Analytical Data Summary

| Sample Number | Material Type | NESHAP Category | Sample Location | Result | Comments |
|---------------|-----------------------------------------------------|-----------------|--------------------------------------------------------------------------------|-----------------------|----------|
| 32A-RM-0113 | Black Mastic Associated with Green Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Room | ND | |
| 32B-RM-0113 | Black Mastic Associated with Green Floor Tile | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Room | ND | |
| 33A-RM-0113 | Tan Wall Panel Adhesive Associated with Wood Panels | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Room, D-Side Room | ND | |
| 33B-RM-0113 | Tan Wall Panel Adhesive Associated with Wood Panels | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Room, D-Side Room | ND | |
| 34A-RM-0113 | Black Flooring Strip | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, A-Side Room, D-Side Closet | 2% Chrysotile | |
| 34B-RM-0113 | Black Flooring Strip | Cat 1 NF | 1st Floor, Southern Warehouse, Office Areas, A-Side Room, D-Side Closet | Pos Stop | |
| 35A-RM-0113 | White Pipe Insulation | RACM | Basement, Storage Closet | 80% Chrysotile | |
| 35B-RM-0113 | White Pipe Insulation | RACM | Basement, Storage Closet | Pos Stop | |
| 35C-RM-0113 | White Pipe Insulation | RACM | Basement, Storage Closet | Pos Stop | |
| 36A-RM-0113 | Tan Window Caulking | Cat 2 NF | Exterior, Basement Windows | 5% Chrysotile | |
| 36B-RM-0113 | Tan Window Caulking | Cat 2 NF | Exterior, Basement Windows | Pos Stop | |
| 37A-RM-0113 | Brown Floor Paper | Non-ACM | 2nd Floor, Southern Warehouse | ND | |
| 37B-RM-0113 | Brown Floor Paper | Non-ACM | 2nd Floor, Southern Warehouse | ND | |
| 38A-RM-0113 | White Interior Window Glazing Compound | Non-ACM | 2nd Floor, Southern Warehouse | ND | TEM |
| 38B-RM-0113 | White Interior Window Glazing Compound | Non-ACM | 2nd Floor, Southern Warehouse | ND | |
| 39A-RM-0113 | Black Built-Up Roofing - Tar | Non-ACM | Lower Roof, above Main Entrance | ND | |
| 39B-RM-0113 | Black Built-Up Roofing - Tar | Non-ACM | Lower Roof, above Main Entrance | ND | |
| 40A-RM-0113 | Black Built-Up Roofing - Felt | Non-ACM | Lower Roof, above Main Entrance | ND | |
| 40B-RM-0113 | Black Built-Up Roofing - Felt | Non-ACM | Lower Roof, above Main Entrance | ND | |
| 41A-RM-0113 | Black Built-Up Roofing - Tar | Cat 1 NF | Southeast Roof | 10% Chrysotile | |
| 41B-RM-0113 | Black Built-Up Roofing - Tar | Cat 1 NF | Southeast Roof | Pos Stop | |
| 42A-RM-0113 | Black Built-Up Roofing - Felt | Not Analyzed | Southeast Roof | Not Analyzed | |
| 42B-RM-0113 | Black Built-Up Roofing - Felt | Not Analyzed | Southeast Roof | Not Analyzed | |
| 43A-RM-0113 | Black Built-Up Roofing - Tar | Non-ACM | Collapsed Roof Section (Warehouse) | ND | |
| 43B-RM-0113 | Black Built-Up Roofing - Tar | Non-ACM | Collapsed Roof Section (Warehouse) | ND | |
| 44A-RM-0113 | Black Built-Up Roofing - Felt | Non-ACM | Collapsed Roof Section (Warehouse) | ND | |
| 44B-RM-0113 | Black Built-Up Roofing - Felt | Non-ACM | Collapsed Roof Section (Warehouse) | ND | |
| 45A-RM-0113 | Black Floor Paper | Non-ACM | 2nd Floor, Collapsed Roof Section | ND | |
| 45B-RM-0113 | Black Floor Paper | Non-ACM | 2nd Floor, Collapsed Roof Section | ND | |
| 46A-RM-0113 | Black Roofing Debris | Non-ACM | Collapsed Roof Section (Middle Section) | ND | |
| 46B-RM-0113 | Black Roofing Debris | Non-ACM | Collapsed Roof Section (Middle Section) | ND | |
| 47A-RM-0113 | Reinforced Concrete Panel | Cat 2 NF | 1st Floor, Collapsed Roof Section, Debris Pile | 15% Chrysotile | |
| 47B-RM-0113 | Reinforced Concrete Panel | Cat 2 NF | 1st Floor, Collapsed Roof Section, Debris Pile | Pos Stop | |

Table 1
Suspect Asbestos-Containing Materials Laboratory Analytical Data Summary

| Sample Number | Material Type | NESHAP Category | Sample Location | Result | Comments |
|---------------|----------------------------------------------------------|-----------------|-----------------------------------------------------|---------------|----------|
| 48A-RM-0113 | Black Roofing Debris | Cat 1 NF | 1st Floor, Northern Warehouse, Debris Pile | 5% Chrysotile | |
| 48B-RM-0113 | Black Roofing Debris | Cat 1 NF | 1st Floor, Northern Warehouse, Debris Pile | Pos Stop | |
| 49A-RM-0113 | 12" x 12" Brown Floor Tile | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 49B-RM-0113 | 12" x 12" Brown Floor Tile | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 50A-RM-0113 | Yellow Mastic Associated with 12" x 12" Brown Floor Tile | Non-ACM | 1st Floor, Northern Warehouse | ND | TEM |
| 50B-RM-0113 | Yellow Mastic Associated with 12" x 12" Brown Floor Tile | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 51A-RM-0113 | 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 51B-RM-0113 | 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 52A-RM-0113 | Yellow Adhesive Associated with 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 52B-RM-0113 | Yellow Adhesive Associated with 4" Brown Vinyl Baseboard | Non-ACM | 1st Floor, Northern Warehouse | ND | |
| 53A-RM-0113 | Tan Wall Panel Adhesive | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 53B-RM-0113 | Tan Wall Panel Adhesive | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 54A-RM-0113 | White Joint Compound | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 54B-RM-0113 | White Joint Compound | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 54C-RM-0113 | White Joint Compound | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 55A-RM-0113 | Gray Gypsum Board | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 55B-RM-0113 | Gray Gypsum Board | Non-ACM | 1st Floor, Northern Warehouse, Office Area, Hallway | ND | |
| 56A-RM-0113 | Black Siding Paper | Non-ACM | Exterior, A-Side | ND | |
| 56B-RM-0113 | Black Siding Paper | Non-ACM | Exterior, A-Side | ND | |
| 57A-RM-0113 | Gray Parging Cement | Non-ACM | Exterior, Debris, A-Side | ND | |
| 57B-RM-0113 | Gray Parging Cement | Non-ACM | Exterior, Debris, A-Side | ND | |
| 58A-RM-0113 | White Skim Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 58B-RM-0113 | White Skim Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 58C-RM-0113 | White Skim Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 59A-RM-0113 | Gray Rough Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 59B-RM-0113 | Gray Rough Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 59C-RM-0113 | Gray Rough Coat Plaster | Non-ACM | Exterior, Debris, A-Side | ND | |
| 60A-RM-0113 | Gray Ceramic Floor Tile Grout | Non-ACM | Exterior, Debris, A-Side | ND | |
| 60B-RM-0113 | Gray Ceramic Floor Tile Grout | Non-ACM | Exterior, Debris, A-Side | ND | |
| 61A-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris, A-Side | ND | |
| 61B-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris, A-Side | ND | |
| 61C-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris, A-Side | ND | |
| 61D-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris, A-Side | ND | |

Table 1
Suspect Asbestos-Containing Materials Laboratory Analytical Data Summary

| Sample Number | Material Type | NESHAP Category | Sample Location | Result | Comments |
|--------------------|---------------------------------------------------|-----------------|-------------------------------------------------------------|----------------------|----------|
| 62A-RM-0113 | Yellow Adhesive Associated with Window Sill Paper | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Windows | ND | |
| 62B-RM-0113 | Yellow Adhesive Associated with Window Sill Paper | Non-ACM | 1st Floor, Southern Warehouse, Office Areas, A-Side Windows | ND | |
| 63A-RM-0113 | White Interior Window Glazing Compound | Cat 2 NF | 1st Floor, Northern Warehouse | 2% Chrysotile | |
| 63B-RM-0113 | White Interior Window Glazing Compound | Cat 2 NF | 1st Floor, Northern Warehouse | Pos Stop | |
| 64A-RM-0113 | Gray Ceramic Floor Tile Thin-Set Mortar | Non-ACM | Exterior, Debris Pile, B-Side | ND | |
| 64B-RM-0113 | Gray Ceramic Floor Tile Thin-Set Mortar | Non-ACM | Exterior, Debris Pile, B-Side | ND | |
| 65A-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris Pile, B-Side | ND | |
| 65B-RM-0113 | Black Roofing Debris | Non-ACM | Exterior, Debris Pile, B-Side | ND | |
| 66A-RM-0113 | Yellow Wall Panel Adhesive | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |
| 66B-RM-0113 | Yellow Wall Panel Adhesive | Non-ACM | 1st Floor, Southern Warehouse, Office Areas | ND | |

ACM = Asbestos-Containing Material

ND = None Detected

Pos Stop = Positive Stop

RACM = Regulated Asbestos-Containing Material

TEM = Transmission Electron Microscopy

Note: Perimeter wall sides are identified with letter A, B, C, and D. Side A is the street side for the address. Side, B, C, and D are identified clockwise from Side A as one faces the Site building.

Table 2
Asbestos-Containing Materials Summary

719 River Street
Woonsocket, Rhode Island

City of Woonsocket
February 2021
Fuss & O'Neill Reference No. 20181545.B10

| Asbestos-Containing Material Type | Locations(s) | Asbestos Content | Estimated Total Quantity |
|------------------------------------------|--------------------------------------------|------------------|--------------------------|
| 9" x 9" Green Floor Tile | South Building, Office Area | 5% Chrysotile | 2,000 SF |
| 9" x 9" Tan Floor Tile | | 6% Chrysotile | |
| 9" x 9" Brown Floor Tile | | 10% Chrysotile | |
| Brown Floor Tile | | 4% Chrysotile | |
| Brown Square-Patterned Linoleum Flooring | | 25% Chrysotile | |
| Green Floor Tile | | 5% Chrysotile | |
| Black Flooring Strip | | 2% Chrysotile | |
| Brown Masonite Wall Panel Adhesive | South Building, Office Area Bathrooms | 2% Chrysotile | 300 SF |
| White Pipe Insulation | Basement, Storage Closet | 80% Chrysotile | 15 LF |
| Tan Window Caulking | South Building | 5% Chrysotile | 40 EA |
| Black Built-Up Roofing - Tar | Southeast Roof | 10% Chrysotile | 8,500 SF |
| Reinforced Concrete Panel | 1st Floor, Northern Warehouse, Debris Pile | 15% Chrysotile | 375 CY |
| Black Roofing Debris | 1st Floor, Northern Warehouse, Debris Pile | 5% Chrysotile | |
| White Interior Window Glazing Compound | 1st Floor, Northern Warehouse | 2% Chrysotile | 10 EA |

CY = Cubic Yard; EA = Each, LF = Linear Feet, SF = Square Feet

Appendix A

Limitations

APPENDIX A

719 River Street Woonsocket, Rhode Island

1. This environmental report has been prepared for the exclusive use of the Client, and is subject to, and is issued in connection with, the general terms and conditions of the original Agreement (October 7, 2020) and all of its provisions. Any use or reliance upon information provided in this report, without the specific written authorization of the Client and Fuss & O'Neill, shall be at the User's individual risk. This report should not be used as an abatement specification. All quantities of materials identified during this inspection are approximate.
2. Fuss & O'Neill has obtained and relied upon laboratory analytical results in conducting the inspection. This information was used to form conclusions regarding the types and quantities of ACM that must be managed prior to renovation or demolition activities that may disturb these materials at the subject property. Fuss & O'Neill has not performed an independent review of the reliability of this laboratory data.
3. Unless otherwise noted, only suspect hazardous materials associated within or located on the building (aboveground) were included in this inspection. Suspect hazardous materials may exist below the ground surfaces that were not included in the scope of work of this inspection. Fuss & O'Neill cannot guarantee all asbestos or suspect hazardous materials were identified within the areas included in the scope of work. Only visible and accessible areas were included in the scope of work for this inspection.
4. The findings, observations, and conclusions presented in this report are limited by the scope of services outlined in our original Agreement, which reflects schedule and budgetary constraints imposed by the Client. Furthermore, the assessment has been conducted in accordance with generally accepted environmental practices. No other warranty, expressed or implied, is made.
5. The conclusions presented in this report are based solely upon information gathered by Fuss & O'Neill to date. Should further environmental or other relevant information be discovered at a later date, the Client should immediately bring the information to Fuss & O'Neill's attention. Based upon an evaluation and assessment of relevant information, Fuss & O'Neill may modify the report and its conclusions.

Appendix B

Fuss & O'Neill Asbestos Inspector State Certification & EPA Accreditation

Rhode Island Department of Health

Asbestos Program

Asbestos Inspector

ROBERT C MALLET

Exp. Date: 04/30/2021

License #: A100978

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





State of Rhode Island and Providence Plantations
DEPARTMENT OF HEALTH
CENTER FOR HEALTHY HOMES & ENVIRONMENT – ASBESTOS PROGRAM

ASBESTOS CONSULTANT CERTIFICATION

Pursuant to the Asbestos Abatement Act, Chapter 24.5 of Title 23 of the Rhode Island General Laws, and Regulation 216-RICR-50-15-1 – Asbestos Control, this license is hereby issued as designated below. This license is subject to all applicable rules, regulations, orders and notices of the Department of Health now or hereafter in effect and to any conditions delineated below.

Certificate Holder: ROBERT C MALLETT
Address: FUSS AND ONEILL ENVIROSCIENCE LLC
108 MYRTLE ST STE 502
QUINCY MA 02171

Certification Number: AI00978
Type of Certification: Asbestos Inspector
Expiration Date: 04/30/2021

Except as specifically provided otherwise in this Certificate, Certificate holders shall conduct their program in accordance with statements, procedures and representations contained in their application, including any attachments. Regulation 216-RICR-50-15-1 - Asbestos Control shall govern unless the statements, representations and procedures in the Certificate Holder's application and documentation are more restrictive than the regulations.

Raquel Barrera
Sr. Community Program Liaison Worker
Healthy Homes and Environment

Appendix C

Asbestos Laboratory Analytical Reports & Chain-of-Custody Forms



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

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

EMSL Order: 132100449

Customer ID: ENVI54

Customer PO: 20181545.B10

Project ID:

Attention: Robert Mallett
Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469

Fax:

Received Date: 01/18/2021 8:40 AM

Analysis Date: 01/22/2021 - 01/23/2021

Collected Date: 01/13/2021

Project: 20181545.B10 - 719 River Street; Woonsocket, RI

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 |
| 01A-RM-0113 <small>132100449-0001</small> | 1st Floor, D/A-side Room - 9"x9" Green Floor Tile | Green Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 01B-RM-0113 <small>132100449-0002</small> | 1st Floor, D/A-side Room - 9"x9" Green Floor Tile | | | | Positive Stop (Not Analyzed) |
| 02A-RM-0113 <small>132100449-0003</small> | 1st Floor, D/A-side Room - Black Mastic Assoc. w/ 01 | Black Non-Fibrous Homogeneous | 10% Cellulose 2% Glass | 88% Non-fibrous (Other) | None Detected |
| 02B-RM-0113 <small>132100449-0004</small> | 1st Floor, D/A-side Room - Black Mastic Assoc. w/ 01 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 03A-RM-0113 <small>132100449-0005</small> | 1st Floor, Southern Warehouse - Black Floor Paper Assoc. w/ Raised Flooring | Black Non-Fibrous Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 03B-RM-0113 <small>132100449-0006</small> | 1st Floor, Southern Warehouse - Black Floor Paper Assoc. w/ Raised Flooring | Black Non-Fibrous Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 04A-RM-0113 <small>132100449-0007</small> | 1st Floor, Southern Warehouse - Brown Floor Paper | Brown Non-Fibrous Homogeneous | 95% Cellulose 2% Glass | 3% Non-fibrous (Other) | None Detected |
| 04B-RM-0113 <small>132100449-0008</small> | 1st Floor, Southern Warehouse - Brown Floor Paper | Brown Non-Fibrous Homogeneous | 90% Cellulose 3% Glass | 7% Non-fibrous (Other) | None Detected |
| 05A-RM-0113 <small>132100449-0009</small> | 1st Floor, Southern Warehouse - 1'x1' White Nailed Ceiling Tile | White Non-Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 05B-RM-0113 <small>132100449-0010</small> | 1st Floor, Southern Warehouse - 1'x1' White Nailed Ceiling Tile | White Non-Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 06A-RM-0113 <small>132100449-0011</small> | 1st Floor, Southern Warehouse - 9"x9" Tan Floor Tile | Tan Non-Fibrous Homogeneous | | 94% Non-fibrous (Other) | 6% Chrysotile |
| 06B-RM-0113 <small>132100449-0012</small> | 1st Floor, Southern Warehouse - 9"x9" Tan Floor Tile | | | | Positive Stop (Not Analyzed) |
| 07A-RM-0113 <small>132100449-0013</small> | 1st Floor, Southern Warehouse - Brown Mastic Assoc. w/ 06 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 07B-RM-0113 <small>132100449-0014</small> | 1st Floor, Southern Warehouse - Brown Mastic Assoc. w/ 06 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 08A-RM-0113 <small>132100449-0015</small> | 1st Floor, Southern Warehouse - 9"x9" Brown Floor Tile | Brown Non-Fibrous Homogeneous | | 90% Non-fibrous (Other) | 10% Chrysotile |

Initial report from: 01/23/2021 14:57:30



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

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

EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 08B-RM-0113 <small>132100449-0016</small> | 1st Floor, Southern Warehouse - 9"x9" Brown Floor Tile | | | | Positive Stop (Not Analyzed) |
| 09A-RM-0113 <small>132100449-0017</small> | 1st Floor, Southern Warehouse - Brown Mastic Assoc. w/ 08 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 09B-RM-0113 <small>132100449-0018</small> | 1st Floor, Southern Warehouse - Brown Mastic Assoc. w/ 08 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 10A-RM-0113 <small>132100449-0019</small> | 1st Floor, Southern Warehouse - White Wall Tiles | White Non-Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 10B-RM-0113 <small>132100449-0020</small> | 1st Floor, Southern Warehouse - White Wall Tiles | White Non-Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 11A-RM-0113 <small>132100449-0021</small> | 1st Floor, Southern Warehouse, Office Areas - 12"x12" Tan Floor Tile | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 11B-RM-0113 <small>132100449-0022</small> | 1st Floor, Southern Warehouse, Office Areas - 12"x12" Tan Floor Tile | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 12A-RM-0113 <small>132100449-0023</small> | 1st Floor, Southern Warehouse, Office Areas - Black Mastic Assoc. w/ 11 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 12B-RM-0113 <small>132100449-0024</small> | 1st Floor, Southern Warehouse, Office Areas - Black Mastic Assoc. w/ 11 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 13A-RM-0113 <small>132100449-0025</small> | 1st Floor, Southern Warehouse, Office Areas - White Floor Leveling Compound on Hardwood | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 13B-RM-0113 <small>132100449-0026</small> | 1st Floor, Southern Warehouse, Office Areas - White Floor Leveling Compound on Hardwood | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 14A-RM-0113 <small>132100449-0027</small> | 1st Floor, Southern Warehouse, Office Areas - 4" Brown Vinyl Baseboard | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 14B-RM-0113 <small>132100449-0028</small> | 1st Floor, Southern Warehouse, Office Areas - 4" Brown Vinyl Baseboard | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 15A-RM-0113 <small>132100449-0029</small> | 1st Floor, Southern Warehouse, Office Areas - Yellow Adhesive Assoc. w/ 14 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 15B-RM-0113 <small>132100449-0030</small> | 1st Floor, Southern Warehouse, Office Areas - Yellow Adhesive Assoc. w/ 14 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 01/23/2021 14:57:30



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Tel/Fax: (781) 933-8411 / (781) 933-8412

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

EMSL Order: 132100449

Customer ID: ENVI54

Customer PO: 20181545.B10

Project ID:

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 |
| 16A-RM-0113 132100449-0031 | 1st Floor, Southern Warehouse, Office Areas - White Joint Compound | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 16B-RM-0113 132100449-0032 | 1st Floor, Southern Warehouse, Office Areas - White Joint Compound | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 17A-RM-0113 132100449-0033 | 1st Floor, Southern Warehouse, Office Areas - Gray Gypsum Wallboard | Brown/Gray Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| 17B-RM-0113 132100449-0034 | 1st Floor, Southern Warehouse, Office Areas - Gray Gypsum Wallboard | Brown/Gray Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| 18A-RM-0113 132100449-0035 | 1st Floor, Southern Warehouse, Office Areas, Bathroom - Brown Masonite Wall Panel Adhesive | Brown Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 18B-RM-0113 132100449-0036 | 1st Floor, Southern Warehouse, Office Areas, Bathroom - Brown Masonite Wall Panel Adhesive | | | | Positive Stop (Not Analyzed) |
| 19A-RM-0113 132100449-0037 | 1st Floor, Southern Warehouse, Office Areas - 4" Black Vinyl Baseboard | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 19B-RM-0113 132100449-0038 | 1st Floor, Southern Warehouse, Office Areas - 4" Black Vinyl Baseboard | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 20A-RM-0113 132100449-0039 | 1st Floor, Southern Warehouse, Office Areas - Tan Adhesive Assoc. w/ 19 | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 20B-RM-0113 132100449-0040 | 1st Floor, Southern Warehouse, Office Areas - Tan Adhesive Assoc. w/ 19 | Brown/Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 21A-RM-0113 132100449-0041 | 1st Floor, Southern Warehouse, Office Areas - 6" Black Vinyl Baseboard | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 21B-RM-0113 132100449-0042 | 1st Floor, Southern Warehouse, Office Areas - 6" Black Vinyl Baseboard | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 22A-RM-0113 132100449-0043 | 1st Floor, Southern Warehouse, Office Areas - Tan Adhesive Assoc. w/ 21 | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 22B-RM-0113 132100449-0044 | 1st Floor, Southern Warehouse, Office Areas - Tan Adhesive Assoc. w/ 21 | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 01/23/2021 14:57:30



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5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

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

EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 23A-RM-0113 132100449-0045 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Tan Linoleum Flooring | Tan Non-Fibrous Homogeneous | 35% Cellulose 5% Glass | 60% Non-fibrous (Other) | None Detected |
| 23B-RM-0113 132100449-0046 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Tan Linoleum Flooring | Tan Non-Fibrous Homogeneous | 35% Cellulose 5% Glass | 60% Non-fibrous (Other) | None Detected |
| 24A-RM-0113 132100449-0047 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Brown Floor Tile | Brown Non-Fibrous Homogeneous | | 96% Non-fibrous (Other) | 4% Chrysotile |
| 24B-RM-0113 132100449-0048 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Brown Floor Tile | | | | Positive Stop (Not Analyzed) |
| 25A-RM-0113 132100449-0049 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Black Mastic Assoc. w/ 24 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 25B-RM-0113 132100449-0050 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Black Mastic Assoc. w/ 24 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 26A-RM-0113 132100449-0051 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Brown Square Patterned Linoleum | Brown Non-Fibrous Homogeneous | 40% Cellulose | 35% Non-fibrous (Other) | 25% Chrysotile |
| 26B-RM-0113 132100449-0052 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Brown Square Patterned Linoleum | | | | Positive Stop (Not Analyzed) |
| 27A-RM-0113 132100449-0053 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Brown Adhesive Assoc. w/ 26 | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 27B-RM-0113 132100449-0054 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Brown Adhesive Assoc. w/ 26 | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 28A-RM-0113 132100449-0055 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Yellow Adhesive Assoc. w/ 23 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 01/23/2021 14:57:30



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

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

EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 28B-RM-0113 132100449-0056 | 1st Floor, Southern Warehouse, Office Areas, Common Area - Yellow Adhesive Assoc. w/ 23 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 29A-RM-0113 132100449-0057 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Rectangle White Ceiling Panel | White Non-Fibrous Homogeneous | 50% Cellulose 40% Min. Wool | 10% Non-fibrous (Other) | None Detected |
| 29B-RM-0113 132100449-0058 | 1st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room - Rectangle White Ceiling Panel | White Fibrous Homogeneous | 50% Cellulose 40% Min. Wool | 10% Non-fibrous (Other) | None Detected |
| 30A-RM-0113 132100449-0059 | 1st Floor, Southern Warehouse, Office Areas - 12"x12" Dotted Ceiling Panel | White Non-Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 30B-RM-0113 132100449-0060 | 1st Floor, Southern Warehouse, Office Areas - 12"x12" Dotted Ceiling Panel | White Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| 31A-RM-0113 132100449-0061 | 1st Floor, Southern Warehouse, Office Areas, A-side Room - Green Floor Tile | Green Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 31B-RM-0113 132100449-0062 | 1st Floor, Southern Warehouse, Office Areas, A-side Room - Green Floor Tile | | | | Positive Stop (Not Analyzed) |
| 32A-RM-0113 132100449-0063 | 1st Floor, Southern Warehouse, Office Areas, A-side Room - Black Mastic Assoc. w/ 31 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 32B-RM-0113 132100449-0064 | 1st Floor, Southern Warehouse, Office Areas, A-side Room - Black Mastic Assoc. w/ 31 | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 33A-RM-0113 132100449-0065 | 1st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Room - Tan Wall Panel Adhesive Assoc. w/ Wood Panels | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 33B-RM-0113 132100449-0066 | 1st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Room - Tan Wall Panel Adhesive Assoc. w/ Wood Panels | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 01/23/2021 14:57:30



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EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 34A-RM-0113 <small>132100449-0067</small> | 1st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Closet - Black Flooring Strip | Black Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 34B-RM-0113 <small>132100449-0068</small> | 1st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Closet - Black Flooring Strip | | | | Positive Stop (Not Analyzed) |
| 35A-RM-0113 <small>132100449-0069</small> | Basement, Storage Closet - White Pipe Insulation | White Fibrous Homogeneous | | 20% Non-fibrous (Other) | 80% Chrysotile |
| 35B-RM-0113 <small>132100449-0070</small> | Basement, Storage Closet - White Pipe Insulation | | | | Positive Stop (Not Analyzed) |
| 35C-RM-0113 <small>132100449-0071</small> | Basement, Storage Closet - White Pipe Insulation | | | | Positive Stop (Not Analyzed) |
| 36A-RM-0113 <small>132100449-0072</small> | Exterior, Basement Windows - Tan Window Caulking | Tan Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 36B-RM-0113 <small>132100449-0073</small> | Exterior, Basement Windows - Tan Window Caulking | | | | Positive Stop (Not Analyzed) |
| 37A-RM-0113 <small>132100449-0074</small> | 2nd Floor, Southern Warehouse - Brown Floor Paper | Tan Fibrous Homogeneous | 95% Cellulose | 5% Non-fibrous (Other) | None Detected |
| 37B-RM-0113 <small>132100449-0075</small> | 2nd Floor, Southern Warehouse - Brown Floor Paper | Tan Fibrous Homogeneous | 95% Cellulose | 5% Non-fibrous (Other) | None Detected |
| 38A-RM-0113 <small>132100449-0076</small> | 2nd Floor, Southern Warehouse - White Interior Window Glazing | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 38B-RM-0113 <small>132100449-0077</small> | 2nd Floor, Southern Warehouse - White Interior Window Glazing | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 39A-RM-0113 <small>132100449-0078</small> | Lower Roof, Above Main Entrance - Black Built-up Roofing - Tar | Black Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 39B-RM-0113 <small>132100449-0079</small> | Lower Roof, Above Main Entrance - Black Built-up Roofing - Tar | Black Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 40A-RM-0113 <small>132100449-0080</small> | Lower Roof, Above Main Entrance - Black Built-up Roofing - Felt | Black Fibrous Homogeneous | 20% Glass | 80% Non-fibrous (Other) | None Detected |
| 40B-RM-0113 <small>132100449-0081</small> | Lower Roof, Above Main Entrance - Black Built-up Roofing - Felt | Black Fibrous Homogeneous | 20% Glass | 80% Non-fibrous (Other) | None Detected |
| 41A-RM-0113 <small>132100449-0082</small> | Southeast Roof - Black Built-up Roofing - Tar | Black Non-Fibrous Homogeneous | | 90% Non-fibrous (Other) | 10% Chrysotile |
| 41B-RM-0113 <small>132100449-0083</small> | Southeast Roof - Black Built-up Roofing - Tar | | | | Positive Stop (Not Analyzed) |

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EMSL Order: 132100449

Customer ID: ENVI54

Customer PO: 20181545.B10

Project ID:

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 |
| 42A-RM-0113 132100449-0084 | Southeast Roof - Black Built-up Roofing - Felt | | | | Insufficient Material |
| 42B-RM-0113 132100449-0085 | Southeast Roof - Black Built-up Roofing - Felt | | | | Insufficient Material |
| 43A-RM-0113 132100449-0086 | Collapsed Roof Section - Black Built-up Roofing - Tar | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 43B-RM-0113 132100449-0087 | Collapsed Roof Section - Black Built-up Roofing - Tar | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 44A-RM-0113 132100449-0088 | Collapsed Roof Section - Black Built-up Roofing - Felt | Black Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 44B-RM-0113 132100449-0089 | Collapsed Roof Section - Black Built-up Roofing - Felt | Black Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 45A-RM-0113 132100449-0090 | 2nd Floor, Collapsed Roof Section - Black Floor Paper | Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| 45B-RM-0113 132100449-0091 | 2nd Floor, Collapsed Roof Section - Black Floor Paper | Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| 46A-RM-0113 132100449-0092 | Collapsed Roof Section - Black Roofing Debris | Black Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 46B-RM-0113 132100449-0093 | Collapsed Roof Section - Black Roofing Debris | Black Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 47A-RM-0113 132100449-0094 | 1st Floor, Collapsed Roof Section, Debris Pile - Reinforced Concrete Panel | Gray Fibrous Homogeneous | | 85% Non-fibrous (Other) | 15% Chrysotile |
| 47B-RM-0113 132100449-0095 | 1st Floor, Collapsed Roof Section, Debris Pile - Reinforced Concrete Panel | | | | Positive Stop (Not Analyzed) |
| 48A-RM-0113 132100449-0096 | 1st Floor, Nothern Warehouse, Debris Pile - Black Roofing Debris | Black Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 48B-RM-0113 132100449-0097 | 1st Floor, Nothern Warehouse, Debris Pile - Black Roofing Debris | | | | Positive Stop (Not Analyzed) |
| 49A-RM-0113 132100449-0098 | 1st Floor, Nothern Warehouse - 12"x12" Brown Floor Tile | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 49B-RM-0113 132100449-0099 | 1st Floor, Nothern Warehouse - 12"x12" Brown Floor Tile | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 50A-RM-0113 132100449-0100 | 1st Floor, Nothern Warehouse - Yellow Mastic Assoc. w/ 49 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 50B-RM-0113 132100449-0101 | 1st Floor, Nothern Warehouse - Yellow Mastic Assoc. w/ 49 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 51A-RM-0113 <small>132100449-0102</small> | 1st Floor, Nothern Warehouse - 4" Brown Vinyl Baseboard | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 51B-RM-0113 <small>132100449-0103</small> | 1st Floor, Nothern Warehouse - 4" Brown Vinyl Baseboard | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 52A-RM-0113 <small>132100449-0104</small> | 1st Floor, Nothern Warehouse - Yellow Adhesive Assoc. w/ 51 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 52B-RM-0113 <small>132100449-0105</small> | 1st Floor, Nothern Warehouse - Yellow Adhesive Assoc. w/ 51 | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 53A-RM-0113 <small>132100449-0106</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - Tan Wall Panel Adhesive | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 53B-RM-0113 <small>132100449-0107</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - Tan Wall Panel Adhesive | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 54A-RM-0113 <small>132100449-0108</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - White Joint Compound | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 54B-RM-0113 <small>132100449-0109</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - White Joint Compound | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 54C-RM-0113 <small>132100449-0110</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - White Joint Compound <i>Sample appears to be gypsum board.</i> | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 55A-RM-0113 <small>132100449-0111</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - Gray Gypsum Board | Gray/Tan Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| 55B-RM-0113 <small>132100449-0112</small> | 1st Floor, Nothern Warehouse, Office Area, Hallway - Gray Gypsum Board | Gray/Tan Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| 56A-RM-0113 <small>132100449-0113</small> | Exterior, A-side - Black Siding Paper | Black Fibrous Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 56B-RM-0113 <small>132100449-0114</small> | Exterior, A-side - Black Siding Paper | Black Fibrous Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 57A-RM-0113 <small>132100449-0115</small> | Exterior, Debris, A-side - Gray Parging Cement | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 57B-RM-0113 <small>132100449-0116</small> | Exterior, Debris, A-side - Gray Parging Cement | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 58A-RM-0113 <small>132100449-0117</small> | Exterior, Debris, A-side - White Skim Coat Plaster | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 58B-RM-0113 <small>132100449-0118</small> | Exterior, Debris, A-side - White Skim Coat Plaster | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 58C-RM-0113 <small>132100449-0119</small> | Exterior, Debris, A-side - White Skim Coat Plaster | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 59A-RM-0113 <small>132100449-0120</small> | Exterior, Debris, A-side - Gray Rough Coat Plaster | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 59B-RM-0113 <small>132100449-0121</small> | Exterior, Debris, A-side - Gray Rough Coat Plaster | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 59C-RM-0113 <small>132100449-0122</small> | Exterior, Debris, A-side - Gray Rough Coat Plaster | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 60A-RM-0113 <small>132100449-0123</small> | Exterior, Debris, A-side - Gray Ceramic Floor Tile Grout | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 60B-RM-0113 <small>132100449-0124</small> | Exterior, Debris, A-side - Gray Ceramic Floor Tile Grout | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 61A-RM-0113 <small>132100449-0125</small> | Exterior, Debris, A-side - Black Roofing Debris | Black Fibrous Homogeneous | 10% Synthetic | 90% Non-fibrous (Other) | None Detected |
| 61B-RM-0113 <small>132100449-0126</small> | Exterior, Debris, A-side - Black Roofing Debris | Black Fibrous Homogeneous | 60% Cellulose | 40% Non-fibrous (Other) | None Detected |
| 61C-RM-0113 <small>132100449-0127</small> | Exterior, Debris, A-side - Black Roofing Debris | Black Fibrous Homogeneous | 40% Cellulose | 60% Non-fibrous (Other) | None Detected |
| 61D-RM-0113 <small>132100449-0128</small> | Exterior, Debris, A-side - Black Roofing Debris | Black Fibrous Homogeneous | 40% Cellulose | 60% Non-fibrous (Other) | None Detected |
| 62A-RM-0113 <small>132100449-0129</small> | 1st Floor, Southern Warehouse, Office Areas, A-side Windows - Yellow Adhesive Assoc. w/ Window Sill Paper | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 62B-RM-0113 <small>132100449-0130</small> | 1st Floor, Southern Warehouse, Office Areas, A-side Windows - Yellow Adhesive Assoc. w/ Window Sill Paper | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 63A-RM-0113 <small>132100449-0131</small> | 1st Floor, Northern Warehouse - White Interior Window Glazing | White Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 63B-RM-0113 <small>132100449-0132</small> | 1st Floor, Northern Warehouse - White Interior Window Glazing | | | | Positive Stop (Not Analyzed) |

Initial report from: 01/23/2021 14:57:30



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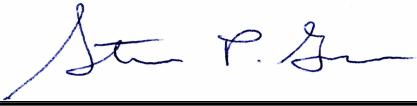
EMSL Order: 132100449
Customer ID: ENVI54
Customer PO: 20181545.B10
Project ID:

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 |
| 64A-RM-0113 <small>132100449-0133</small> | Exterior, Debris Pile, B-side - Gray Ceramic Floor Tile Thinset | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 64B-RM-0113 <small>132100449-0134</small> | Exterior, Debris Pile, B-side - Gray Ceramic Floor Tile Thinset | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 65A-RM-0113 <small>132100449-0135</small> | Exterior, Debris Pile, B-side - Black Roofing Debris | Black Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 65B-RM-0113 <small>132100449-0136</small> | Exterior, Debris Pile, B-side - Black Roofing Debris | Black Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 66A-RM-0113 <small>132100449-0137</small> | 1st Floor, Southern Warehouse, Office Areas - Yellow Wall Panel Adhesive | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 66B-RM-0113 <small>132100449-0138</small> | 1st Floor, Southern Warehouse, Office Areas - Yellow Wall Panel Adhesive | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Analyst(s)

 Kevin Pine (64)
 Valerica Stanca (57)



 Steve Grise, Laboratory Manager
 or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-139, VT AL998919, ME LB-0039

Initial report from: 01/23/2021 14:57:30



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| |
|----------------------------------|
| EMSL Order: 132100449 |
| Customer ID: ENVI54 |
| Customer PO: 20181545.B10 |
| Project ID: |

| | |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Attention: Robert Mallett Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040 | Phone: (860) 646-2469 Fax: Received Date: 01/18/2021 8:40 AM Analysis Date: 01/28/2021 Collected Date: 01/13/2021 |
| Project: 20181545.B10 - 719 River Street; Woonsocket, RI | |

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

| Sample ID | Description | Appearance | % Matrix Material | % Non-Asbestos Fibers | Asbestos Types |
|-------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-------------------|-----------------------|----------------------|
| 02A-RM-0113 132100449-0003 | 1st Floor, D/A-side Room - Black Mastic Assoc. w/ 01 | Black Non-Fibrous Homogeneous | 100.0 Other | None | No Asbestos Detected |
| 07A-RM-0113 132100449-0013 | 1st Floor, Southern Warehouse - Brown Mastic Assoc. w/ 06 | Black Non-Fibrous Homogeneous | 100.0 Other | None | No Asbestos Detected |
| 12A-RM-0113 132100449-0023 | 1st Floor, Southern Warehouse, Office Areas - Black Mastic Assoc. w/ 11 | Black Non-Fibrous Homogeneous | 100.0 Other | None | No Asbestos Detected |
| 38A-RM-0113 132100449-0076 | 2nd Floor, Southern Warehouse - White Interior Window Glazing | White Non-Fibrous Homogeneous | 100.0 Other | None | No Asbestos Detected |
| 50A-RM-0113 132100449-0100 | 1st Floor, Nothern Warehouse - Yellow Mastic Assoc. w/ 49 | Yellow Non-Fibrous Homogeneous | 100.0 Other | None | No Asbestos Detected |

Analyst(s)

Matthew Conley (5)

Steve Grise, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA

Initial report from: 01/28/2021 14:09:31



108 Myrtle Street, Suite 502, Quincy, MA 02171

Phone (617) 282-4675 Fax (617) 282-8253

Asbestos Bulk Sample Chain-of-Custody FormSheet 1 of 6Project Name: 719 River Street Project No.: 20181545.B10 Task: _____Building Name/Number: _____ Project Manager: Patrick DowlingSite Address: 719 River Street, Woonsocket, RI Total # of Samples: 138

| Sample ID (#-Initials-Date) | Material Type (Size, Color, Description, Material) | Sample Location | Comments/ Quantities |
|--------------------------------|-------------------------------------------------------|---------------------------------------------------------|-------------------------|
| 01A-RM-0113 | 9" by 9" Green Floor Tile | 1 st Floor, D/A-side Room | |
| 01B-RM-0113 | 9" by 9" Green Floor Tile | 1 st Floor, D/A-side Room | |
| ★ 02A-RM-0113 | Black Mastie Associated with Sample 01 | 1 st Floor, D/A-side Room | |
| 02B-RM-0113 | Black Mastie Associated with Sample 01 | 1 st Floor, D/A-side Room | |
| 03A-RM-0113 | Black Floor Paper Associated with Raised Flooring | 1 st Floor, Southern Warehouse | |
| 03B-RM-0113 | Black Floor Paper Associated with Raised Flooring | 1 st Floor, Southern Warehouse | |
| 04A-RM-0113 | Brown Floor Paper | 1 st Floor, Southern Warehouse | |
| 04B-RM-0113 | Brown Floor Paper | 1 st Floor, Southern Warehouse | |
| 05A-RM-0113 | 1' by 1' White Nailed Ceiling Tile | 1 st Floor, Southern Warehouse | |
| 05B-RM-0113 | 1' by 1' White Nailed Ceiling Tile | 1 st Floor, Southern Warehouse | |
| 06A-RM-0113 | 9" by 9" Tan Floor Tile | 1 st Floor, Southern Warehouse | |
| 06B-RM-0113 | 9" by 9" Tan Floor Tile | 1 st Floor, Southern Warehouse | |
| ★ 07A-RM-0113 | Brown Mastie Associated with Sample 08 | 1 st Floor, Southern Warehouse | |
| 07B-RM-0113 | Brown Mastie Associated with Sample 08 | 1 st Floor, Southern Warehouse | |
| 08A-RM-0113 | 9" by 9" Brown Floor Tile | 1 st Floor, Southern Warehouse | |
| 08B-RM-0113 | 9" by 9" Brown Floor Tile | 1 st Floor, Southern Warehouse | |
| 09A-RM-0113 | Black Mastie Associated with Sample 08 | 1 st Floor, Southern Warehouse | |
| 09B-RM-0113 | Black Mastie Associated with Sample 08 | 1 st Floor, Southern Warehouse | |
| 10A-RM-0113 | White Wall Tiles | 1 st Floor, Southern Warehouse | |
| 10B-RM-0113 | White Wall Tiles | 1 st Floor, Southern Warehouse | |
| 11A-RM-0113 | 12" by 12" Tan Floor Tile | 1 st Floor, Southern Warehouse, Office Areas | |
| 11B-RM-0113 | 12" by 12" Tan Floor Tile | 1 st Floor, Southern Warehouse, Office Areas | |
| ★ 12A-RM-0113 | Black Mastie Associated with Sample 11 | 1 st Floor, Southern Warehouse, Office Areas | |
| 12B-RM-0113 | Black Mastie Associated with Sample 11 | 1 st Floor, Southern Warehouse, Office Areas | |

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| 13A-RM-0113 | White Floor Leveling Compound on Hardwood | 1 st Floor, Southern Warehouse, Office Areas | |
| 13B-RM-0113 | White Floor Leveling Compound on Hardwood | 1 st Floor, Southern Warehouse, Office Areas | |
| 14A-RM-0113 | 4" Brown Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 14B-RM-0113 | 4" Brown Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 15A-RM-0113 | Yellow Adhesive Associated with Sample 14 | 1 st Floor, Southern Warehouse, Office Areas | |
| 15B-RM-0113 | Yellow Adhesive Associated with Sample 14 | 1 st Floor, Southern Warehouse, Office Areas | |
| 16A-RM-0113 | White Joint Compound | 1 st Floor, Southern Warehouse, Office Areas | |
| 16B-RM-0113 | White Joint Compound | 1 st Floor, Southern Warehouse, Office Areas | |
| 17A-RM-0113 | Gray Gypsum Wallboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 17B-RM-0113 | Gray Gypsum Wallboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 18A-RM-0113 | Brown Masonite Wall Panel Adhesive | 1 st Floor, Southern Warehouse, Office Areas, Bathroom | |
| 18B-RM-0113 | Brown Masonite Wall Panel Adhesive | 1 st Floor, Southern Warehouse, Office Areas, Bathroom | |
| 19A-RM-0113 | 4" Black Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 19B-RM-0113 | 4" Black Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 20A-RM-0113 | Tan Adhesive Associated with Sample 19 | 1 st Floor, Southern Warehouse, Office Areas | |
| 20B-RM-0113 | Tan Adhesive Associated with Sample 19 | 1 st Floor, Southern Warehouse, Office Areas | |
| 21A-RM-0113 | 6" Black Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 21B-RM-0113 | 6" Black Vinyl Baseboard | 1 st Floor, Southern Warehouse, Office Areas | |
| 22A-RM-0113 | Tan Adhesive Associated with Sample 21 | 1 st Floor, Southern Warehouse, Office Areas | |
| 22B-RM-0113 | Tan Adhesive Associated with Sample 21 | 1 st Floor, Southern Warehouse, Office Areas | |
| 23A-RM-0113 | Tan Linoleum Flooring | 1 st Floor, Southern Warehouse, Office Areas, Common Area | 2 nd Layer |
| 23B-RM-0113 | Tan Linoleum Flooring | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 24A-RM-0113 | Brown Floor Tile | 1 st Floor, Southern Warehouse, Office Areas, Common Area | 3 rd Layer |
| 24B-RM-0113 | Brown Floor Tile | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 25A-RM-0113 | Black Mastie Associated with Sample 24 | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 25B-RM-0113 | Black Mastie Associated with Sample 24 | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 26A-RM-0113 | Brown Square Patterned Linoleum | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |
| 26B-RM-0113 | Brown Square Patterned Linoleum | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |

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| 27A-RM-0113 | Brown Adhesive Associated with Sample 26 | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |
| 27B-RM-0113 | Brown Adhesive Associated with Sample 26 | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |
| 28A-RM-0113 | Yellow Adhesive Associated with Sample 23 | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 28B-RM-0113 | Yellow Adhesive Associated with Sample 23 | 1 st Floor, Southern Warehouse, Office Areas, Common Area | |
| 29A-RM-0113 | Rectangle White Ceiling Panel | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |
| 29B-RM-0113 | Rectangle White Ceiling Panel | 1 st Floor, Southern Warehouse, Office Areas, Common Area, A/B-side Room | |
| 30A-RM-0113 | 12" by 12" Dotted Ceiling Panel | 1 st Floor, Southern Warehouse, Office Areas | |
| 30B-RM-0113 | 12" by 12" Dotted Ceiling Panel | 1 st Floor, Southern Warehouse, Office Areas | |
| 31A-RM-0113 | Green Floor Tile | 1 st Floor, Southern Warehouse, Office Areas, A-side Room | Under Plywood Flooring |
| 31B-RM-0113 | Green Floor Tile | 1 st Floor, Southern Warehouse, Office Areas, A-side Room | |
| 32A-RM-0113 | Black Mastic Associated with Sample 31 | 1 st Floor, Southern Warehouse, Office Areas, A-side Room | |
| 32B-RM-0113 | Black Mastic Associated with Sample 31 | 1 st Floor, Southern Warehouse, Office Areas, A-side Room | |
| 33A-RM-0113 | Tan Wall Panel Adhesive Associated with Wood Panels | 1 st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Room | |
| 33B-RM-0113 | Tan Wall Panel Adhesive Associated with Wood Panels | 1 st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Room | |
| 34A-RM-0113 | Black Flooring Strip | 1 st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Closet | |
| 34B-RM-0113 | Black Flooring Strip | 1 st Floor, Southern Warehouse, Office Areas, A-side Room, D-side Closet | |
| 35A-RM-0113 | White Pipe Insulation | Basement, Storage Closet | |
| 35B-RM-0113 | White Pipe Insulation | Basement, Storage Closet | |
| 35C-RM-0113 | White Pipe Insulation | Basement, Storage Closet | |
| ★ 36A-RM-0113 | Tan Window Caulking | Exterior, Basement Windows | |
| 36B-RM-0113 | Tan Window Caulking | Exterior, Basement Windows | |
| 37A-RM-0113 | Brown Floor Paper | 2 nd Floor, Southern Warehouse | |
| 37B-RM-0113 | Brown Floor Paper | 2 nd Floor, Southern Warehouse | |
| ★ 38A-RM-0113 | White Interior Window Glazing | 2 nd Floor, Southern Warehouse | |
| 38B-RM-0113 | White Interior Window Glazing | 2 nd Floor, Southern Warehouse | |
| 39A-RM-0113 | Black Built-up Roofing- Tar | Lower Roof, Above Main Entrance | |
| 39B-RM-0113 | Black Built-up Roofing- Tar | Lower Roof, Above Main Entrance | |
| 40A-RM-0113 | Black Built-up Roofing- Felt | Lower Roof, Above Main Entrance | |
| 40B-RM-0113 | Black Built-up Roofing- Felt | Lower Roof, Above Main Entrance | |

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| 41A-RM-0113 | Black Built-up Roofing- Tar | Southeast Roof | |
| 41B-RM-0113 | Black Built-up Roofing- Tar | Southeast Roof | |
| 42A-RM-0113 | Black Built-up Roofing- Felt | Southeast Roof | |
| 42B-RM-0113 | Black Built-up Roofing- Felt | Southeast Roof | |
| 43A-RM-0113 | Black Built-up Roofing- Tar | Collapsed Roof Section | |
| 43B-RM-0113 | Black Built-up Roofing- Tar | Collapsed Roof Section | |
| 44A-RM-0113 | Black Built-up Roofing- Felt | Collapsed Roof Section | |
| 44B-RM-0113 | Black Built-up Roofing- Felt | Collapsed Roof Section | |
| 45A-RM-0113 | Black Floor Paper | 2 nd Floor, Collapsed Roof Section | |
| 45B-RM-0113 | Black Floor Paper | 2 nd Floor, Collapsed Roof Section | |
| 46A-RM-0113 | Black Roofing Debris | Collapsed Roof Section | |
| 46B-RM-0113 | Black Roofing Debris | Collapsed Roof Section | |
| 47A-RM-0113 | Reinforced Concrete Panel | 1 st Floor, Collapsed Roof Section, Debris Pile | |
| 47B-RM-0113 | Reinforced Concrete Panel | 1 st Floor, Collapsed Roof Section, Debris Pile | |
| 48A-RM-0113 | Black Roofing Debris | 1 st Floor, Northern Warehouse, Debris Pile | |
| 48B-RM-0113 | Black Roofing Debris | 1 st Floor, Northern Warehouse, Debris Pile | |
| 49A-RM-0113 | 12" by 12" Brown Floor Tile | 1 st Floor, Northern Warehouse | |
| 49B-RM-0113 | 12" by 12" Brown Floor Tile | 1 st Floor, Northern Warehouse | |
| ★ 50A-RM-0113 | Yellow Mastic Associated with Sample 49 | 1 st Floor, Northern Warehouse | |
| 50B-RM-0113 | Yellow Mastic Associated with Sample 49 | 1 st Floor, Northern Warehouse | |
| 51A-RM-0113 | 4" Brown Vinyl Baseboard | 1 st Floor, Northern Warehouse | |
| 51B-RM-0113 | 4" Brown Vinyl Baseboard | 1 st Floor, Northern Warehouse | |
| 52A-RM-0113 | Yellow Adhesive Associated with Sample 51 | 1 st Floor, Northern Warehouse | |
| 52B-RM-0113 | Yellow Adhesive Associated with Sample 51 | 1 st Floor, Northern Warehouse | |
| 53A-RM-0113 | Tan Wall Panel Adhesive | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 53B-RM-0113 | Tan Wall Panel Adhesive | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 54A-RM-0113 | White Joint Compound | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 54B-RM-0113 | White Joint Compound | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 54BC.RM-0113 | White Joint Compound | 1 st Floor, Northern Warehouse, Office Area, Hallway | |

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| 55A-RM-0113 | Gray Gypsum Board | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 55B-RM-0113 | Gray Gypsum Board | 1 st Floor, Northern Warehouse, Office Area, Hallway | |
| 56A-RM-0113 | Black Siding Paper | Exterior, A-side | |
| 56B-RM-0113 | Black Siding Paper | Exterior, A-side | |
| 57A-RM-0113 | Gray Parging Cement | Exterior, Debris Pile, A-side | |
| 57B-RM-0113 | Gray Parging Cement | Exterior, Debris Pile, A-side | |
| 58A-RM-0113 | White Skim Coat Plaster | Exterior, Debris Pile, A-side | |
| 58B-RM-0113 | White Skim Coat Plaster | Exterior, Debris Pile, A-side | |
| 58C-RM-0113 | White Skim Coat Plaster | Exterior, Debris Pile, A-side | |
| 59A-RM-0113 | Gray Rough Coat Plaster | Exterior, Debris Pile, A-side | |
| 59B-RM-0113 | Gray Rough Coat Plaster | Exterior, Debris Pile, A-side | |
| 59C-RM-0113 | Gray Rough Coat Plaster | Exterior, Debris Pile, A-side | |
| 60A-RM-0113 | Gray Ceramic Floor Tile Grout | Exterior, Debris Pile, A-side | |
| 60B-RM-0113 | Gray Ceramic Floor Tile Grout | Exterior, Debris Pile, A-side | |
| 61A-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, A-side | |
| 61B-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, A-side | |
| 61C-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, A-side | |
| 61D-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, A-side | |
| 62A-RM-0113 | Yellow Adhesive Associated with Window Sill Paper | 1 st Floor, Southern Warehouse, Office Areas, A-side Windows | |
| 62B-RM-0113 | Yellow Adhesive Associated with Window Sill Paper | 1 st Floor, Southern Warehouse, Office Areas, A-side Windows | |
| ★ 63A-RM-0113 | White Interior Window Glazing | 1 st Floor, Northern Warehouse | |
| 63B-RM-0113 | White Interior Window Glazing | 1 st Floor, Northern Warehouse | |
| 64A-RM-0113 | Gray Ceramic Floor Tile Thin Set | Exterior, Debris Pile, B-side | |
| 64B-RM-0113 | Gray Ceramic Floor Tile Thin Set | Exterior, Debris Pile, B-side | |
| 65A-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, B-side | |
| 65B-RM-0113 | Black Roofing Debris | Exterior, Debris Pile, B-side | |
| 66A-RM-0113 | Yellow Wall Panel Adhesive | 1 st Floor, Southern Warehouse, Office Areas | |
| 66B-RM-0113 | Yellow Wall Panel Adhesive | 1 st Floor, Southern Warehouse, Office Areas | |

Analysis Method: PLM TEM Other _____

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 Turnaround Time: 1 week



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Please call Fuss & O'Neill at (617) 282-4675 if analyses will not be completed for requested turnaround time listed above.

Email Results to: rmallett @fando.com Do Not Mail Hard Copy Report FAX Results to: 888-838-1160.

Special Instructions: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. Do not point count. If NOB group samples are ALL negative by PLM, analyze the sample denoted with a star (★) by TEM NOB on a 1 week turnaround time. Analyze a MAXIMUM of 7 samples by TEM in noted order.

Samples Collected by: Robert Mallett Date: 1/13/2021

Samples Sent by: Malle J Date: 1/15/21 Time: morning

Shipped To: EMSL Other _____

Method of Shipment: Fed Ex Lab Drop Off Other _____

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Appendix D

XRF Lead-Based Paint Screening Field Data Sheets



XRF Lead-Based Paint Screening Field Data Sheet

Inspector: Robert Mallett XRF Model: RMD - LPA-1 Serial: 1395

Project Name: 719 River Street Date: 1/14/2021

Building Name/Number: _____ Project Number: 20181545.B10

Site Address: 719 River Street, Woonsocket, RI Project Manager: Patrick Dowling

XRF Calibration Check - RMD (0.7 to 1.3 mg/cm² inclusive)

| | First Reading | Second Reading | Third Reading | Average |
|--------------|---------------|----------------|---------------|---------|
| Start Check | 1.0 | 1.0 | 1.0 | 1.0 |
| Finish Check | 1.0 | 1.0 | 1.0 | 1.0 |

| Room | Side | Surface/Component | Color | Substrate* | XRF Reading | Positive |
|----------------------------------------|------|----------------------|--------|------------|-------------|----------|
| Exterior | A | Wall | White | CMU | 0.4 | |
| Loading Dock | A | Wall | White | CMU | 0.0 | |
| Loading Dock | A | Wall | White | CMU | 0.0 | |
| First Floor | D | Support Column | White | W | 0.5 | |
| First Floor | D | Upper Support Column | Green | W | 1.0 | POS |
| First Floor | D | Lower Support Column | White | W | 1.0 | POS |
| First Floor | D | Upper Wall | White | W | 0.0 | |
| First Floor | D | Lower Wall | Gray | W | 0.0 | |
| First Floor, Office Area | B | Door Frame | Black | W | 0.1 | |
| First Floor, Office Area | B | Window Frame | White | W | 0.0 | |
| First Floor, Office Area | B | Window Sill | White | W | 1.0 | POS |
| First Floor | D | Lower Support Column | Red | W | 0.1 | |
| First Floor | C | Upper Wall | White | B | -0.1 | |
| First Floor | C | Lower Wall | Grey | B | 0.0 | |
| Second Floor | D | Column | White | W | 0.0 | |
| Second Floor | D | Window Components | White | W | >9.9 | POS |
| Exterior, Second Floor | D | Wall | Yellow | W | 0.0 | |
| Second Floor | | Lower Support Column | Red | W | 1.0 | POS |
| Second Floor | | Upper Support Column | Black | W | 1.0 | POS |
| First Floor, Warehouse Storage Area | B | Lower Support Column | Red | W | 2.0 | POS |
| First Floor, Warehouse Storage Area | B | Upper Support Column | White | W | 2.5 | POS |
| First Floor, Collapsed Ceiling Section | | Support Column | Yellow | M | 1.5 | POS |
| First Floor, Northern Warehouse | | Upper Support Column | White | M | 0.0 | |



| | | | | | | |
|---------------------------------|---|----------------------|-------|---|-----|--|
| First Floor, Northern Warehouse | | Lower Support Column | Red | M | 0.0 | |
| First Floor, Northern Warehouse | | Upper Support Column | White | M | 0.1 | |
| First Floor, Northern Warehouse | | Lower Support Column | Red | M | 0.1 | |
| First Floor, Northern Warehouse | C | Upper Wall | White | W | 0.1 | |

* Substrate Type: M = Metal, W = Wood, P = Plaster, D = Drywall, C = Concrete, B = Brick, CMU = Concrete Masonry Unit, A = Aluminum, CT = Ceramic Tile
N/A = Not Accessible, N/C = Not Coated, COV = Covered, VR = Vinyl Replacement, POS = Positive