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Pre-Demolition NESHAP Building Inspection

Site:
422 Champlain Street
Berlin, NH

Prepared for:
Ms. Pamela Laflamme
City of Berlin
168 Main Street
Berlin, NH 03570

Prepared by:
Calex Environmental, LLC
PO Box 236
Colebrook, NH 03576
(603) 237-9399

Inspection Date: May 16, 2023
Report Date: June 22, 2023
Calex Project: BER-22-001A/B

June 22, 2023 **Calex Project: BER-22-001A/B**

Ms. Pamela Laflamme
City of Berlin
168 Main Street
Berlin, NH 03570

Emailed: plaflamme@berlinnh.gov (603) 752-8587

Re: Pre-Demolition Building Inspection
Residential Multi-Family Building and Attached Multi-Bay Shed/Garage
422 Champlain Street, Berlin, NH (the Site)

Dear Ms. Laflamme:

Calex Environmental, LLC (Calex) is pleased to provide you with the attached pre-demolition building inspection report for the above referenced Site. The building inspection and this report fulfill the requirements applicable to a NESHAP pre-demolition asbestos inspection and in addition, provide an assessment for other targeted and potentially hazardous materials, i.e. the RCRA (Resource Conservation Recovery Act) metal lead. The report includes procedures, methodologies and analytical laboratory results.

Pre-demolition notifications to local, State and/or Federal regulatory agencies have not been completed by Calex and are the responsibility of the building owner. Prior to initiation of any demolition activities, all identified ACBM (Asbestos Containing Building Materials) must be properly removed (abated) from the building structure.

Calex appreciates the opportunity to perform these services for you and values you as a client. If you require any assistance with the implementation of any recommendations or the completion of the notification requirements, please feel free to contact me.

Sincerely,
Calex Environmental, LLC

Ronald T. Guerin
President

PRE-DEMOLITION NESHAP
BUILDING INSPECTION

PREPARED FOR:

Ms. Pamela Laflamme
City of Berlin
168 Main Street
Berlin, NH 03570

PROJECT LOCATION:

Multi-Family Residence and Attached Shed/Garage
422 Champlain Street
Berlin, New Hampshire

Report Date: June 22, 2023

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PRE-DEMOLITION
NESHAP ASBESTOS INSPECTION
for
Multi-Family Residential Building with Attached Garage/Shed
422 Champlain Street, Berlin, NH (the Site)

SECTION 1: NESHAP PRE-DEMOLITION ASBESTOS INSPECTION

1 INSPECTION SUMMARY

☐ Asbestos Containing Materials (ACM) were not identified at the Site.

☒ Asbestos Containing Materials (ACM) **were identified** at the Site.

Refer to Section 4.3 below for additional information.

2 SCOPE OF SERVICES

The purpose of this portion of the project was to perform a National Emission Standards for Hazardous Air Pollutants, (NESHAP), pre-demolition asbestos inspection at the above referenced Site which consists of a single, unoccupied, 2 1/2-story, multi-family residential building with an attached, multi-bay, residential garage/shed.

Calex conducted a thorough asbestos survey at the identified building in accordance with the proposed scope of services and as outlined below:

a. Review of any existing asbestos reports relating to the site, if available.
   Note: No existing reports are known to exist.

b. Survey the Site building.

c. Identify accessible suspect asbestos containing materials (ACM) in accordance with the US EPA National Emission Standard for Hazardous Air Pollutants (NESHAP), (Ref.: 40 CFR, Part 61).

d. Collect and analyze bulk samples of suspect materials.

e. Quantify any asbestos containing materials and record location.

3 GENERAL SITE CONDITIONS

The Site building consists of an unoccupied, ±30-Ft. x ±25-Ft. (nominal), 2 1/2-story, wood framed two family residence with an attached wood framed ±45-Ft. x ±25-Ft. multi-bay residential garage/shed building. The first-floor residence includes a kitchen, living room, two bedrooms, enclosed porch on the western streetside, and enclosed entry and shed area on the east end of the building. The second-floor residence occupies the second story and gable attic space above. The second floor includes a kitchen, living room, two bedrooms, enclosed porch on the western street side, and a porch and shed area that has been converted into a bathroom and laundry. The finished gable attic space, i.e. third floor, includes a den, two bedrooms and a bathroom. The building structure is estimated to have been constructed circa 1910 and has undergone a number of renovations over the ensuing years.

Finished wall surfaces consist of plaster and/or drywall panels with applied joint compound. Some areas, (e.g. front porch, entry, storage areas, kitchen wall areas, etc.) have former wall finishes covered by wood paneling. Ceilings are predominantly finished with drywall panels with an applied texture coating, some rooms are alternately finished with cellulose ceiling tiles. Flooring materials include carpeting and resilient flooring materials.

The exterior of the residence building is generally covered with vinyl siding applied over a layer of wooden siding and building paper. The exterior of the garage/shed is clad with asphalt siding material. Window units have in large part been updated with vinyl replacement units that do not incorporate putty glazing. The residence building roofs are sloped and are sheathed with asphalt roofing shingles while the garage roof is covered with rolled roofing with roofing mastic/cement. Portions of the attic roof are insulated with loose fill insulation; fiberglass insulation was observed in the exterior wall cavities.

An oil-fired hot water boiler is located in the basement space. A masonry chimney rises from the basement and extends through the building penetrating the building roof.

A number of smoke alarms (i.e. potentially containing radioactive material) and thermostats (containing mercury) were observed in the building. When these items were observed, they were removed and placed nearby the kitchen sinks of the respective units. These hazardous material containing devices should be removed prior to commencement of any building demolition and should be properly disposed of.

4 ASBESTOS INSPECTION REPORT

On May 16, 2023, the building structures located at the Site were inspected for asbestos containing building materials by inspector Ronald Guerin of Calex Environmental, LLC. Mr. Guerin has completed the requisite training for asbestos accreditation as an inspector at an approved training provider under TSCA Title II. Mr. Guerin's State of New Hampshire Asbestos Inspector license number is AI000401 having an expiration date of October 5, 2023. Inspector credentials are provided in **Appendix A**.

The building structure was visually inspected for the presence of suspect asbestos containing materials (ACM). Materials visibly identified as non-asbestos (fibrous glass, foam rubber, wood, metal, etc.) were not sampled. "Presumed Asbestos Containing Materials" (PACM), were not identified as part of the NHSHAP inspection. The asbestos inspection consisted of three basic steps: 1) a visual inspection of the Site; 2) a determination of homogeneous areas with suspect surfacing, thermal system insulation, and miscellaneous materials; and 3) sampling or presumption of friable and non-friable suspect ACM materials.

4.1 Homogeneous Areas

Prior to sampling, homogeneous areas were identified in order to facilitate a sampling strategy. A homogeneous sampling area can be described as one or more areas with suspect material similar in appearance and texture that have the same installation date and function. The actual number of samples collected from each homogeneous sampling area may vary, dependent upon material type and the professional judgment of the inspector.

4.2 Sampling Strategy

The sampling strategy incorporated certain AHERA requirements, site specific determination of the quantities of suspect material, and the inspector's judgment to aid in the identification of suspect asbestos containing materials. Calex's sampling strategy was to identify and collect suspect asbestos containing materials (ACM) in accordance with the USEPA National Emission Standard for Hazardous Air Pollutants (NESHAP), (ref.: 40 CFR, Part 61). If the analytical results indicated that all the samples collected per homogeneous area did not contain asbestos, then the homogeneous area (material) was considered to be non-asbestos containing. However, if the analytical results of one or more of the samples collected per homogeneous area indicated that asbestos was present in quantities greater than one percent asbestos (as defined by EPA), all of the homogeneous area (material) was treated as an asbestos containing material regardless of any other analytical results. Materials which were visually determined to be non-asbestos (i.e. fibrous glass, foam rubber, metal etc.) by the accredited inspector were not required to be sampled. Actual collection of a bulk asbestos sample involves physically removing approximately one square inch (1 in^2) of material and placing it in an airtight sample container. Sample containers were marked with a unique identification number, which was documented in the field notes.

The attached **Table 1** provides a summary of the suspected asbestos containing building materials that were sampled and subjected to laboratory analysis.

4.3 Asbestos Containing Materials

Materials containing more than 1% asbestos are classified as asbestos containing materials, (ACM). The following ACM was identified at the Site:

a. Asphalt roofing mastic/cement (roof area ±1,100 Ft^2) applied to the rolled roofing and roof components, including the fabric reinforcement material of the attached shed/garage roof and doorway overhangs, (Line #18, Sample #S-2; Line #25 , Sample S-9; Line #27 ,Sample # S-11; Line #33, Sample S-17) was determined to contain 3% – 7% chrysotile asbestos.

b. Linoleum cabinet and drawer liners placed in the kitchen cabinets of the 1st floor residence (Line #124, Sample #1-12; Line #125, Sample #1-13) was determined to contain 5% to 8% chrysotile asbestos.

c. Soundproofing applied to the bottom of the kitchen sink of the 1st floor residence (Line #130, Sample # 1-22) was determined to contain 4% chrysotile asbestos.

d. Floor tiles (9" x 9", pink tiles and brown tiles) installed in the 1st floor entryway were determined to contain 6% and 3% chrysotile asbestos respectively.

The attached **Table 2** provides a summary of the suspect asbestos containing materials that have been determined through laboratory analysis to have >1% asbestos content or are presumed to have >1% asbestos content.

4.4 Other Materials Containing Asbestos

Building materials containing greater than 0% asbestos content, but equal to or less than 1% (≤1% ACM) were identified at the site. Materials containing less than 1% asbestos

or less are not classified as ACM by the NESHAP (40 CFR, Part 61) and are not addressed within the scope of this report. However, it should be noted that materials containing >0% asbestos content may still be subject to worker protection regulations under the Occupational Safety and Health Administration (OSHA), i.e., 29 CFR 1910.1001 and 29 CFR 1926.1101 as these materials may still pose a potential health hazard.

a. Window glazing collected from the kitchen window of the 1st floor residence (Line #16, Sample #E-13) was initially determined to contain 2% chrysotile asbestos and subsequently confirmed to contain 0.50% chrysotile asbestos through confirmatory Point Counting analysis.

b. Soundproofing collected from the bottom of the kitchen sink of the 2nd floor residence, (Line #64, Sample #2-7) was initially determined to contain 2% chrysotile asbestos and subsequently confirmed to contain 0.80% chrysotile asbestos through confirmatory Point Counting analysis.

4.5 Laboratory Analytical Results

Bulk samples were analyzed by Hayes Microbial Consulting (Hayes)[1], 3005 E. Boundary Terrace, Suite F, Midlothian, VA by means of Polarized Light Microscopy (PLM) analysis, utilizing dispersion staining techniques (ref.: EPA Method 600/M4-82-020). PLM was performed to determine the asbestos content of the bulk samples collected at the site. The laboratory is currently certified with the National Voluntary Laboratory Accreditation Program (NVLAP) under NVLAP Lab Code: 500096-0. Confirmatory sampling, where indicated, utilized PLM 400-point counting analysis.

Any material that contains greater than one percent (>1%) asbestos is considered an ACM and must be handled according to Occupational Safety and Health Administration (OSHA), EPA, and all applicable State and Local regulations.

Details of the sample laboratory analysis are included in **Appendix B**, which contains a listing of all analyzed samples, sample locations, and analytical results relating to the site. Asbestos analytical results are reported as percentage and type. Other common non-asbestos components may also be noted in the analytical report.

5 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in this report are based solely on conditions noted at the Site during the **May 16, 2023,** Calex inspection of the building(s) described herein, located at **422 Champlain Street, Berlin, NH.**

Calex performed limited destructive investigations to identify materials that may be present behind the visible surface materials by removing small areas of the surface materials and making assumptions of underlying materials based these observations. Any materials that were not visually identified during our inspection activities were not inspected and would not be noted in this report. Calex's selection of sample locations and frequency of sampling was based on the inspector's assumption that like materials in the same area are homogeneous in content. Materials that were not part of the building structure (materials stored inside or outside of the building, debris located inside or

[1] Analysis was subcontracted by Hayes to Laboratory Testing Services, NVLAP 600253-0.

outside of the building, etc., were not included as part of the inspection unless specifically stated otherwise. Appliances (e.g. stoves, furnaces, etc.), HVAC (heating, ventilation and air conditioning) equipment, sub-surface (e.g. foundation coatings, debris) and energized electrical devices were not included in the inspection.

The report is designed to aid the building owner in locating ACM and is intended to serve as a technical component of a NESHAP pre-demolition notification. The report was prepared for the exclusive use of the applicable State and Local asbestos regulatory agency(ies); and the Client and Client's counsel, solely for the purposes stated in this report. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users. Under no circumstances is the report to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an asbestos project design document or an abatement work plan. This report may not be circulated, or conveyed, in whole or in part, to any other party, nor used by any other party, without the prior written permission of Calex.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

Calex, by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the Site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any conditions at the Site that may present a potential danger to public health, safety, or the environment. It is the client's responsibility to notify the appropriate local, state, or federal public agencies as required by law, or otherwise to disclose, in a timely manner, any information that may be necessary to prevent any danger to public health, safety, or the environment. The contents of this report should not be construed in any way as a recommendation to purchase, sell, or further develop the project site.

SECTION 2: RCRA METAL DETERMINATION

1 INSPECTION SUMMARY

☒ Lead TCLP results exceeding regulatory standards **were not detected** in the representative building material sample.

☐ Lead TCLP results exceeding regulatory standards were detected in the representative building material sample.

Refer to Section 4 below for additional information.

2 SCOPE OF SERVICES

The purpose of this portion of the project was to evaluate the building materials for the presence of lead.

Calex conducted a thorough survey of the Site building in accordance with the proposed scope

of services and as outlined below:

a. Survey the types and estimate the proportionate quantities of the building materials relative to the entirety of the debris waste stream created by the building demolition.

b. Collect a representative building material (RBM) sample based upon the criteria established above. Prepare and submit the RBM sample for Toxicity Characteristic Leaching Procedure (TCLP) laboratory analysis.

c. Review the analytical data and compare the results to regulatory standards.

3 METHODOLOGY

A ±110-gram RBM sample was collected by Calex on May 16, 2023, in general accordance with ASTM E1908-10 and the Connecticut Department of Environmental Protection sampling and waste characterization plans guidance. A representative quantity of burn debris and ash was incorporated in the sample.

The RBM sample was prepared and delivered under chain of custody control and analyzed by Hayes Microbial Consulting (Hayes), 3005 E. Boundary Terrace, Suite F, Midlothian, VA. The sample was subjected to TCLP by Hayes for leachable lead utilizing EPA Method 7420.

Details of the sample laboratory analysis are included in **Appendix B**.

4 FINDINGS

The TCLP analytical results for the RBM sample indicate a lead concentration of **<0.50 mg/L** which is well below the established regulatory limit of 5.0 mg/L.

Note: In order for the TCLP analysis to be representative of the building debris stream, no sorting or segregating of building materials may be undertaken. To the extent of being practicable to do so, each waste container should consist of a mixture of building materials representing the entirety of the debris waste stream created by the building demolition.

TABLES

Suspect Building Materials Sampled – Table 1
Asbestos Containing Materials (ACM) – Table 2

TABLE 1

SUSPECT BUILDING MATERIALS SAMPLED

PROJECT:	BER-22-1A
SITE:	422 CHAMPLAIN
SAMPLE DATE:	May 16, 2023

MATERIAL	LOCATION	SAMPLE ID
LOOSE INSULATION	ATTIC FLOOR	A-1
LOOSE INSULATION	ATTIC FLOOR	A-2
FURNACE CEMENT	BASEMENT CHIMNEY	B-1
ASPHALT ROOFING SHINGLE	FRONT PORCH ROOF (LAYER 1)	E-1
ASPHALT ROOFING SHINGLE	FRONT PORCH ROOF (LAYER 1)	E-2
ASPHALT ROOFING PAPER	FRONT PORCH ROOF (LAYER 2)	E-3
ASPHALT ROOFING PAPER	FRONT PORCH ROOF (LAYER 2)	E-4
ASPHALT ROOFING PAPER	MAIN ROOF (LAYER 2)	E-5
ASPHALT ROOFING PAPER	MAIN ROOF (LAYER 2)	E-6
ASPHALT ROOFING SHINGLE	MAIN ROOF (LAYER 1)	E-7
ASPHALT ROOFING SHINGLE	MAIN ROOF (LAYER 1)	E-8
BUILDING PAPER	EXTERIOR UNDER CLAPBOARDS	E-9
BUILDING PAPER	EXTERIOR UNDER CLAPBOARDS	E-10
ASPHALT ROOFING SHINGLE	SLOPED ROOF OVER REAR STARIWAY (LAYER 1)	E-11
ASPHALT ROOFING PAPER	SLOPED ROOF OVER REAR STARIWAY (LAYER 2)	E-12
GLAZING	KITCHEN WINDOW	E-13
ASPHALT ROLL ROOFING	SHED BAY 1 ROOF OVERHANG	S-1
ASPHALT ROOF MASTIC	SHED BAY 1 ROOF OVERHANG	S-2
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 1)	S-3
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 2)	S-4
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 3)	S-5
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 4)	S-6
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 5)	S-7
ASPHALT ROOFING	SHED BAY 1 ROOF (LAYER 6)	S-8
ASPHALT ROOF MASTIC	SHED BAY 1 ROOF	S-9
ASPHALT ROOFING	SHED BAY 2 ROOF OVERHANG	S-10
ASPHALT ROOF MASTIC	SHED BAY 2 ROOF OVERHANG	S-11
ASPHALT SIDING (BROWN)	SHED SIDING	S-12
ASPHALT SIDING (BROWN)	SHED SIDING	S-13
ASPHALT ROOFING	SHED BAY 3 ROOF OVERHANG	S-14
ASPHALT SIDING (RED)	SHED SIDING	S-15
ASPHALT SIDING (RED)	SHED SIDING	S-16
MESH ROOFING CLOTH W/ MASTIC	SHED ROOFING (INSIDE SHED- BOTTOM LAYER)	S-17
MESH ROOFING CLOTH W/O MASTIC	SHED ROOFING (INSIDE SHED- BOTTOM LAYER)	S-18
CELLULOSE CEILING TILE	INSIDE SHED	S-19
RESILIENT FLOORING	3RD FLOOR, BEDROOM 1 (BEIGE)	3-1
RESILIENT FLOORING	3RD FLOOR, BEDROOM 1 (BEIGE)	3-2
DRYWALL	3RD FLOOR, BEDROOM 1	3-3
DRYWALL	3RD FLOOR, BEDROOM 1	3-4
TEXTURE CEILING	3RD FLOOR, BEDROOM 1	3-5
TEXTURE CEILING	3RD FLOOR, BEDROOM 1	3-6
JOINT COMPOUND	3RD FLOOR, BEDROOM 1	3-7
JOINT COMPOUND	3RD FLOOR, BEDROOM 1	3-8
PLASTER	3RD FLOOR, BEDROOM 2	3-9
PLASTER	3RD FLOOR, BEDROOM 2	3-10
RESILIENT FLOORING W/ ADHESIVE	3RD FLOOR, BATHROOM 1 (LAYER 1)	3-11
RESILIENT FLOORING W/ ADHESIVE	3RD FLOOR, BATHROOM 1 (LAYER 1)	3-12
RESILIENT FLOORING W/ ADHESIVE	3RD FLOOR, BATHROOM 1 (LAYER 2)	3-13
RESILIENT FLOORING W/ ADHESIVE	3RD FLOOR, BATHROOM 1 (LAYER 2)	3-14

(1) Multi-layered sample collected.
Note: Layers, if indicated are identified from the top (exposed) layer first, i.e. Layer 1

TABLE 1

SUSPECT BUILDING MATERIALS SAMPLED

PROJECT:	BER-22-1A
SITE:	422 CHAMPLAIN
SAMPLE DATE:	May 16, 2023

MATERIAL	LOCATION	SAMPLE ID
ADHESIVE	3RD FLOOR, BATHROOM 1, SHOWER SURROUND	3-15
ADHESIVE	3RD FLOOR, BATHROOM 1, SHOWER SURROUND	3-16
ADHESIVE	3RD FLOOR, BATHROOM 1, MASONITE	3-17
ADHESIVE	3RD FLOOR, BATHROOM 1, MASONITE	3-18
RESILIENT FLOORING	3RD FLOOR, BEHIND KNEE WALL	3-19
RESILIENT FLOORING	3RD FLOOR, BEHIND KNEE WALL	3-20
MASONITE	3RD FLOOR, BATHROOM 1	3-21
PLASTER	3RD TO 2ND FLOOR STAIRWAY BEHIND DRYWALL	3-22
DRYWALL	2ND FLOOR ENCLOSED PORCH	2-1
DRYWALL	2ND FLOOR ENCLOSED PORCH-WEST	2-2
JOINT COMPOUND	2ND FLOOR ENCLOSED PORCH-WEST	2-3
JOINT COMPOUND	2ND FLOOR ENCLOSED PORCH-WEST	2-4
BUILDING PAPER	2ND FLOOR ENCLOSED PORCH-WEST	2-5
BUILDING PAPER	2ND FLOOR ENCLOSED PORCH-WEST	2-6
SOUNDPROOFING	2ND FLOOR KITCHEN SINK	2-7
FORMICA W/ ADHESIVE	2ND FLOOR KITCHEN SINK	2-8
FORMICA W/ ADHESIVE	2ND FLOOR KITCHEN SINK	2-9
TEXTURE COATING	2ND FLOOR LIVING ROOM CEILING	2-10
TEXTURE COATING	2ND FLOOR LIVING ROOM CEILING	2-11
DRYWALL	2ND FLOOR LIVING ROOM CEILING	2-12
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR KITCHEN (LAYER 2)	2-13
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR KITCHEN (LAYER 2)	2-14
RESILIENT FLOORING	2ND FLOOR KITCHEN (LAYER 2)	2-15
RESILIENT FLOORING	2ND FLOOR KITCHEN (LAYER 2)	2-16
RESILIENT FLOORING FILM W/ ADHESIVE	2ND FLOOR KITCHEN (BETWEEN 1 & 2)	2-17
RESILIENT FLOORING FILM W/ ADHESIVE	2ND FLOOR KITCHEN (BETWEEN 1 & 2)	2-18
RESILIENT FLOORING	2ND FLOOR KITCHEN (LAYER 1)	2-19
RESILIENT FLOORING	2ND FLOOR KITCHEN (LAYER 1)	2-20
MASONITE	2ND FLOOR ENCLOSED PORCH-WEST	2-21
TEXTURE COATING	2ND FLOOR BEDROOM 3 CEILING	2-23
JOINT COMPOUND	2ND FLOOR BEDROOM 3	2-24
DRYWALL	2ND FLOOR BEDROOM 3	2-25
TEXTURE COATING	2ND FLOOR KITCHEN CEILING	2-26
DRYWALL	2ND FLOOR KITCHEN	2-28
RESILIENT FLOORING	2ND FLOOR BEDROOM 4	2-29
RESILIENT FLOORING	2ND FLOOR BEDROOM 4	2-30
DRYWALL	2ND FLOOR BEDROOM 4	2-31
JOINT COMPOUND	2ND FLOOR BEDROOM 4	2-32
ASPHALT ROOFING	2ND FLOOR PORCH - EAST (LAYER 2)	2-33
ASPHALT ROOFING	2ND FLOOR PORCH - EAST (LAYER 2)	2-34
ASPHALT ROOFING	2ND FLOOR PORCH - EAST (LAYER 1)	2-35
ASPHALT ROOFING	2ND FLOOR PORCH - EAST (LAYER 1)	2-36
DRYWALL	2ND FLOOR PORCH - EAST (UNDER PANELING)	2-37
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR BATRHOOM (LAYER 1)	2-38
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR BATRHOOM (LAYER 1)	2-39
GLAZING	2ND FLOOR KITCHEN WINDOW	2-40
GLAZING	2ND FLOOR PORCH WINDOW (EAST)	2-41
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR LAUNDRY (UNDER CARPET)	2-42
RESILIENT FLOORING W/ ADHESIVE	2ND FLOOR LAUNDRY (UNDER CARPET)	2-43

(1) Multi-layered sample collected.
Note: Layers, if indicated are identified from the top (exposed) layer first, i.e. Layer 1

TABLE 1

SUSPECT BUILDING MATERIALS SAMPLED

PROJECT:	BER-22-1A
SITE:	422 CHAMPLAIN
SAMPLE DATE:	May 16, 2023

MATERIAL	LOCATION	SAMPLE ID
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-42 / 2-43)	2-44
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-42 / 2-43)	2-45
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-44 / 2-45)	2-46
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-44 / 2-45)	2-47
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-46 / 2-47)	2-48
LINOLEUM FLOORING	2ND FLOOR LAUNDRY (UNDER 2-46 / 2-47)	2-49
MASONITE W/ADHESIVE	2ND FLOOR LAUNDRY SHELVING	2-50
MASONITE W/ADHESIVE	2ND FLOOR LAUNDRY SHELVING	2-51
COVE MOLDING W/ADHESIVE	2ND FLOOR KITCHEN	2-52
COVE MOLDING W/ADHESIVE	2ND FLOOR KITCHEN	2-53
RESILIENT FLOORING	2ND FLOOR BATHROOM (UNDER 38 / 39)	2-54
RESILIENT FLOORING	2ND FLOOR BATHROOM (UNDER 38 / 39)	2-55
TEXTURE COATING	1ST FLOOR BEDROOM 1	1-1
TEXTURE COATING	1ST FLOOR BEDROOM 1	1-2
CEILING TILE	1ST FLOOR BEDROOM 1	1-3
CEILING TILE	1ST FLOOR BEDROOM 1	1-4
PLASTER	1ST FLOOR BEDROOM 1 CEILING	1-5
PLASTER	1ST FLOOR BEDROOM 1 CEILING	1-6
ADHESIVE ON PANELING	1ST FLOOR BEDROOM 1	1-7
ADHESIVE ON PANELING	1ST FLOOR BEDROOM 1	1-8
DRYWALL	1ST FLOOR BEDROOM 1	1-9
RESILIENT FLOORING	1ST FLOOR BEDROOM 1 & 2 CLOSET	1-10
RESILIENT FLOORING	1ST FLOOR BEDROOM 1 & 2 CLOSET	1-11
LINOLEUM FLOORING	1ST FLOOR KITCHEN CABINETS (BROWN MOSIAC)	1-12
LINOLEUM FLOORING	1ST FLOOR KITCHEN CABINETS (BROWN MOSIAC)	1-13
LINOLEUM FLOORING	1ST FLOOR KITCHEN CABINETS (BASE AND DRAWS)	1-14
LINOLEUM FLOORING	1ST FLOOR KITCHEN CABINETS (BASE AND DRAWS)	1-15
TEXTURE COATING	1ST FLOOR BEDROOM 2 CEILING	1-16
ADHESIVE	1ST FLOOR KITCHEN BACKSPLASH AREA	1-18
TEXTURE COATING	1ST FLOOR KITCHEN CEILING (LOW RELIEF)	1-20
TEXTURE COATING	1ST FLOOR KITCHEN CEILING (LOW RELIEF)	1-21
SOUNDPROOFING	1ST FLOOR KITCHEN SINK	1-22
JOINT COMPOUND	1ST FLOOR LIVING ROOM	1-23
JOINT COMPOUND	1ST FLOOR LIVING ROOM	1-24
ADHESIVE ON WOOD	1ST FLOOR KITCHEN FLOOR	1-25
ADHESIVE ON WOOD	1ST FLOOR KITCHEN FLOOR	1-26
RESILIENT FLOORING	1ST FLOOR KITCHEN FLOOR	1-27
FORMICA W/ ADHESIVE	1ST FLOOR KITCHEN COUNTER	1-28
PLASTER W/ ADHESIVE	1ST FLOOR BATHROOM	1-29
PLASTER W/ ADHESIVE	1ST FLOOR BATHROOM	1-30
FLOOR TILE (9X9) PINK	1ST FLOOR ENTRY FLOORING	1-31
FLOOR TILE (9X9) BROWN	1ST FLOOR ENTRY FLOORING	1-32
MASTIC	1ST FLOOR ENTRY FLOORING	1-33
MASTIC	1ST FLOOR ENTRY FLOORING	1-34

(1) Multi-layered sample collected.
Note: Layers, if indicated are identified from the top (exposed) layer first, i.e. Layer 1

TABLE 2

ASBESTOS CONTAINING MATERIALS

PROJECT: BER-22-1A
SITE: 422 CHAMPLAIN
SAMPLE DATE: May 16, 2023

MATERIAL	LOCATION	SAMPLE ID	APPROX. QUANTITY	ASBESTOS CONTENT	AHERA CLASS			NESHAP CLASS		
					S	T	M	F	C1	C2
ASPHALT ROOFING MASTIC/CEMENT	DETACHED SHED/GARAGE ROOF AND ROOF OVERHANGS	S-2 / S-9 / S-11 / S-17	± 1,100 FT2	3% - 7%			X		X	
LINOLEUM	1ST FLOOR KITCHEN CABINETS/DRAWERS - 1ST FLOOR	1-14 / 1-15	±15 FT2	5% - 8%			X		X	
SOUNDPROOFING	KITCHEN SINK - 1ST FLOOR	1-22	±2 FT2	3.3% - 4%			X			X
PINK AND BROWN 9X9 FLOOR TILES	1ST FLOOR ENTRY	1-31 / 1-32	±50 FT2	3% - 6%			X		X	

Note: Layers, if indicated, are identified from the top (exposed) layer first (Layer 1).
Refer to the attached figures for additional information relative to sample location. . Quantities stated are approximate and should not be relied upon for bidding purposes, project specifications, etc.
UNK - Unknown. Unable to be determined through inspection methods. PACBM - Presumed Asbestos Containing Building Material (not sampled)
FT2 - Square Feet LnFt - Lineal Feet Ft3 - Cubic Feet
AHERA Classifications: S - Surfacing ACM T - Thermal System Insulation (TSI) ACM M - Miscellaneous ACM

APPENDIX A

Inspector Credentials
Disclosure of Relationship

(603) 237-9399 PO Box 236, Colebrook, NH 03576 (603) 237-9303 (fax)
office@calexenvironmental.com www.calexenvironmental.com

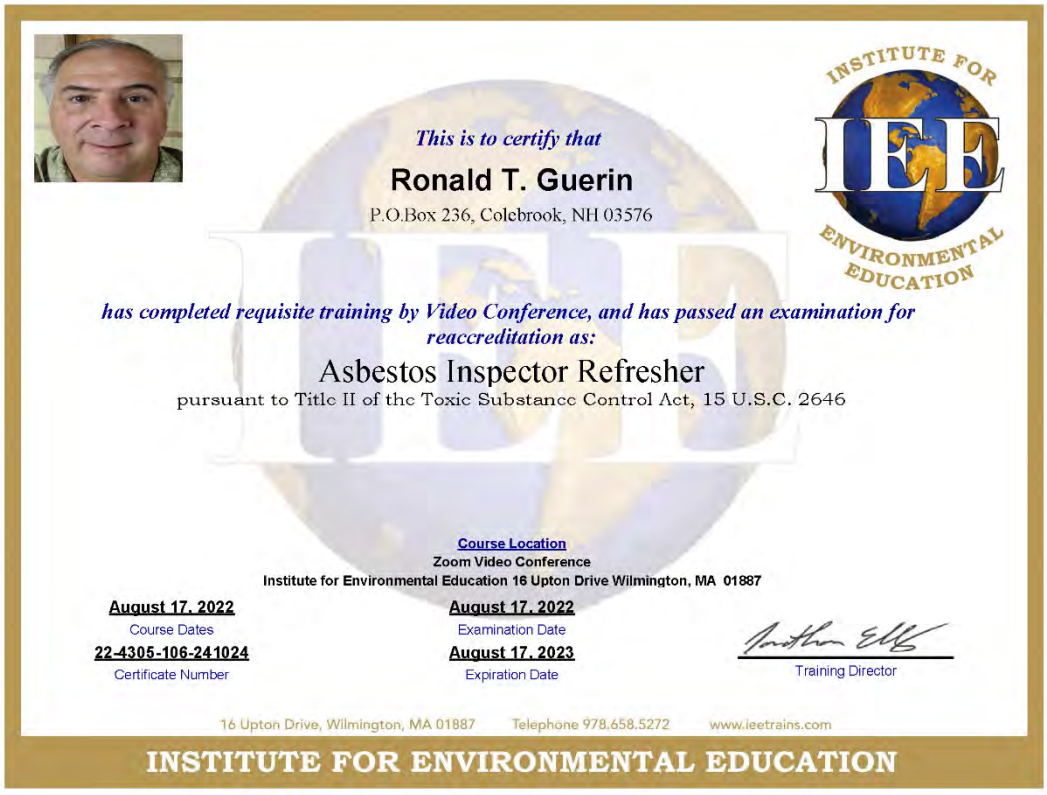
Inspector Credentials

STATE of NEW HAMPSHIRE
Department of Environmental Services
Asbestos Management & Control Program

ASBESTOS INSPECTOR

AI000401 R
RONALD T GUERIN DOB: 10/6/1957
EFF. Date: 10/6/2022 EXP. Date: 10/5/2023

Air Resources Division Director
Craig A. Wright



This is to certify that

Ronald T. Guerin

P.O.Box 236, Colebrook, NH 03576

INSTITUTE FOR ENVIRONMENTAL EDUCATION

has completed requisite training by Video Conference, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location
Zoom Video Conference
Institute for Environmental Education 16 Upton Drive Wilmington, MA 01887

August 17, 2022	August 17, 2022	
Course Dates	Examination Date	
22-4305-106-241024	August 17, 2023	Training Director
Certificate Number	Expiration Date	

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

Calex Environmental Consulting

Disclosure of Relationship

Calex Environmental, LLC (Company) and Hayes Microbial Consulting (Laboratory) are independently owned and operated entities without any affiliation legal or otherwise.

Ronald T. Guerin (inspector) is an employee of Calex Environmental, LLC and has no affiliation or interest with Hayes Microbial Consulting (Laboratory) legal or otherwise.

Authorized Signature
Company: _____ Date: June 23, 2023

Ronald T. Guerin
President, Calex Environmental, LLC

Inspector
Signature: _____ Date: June 23,2023

Ronald T. Guerin
Inspector

APPENDIX B

Laboratory Analytical Reports

HAYES MICROBIAL CONSULTING

#23022041

Amended Report

Analysis Report prepared for

Calex Environmental, LLC

110 Main St.
Colebrook, NH 03576

Phone: **(603) 237-9399**

BER-22-1A
422 Champlain

Collected: **May 16, 2023**
Received: **May 30, 2023**
Reported: **June 7, 2023**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 142 samples by FedEx in good condition for this project on May 30th, 2023.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. Information supplied by the customer can affect the validity of results. These results apply only to the samples as received. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC.

All information provided to Hayes Microbial is confidential information relating to our customers and their clients. We will not disclose, copy, or distribute any information verbally or written, except to those designated by the customer(s). We take confidentiality very seriously. No changes to the distribution list will be made without the express consent of the customer.

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

DPH License: #PH-0198

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Amended Report

Asbestos PLM Bulk, Asbestos Bulk Prep Fee

Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
1	A1 - Loose Insulation	Insulation / Black	100% Fiberglass	**None Detected**
2	A2 - Loose Insulation	Insulation / Black	100% Fiberglass	**None Detected**
3	B1 - Furnace Cement	Cementitious / Black		**None Detected**
4	E1 - Asphalt Roofing Shingle	Roofing / Black	25% Fiberglass	**None Detected**
5	E2 - Asphalt Roofing Shingle	Roofing / Black	25% Fiberglass	**None Detected**
6	E3 - Asphalt Roofing Paper	Paper / Black	40% Cellulose Fibers	**None Detected**
7	E4 - Asphalt Roofing Paper	Paper / Black	40% Cellulose Fibers	**None Detected**
8	E5 - Asphalt Roofing Paper	Paper / Black	40% Cellulose Fibers	**None Detected**
9	E6 - Asphalt Roofing Paper	Paper / Black	40% Cellulose Fibers	**None Detected**
10	E7 - Asphalt Roofing Shingle	Shingle / Black	25% Fiberglass	**None Detected**
11	E8 - Asphalt Roofing Shingle	Shingle / Black	25% Fiberglass	**None Detected**
12	E9 - Building Paper	Paper / Brown	100% Cellulose Fibers	**None Detected**
13	E10 - Building Paper	Paper / Brown	100% Cellulose Fibers	**None Detected**
14	E11 - Asphalt Roofing Shingle	Shingle / Black	30% Cellulose Fibers	**None Detected**
15	E12 - Asphalt Roofing Paper	Paper / Black	40% Cellulose Fibers	**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
16	E13 - Glazing	Glazing / Beige		2.00% Chrysotile
17	S1 - Asphalt Roll Roofing	Roofing / Black	25% Fiberglass	None Detected
18	S2 - Asphalt Roof Mastic	Adhesive / Black	25% Fiberglass	6.00% Chrysotile
19	S3 - Asphalt Roofing	Roofing / Black	20% Fiberglass	None Detected
20	S4 - Asphalt Roofing	Roofing / Black	10% Cellulose Fibers	None Detected
21	S5 - Asphalt Roofing	Roofing / Black	10% Cellulose Fibers	None Detected
22	S6 - Asphalt Roofing	Roofing / Black	10% Cellulose Fibers	None Detected
23	S7 - Asphalt Roofing	Roofing / Black	30% Cellulose Fibers	None Detected
24	S8 - Asphalt Roofing	Roofing / Black	15% Cellulose Fibers	None Detected
25	S9 - Asphalt Roof Mastic	Adhesive / Black	30% Cellulose Fibers	7.00% Chrysotile
26	S10 - Asphalt Roofing	Roofing / Black	40% Cellulose Fibers	None Detected
27	S11 - Asphalt Roof Mastic	Adhesive / Black		3.00% Chrysotile
28	S12 - Asphalt Siding (Brown)	Siding / Brown	40% Cellulose Fibers	None Detected
29	S13 - Asphalt Siding (Brown)	Siding / Brown	40% Cellulose Fibers	None Detected
30	S14 - Asphalt Roofing	Roofing / Black	40% Cellulose Fibers	None Detected

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
31	S15 - Asphalt Siding (Red)	Siding / Black	40% Cellulose Fibers	**None Detected**
32	S16 - Asphalt Siding (Red)	Siding / Black	40% Cellulose Fibers	**None Detected**
33	S17 - Mesh Roofing Cloth w/Mastic	Roofing / Black		**2.00% Chrysotile**
34	S18 - Mesh Roofing Cloth w/o Mastic	Roofing / White		**None Detected**
35	S19 - Cellulose Ceiling Tile	Ceiling Tile / Brown	100% Cellulose Fibers	**None Detected**
36	3-1 - Resilient Flooring	Floor Tile / Beige	40% Cellulose Fibers 5% Fiberglass	**None Detected**
37	3-2 - Resilient Flooring	Floor Tile / Beige	40% Cellulose Fibers	**None Detected**
38	3-3 - Drywall	Drywall / White/Brown	20% Cellulose Fibers	**None Detected**
39	3-4 - Drywall	Drywall / White/Brown	10% Cellulose Fibers	**None Detected**
40	3-5 - Texture Ceiling	Ceiling / White		**None Detected**
41	3-6 - Texture Ceiling	Ceiling / White		**None Detected**
42	3-7 - Joint Compound	Joint Compound / White		**None Detected**
43	3-8 - Joint Compound	Joint Compound / White		**None Detected**
44	3-9 - Plaster	Plaster / White	30% Animal Hair	**None Detected**
45	3-10 - Plaster	Plaster / White	30% Animal Hair	**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
46	3-11 - Resilient Flooring w/Adhesive	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
47	3-12 - Resilient Flooring w/Adhesive	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
48	3-13 - Resilient Flooring w/Adhesive	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
49	3-14 - Resilient Flooring w/Adhesive	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
50	3-15 - Adhesive	Adhesive / White		**None Detected**
51	3-16 - Adhesive	Adhesive / White		**None Detected**
52	3-17 - Adhesive	Adhesive / Beige		**None Detected**
53	3-18 - Adhesive	Adhesive / Beige		**None Detected**
54	3-19 - Resilient Flooring	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
55	3-20 - Resilient Flooring	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
56	3-21 - Masonite	Masonite / Brown	90% Cellulose Fibers	**None Detected**
57	3-22 - Plaster	Plaster / Brown	15% Fiberglass	**None Detected**
58	2-1 - Drywall	Drywall / White/Brown	15% Fiberglass 15% Cellulose Fibers	**None Detected**
59	2-2 - Drywall	Drywall / White/Brown	15% Fiberglass 15% Cellulose Fibers	**None Detected**
60	2-3 - Joint Compound	Joint Compound / White		**None Detected**
61	2-4 - Joint Compound	Joint Compound / White		**None Detected**
62	2-5 - Building Paper	Paper / Brown	100% Cellulose Fibers	**None Detected**
63	2-6 - Building Paper	Paper / Brown	100% Cellulose Fibers	**None Detected**
64	2-7 - Soundproofing	Soundproofing / Black		**2.00% Chrysotile**
65	2-8 - Formica w/Adhesive	Formica / Brown		**None Detected**
		Adhesive / Yellow		**None Detected**
66	2-9 - Formica w/Adhesive	Formica / Brown		**None Detected**
		Adhesive / Yellow		**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
67	2-10 - Texture Coating	Texture / White		**None Detected**
		Joint Compound / White		**None Detected**
		Drywall / White/Brown	60% Cellulose Fibers 3% Fiberglass	**None Detected**
68	2-11 - Texture Coating	Texture / White		**None Detected**
		Joint Compound / White		**None Detected**
		Drywall / White/Brown	60% Cellulose Fibers 3% Fiberglass	**None Detected**
69	2-12 - Drywall	Drywall / White/Brown	40% Cellulose Fibers 15% Fiberglass	**None Detected**
70	2-13 - Resilient Flooring w/Adhesive	Floor Tile / White	85% Cellulose Fibers 15% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
		(Wood Layer) / Brown	100% Cellulose Fibers	**None Detected**
71	2-14 - Resilient Flooring w/Adhesive	Floor Tile / White	70% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
		(Wood Layer) / Brown	100% Cellulose Fibers	**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
72	2-15 - Resilient Flooring	Floor Tile / White	40% Cellulose Fibers 10% Fiberglass	**None Detected**
73	2-16 - Resilient Flooring	Floor Tile / White	40% Cellulose Fibers 10% Fiberglass	**None Detected**
74	2-17 - Resilient Flooring Film w/Adhesive	Floor Film / Clear		**None Detected**
		Adhesive / Beige		**None Detected**
75	2-18 - Resilient Flooring Film w/Adhesive	Floor Film / Clear		**None Detected**
		Adhesive / Beige		**None Detected**
76	2-19 - Resilient Flooring	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
77	2-20 - Resilient Flooring	Floor Tile / White	60% Cellulose Fibers 10% Fiberglass	**None Detected**
78	2-21 - Masonite	Masonite / Brown	90% Cellulose Fibers	**None Detected**
79	2-23 - Texture Coating	Texture / White	30% Cellulose Fibers	**None Detected**
80	2-24 - Joint Compound	Joint Compound / White		**None Detected**
81	2-25 - Drywall	Drywall / White/Brown	20% Cellulose Fibers 15% Fiberglass	**None Detected**
82	2-26 - Texture Coating	Texture / White		**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
83	2-28 - Drywall	Drywall / White/Brown	20% Cellulose Fibers 15% Fiberglass	**None Detected**
84	2-29 - Resilient Flooring	Floor Tile / White	40% Cellulose Fibers 10% Fiberglass	**None Detected**
85	2-30 - Resilient Flooring	Floor Tile / White	40% Cellulose Fibers 10% Fiberglass	**None Detected**
86	2-31 - Drywall	Drywall / White/Brown	30% Cellulose Fibers 15% Fiberglass	**None Detected**
87	2-32 - Joint Compound	Joint Compound / White		**None Detected**
88	2-33 - Asphalt Roofing	Roofing / Black	30% Cellulose Fibers 15% Fiberglass	**None Detected**
89	2-34 - Asphalt Roofing	Roofing / Black	30% Cellulose Fibers 15% Fiberglass	**None Detected**
90	2-35 - Asphalt Roofing	Roofing / Black	20% Cellulose Fibers 20% Fiberglass	**None Detected**
91	2-36 - Asphalt Roofing	Roofing / Black	15% Cellulose Fibers 40% Fiberglass	**None Detected**
92	2-37 - Drywall	Drywall / Green	30% Cellulose Fibers 10% Fiberglass	**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
93	2-38 - Resilient Flooring w/Adhesive	Floor Tile / Brown	50% Cellulose Fibers 15% Fiberglass	**None Detected**
		Adhesive / Beige		**None Detected**
94	2-39 - Resilient Flooring w/Adhesive	Floor Tile / Brown	50% Cellulose Fibers 15% Fiberglass	**None Detected**
		Adhesive / Beige		**None Detected**
95	2-40 - Glazing	Glazing / Beige		**None Detected**
96	2-41 - Glazing	Glazing / White		**None Detected**
97	2-42 - Resilient Flooring w/Adhesive	Floor Tile / Brown	40% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Beige		**None Detected**
98	2-43 - Resilient Flooring w/Adhesive	Floor Tile / Brown	40% Cellulose Fibers 10% Fiberglass	**None Detected**
		Adhesive / Beige		**None Detected**
99	2-44 - Linoleum Flooring	Linoleum / Brown		**None Detected**
		Paper Layer / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Brown		**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
100	2-45 - Linoleum Flooring	Linoleum / Brown		**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Brown		**None Detected**
101	2-46 - Linoleum Flooring	Linoleum (Felt Layer) / Brown	90% Cellulose Fibers	**None Detected**
		Linoleum / Brown		**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Brown		**None Detected**
102	2-47 - Linoleum Flooring	Linoleum (Felt) / Brown	90% Cellulose Fibers	**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Brown		**None Detected**
		Linoleum / Brown		**None Detected**
103	2-48 - Linoleum Flooring	Linoleum / Green		**None Detected**
		Felt / Black	90% Cellulose Fibers	**None Detected**
104	2-49 - Linoleum Flooring	Linoleum / Green		**None Detected**
		Felt / Black	90% Cellulose Fibers	**None Detected**

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#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
105	2-50 - Masonite w/Adhesive	Masonite / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Yellow		**None Detected**
106	2-51 - Masonite w/Adhesive	Masonite / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Yellow		**None Detected**
107	2-52 - Cove Molding w/Adhesive	Cove Base / White		**None Detected**
		Adhesive / Beige		**None Detected**
108	2-53 - Cove Molding w/Adhesive	Cove Base / White		**None Detected**
		Adhesive / Beige		**None Detected**
109	2-54 - Resilient Flooring	Floor Tile / White		**None Detected**
		Paper / Beige	70% Cellulose Fibers 15% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**
110	2-55 - Resilient Flooring	Floor Tile / White		**None Detected**
		Paper / Beige	70% Cellulose Fibers 15% Fiberglass	**None Detected**
		Adhesive / Yellow		**None Detected**

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Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
111	1-1 - Texture Coating	Texture / White		**None Detected**
		Sheetrock / White/Brown	50% Cellulose Fibers	**None Detected**
112	1-2 - Texture Coating	Texture / White		**None Detected**
		Sheetrock / White/Brown	50% Cellulose Fibers	**None Detected**
113	1-3 - Ceiling Tile	Ceiling Tile / Tan	100% Cellulose Fibers	**None Detected**
114	1-4 - Ceiling Tile	Ceiling Tile / Tan	100% Cellulose Fibers	**None Detected**
115	1-5 - Plaster	Plaster / Brown	15% Animal Hair	**None Detected**
		Texture / Multi-colored		**None Detected**
116	1-6 - Plaster	Plaster / Brown	20% Animal Hair	**None Detected**
		Texture / Multi-colored		**None Detected**
117	1-7 - Adhesive on Paneling	Bulk Material / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Yellow		**None Detected**
		Paper / Beige	100% Cellulose Fibers	**None Detected**

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118	1-8 - Adhesive on Paneling	Bulk Material / Brown	100% Cellulose Fibers	**None Detected**
		Adhesive / Yellow		**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
119	1-9 - Drywall	Drywall / White/Brown	30% Cellulose Fibers	**None Detected**
120	1-10 - Resilient Flooring	Floor Tile / Tan		**None Detected**
		Felt / Black	80% Cellulose Fibers	**None Detected**
121	1-11 - Resilient Flooring	Floor Tile / Tan		**None Detected**
		Felt / Black	80% Cellulose Fibers	**None Detected**
122	1-12 - Linoleum Flooring	Linoleum / Gray		**None Detected**
123	1-13 - Linoleum Flooring	Linoleum / Gray		**None Detected**
124	1-14 - Linoleum Flooring	Linoleum / Beige	80% Cellulose Fibers	**5.00% Chrysotile**
125	1-15 - Linoleum Flooring	Linoleum / Beige	80% Cellulose Fibers	**8.00% Chrysotile**
126	1-16 - Texture Coating	Texture / White		**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
127	1-18 - Adhesive	Adhesive / Brown		**None Detected**

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(603) 237-9399

BER-22-1A
422 Champlain

#23022041
Amended Report

Asbestos PLM Bulk, Asbestos Bulk Prep Fee

Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
128	1-20 - Texture Coating	Texture / White		**None Detected**
129	1-21 - Texture Coating	Texture / White		**None Detected**
130	1-22 - Soundproofing	Soundproofing / Black		**4.00% Chrysotile**
131	1-23 - Joint Compound	Joint Compound / White		**None Detected**
132	1-24 - Joint Compound	Joint Compound / White		**None Detected**
133	1-25 - Adhesive on Wood	Adhesive / Brown		**None Detected**
134	1-26 - Adhesive on Wood	Adhesive / Brown		**None Detected**
135	1-27 - Resilient Flooring	Floor Tile / Beige		**None Detected**
		Paper / Brown	100% Cellulose Fibers	**None Detected**
136	1-28 - Formica W/Adhesive	Formica / Brown		**None Detected**
		Adhesive / Brown		**None Detected**
137	1-29 - Plaster w/Adhesive	Plaster / Gray		**None Detected**
		Felt / Black	70% Cellulose Fibers	**None Detected**
		Adhesive / Brown		**None Detected**

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Asbestos PLM Bulk, Asbestos Bulk Prep Fee

Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
138	1-30 - Plaster w/Adhesive	Plaster / Gray		None Detected
		Felt / Black	70% Cellulose Fibers	None Detected
		Adhesive / Brown		None Detected
139	1-31 - Floor Tile (9x9) Pink	Floor Tile / Pink		6.00% Chrysotile
140	1-32 - Floor Tile (9x9) Brown	Floor Tile / Brown		3.00% Chrysotile
		Adhesive / Black	10% Cellulose Fibers	None Detected
141	1-33 - Mastic	Mastic / Black	10% Cellulose Fibers	None Detected
142	1-34 - Mastic	Mastic / Black	10% Cellulose Fibers	None Detected

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422 Champlain

#23022041
Amended Report

Asbestos 400 Point Count

Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

#	Sample	Material Description	Total Points	Non-Asbestos Fibers	Asbestos Fibers
16	E13 - Glazing	Glazing / Beige	400		0.5% Chrysotile
33	S17 - Mesh Roofing Cloth w/Mastic	Roofing / Black	400		5.8% Chrysotile
64	2-7 - Soundproofing	Soundproofing / Black	400		0.8% Chrysotile
130	1-22 - Soundproofing	Soundproofing / Black	400		3.3% Chrysotile

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BER-22-1A
422 Champlain

#23022041
Amended Report

Asbestos Analysis Information

Subcontracted Lab: Laboratory Testing Services - NVLAP ID 600253-0

Analysis Details	All samples were received in acceptable condition unless otherwise noted on the report. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA, NIST, NVLAP, NY ELAP, or any agency. The results relate only to the items tested. Hayes Microbial Consulting reserves the right to dispose of all samples after a period of 60 days in compliance with state and federal guidelines.
PLM Analysis	All Polarized Light Microscopy (PLM) results include an inherent uncertainty of measurement associated with estimating percentages by PLM. Materials with interfering matrix, low asbestos content, or small fiber size may require additional analysis via TEM Analysis.
TEM Analysis	Analysis by TEM is capable of providing positive identification of asbestos type(s) and semi-quantitation of asbestos content.
Definitions	'None Detected' - Below the detected reporting limit of 1% unless point counting is performed, then the detected reporting limit is .25%.
New York ELAP	Per NY ELAP198.6 (NOB), TEM is the only reliable method to declare an NOB material as Non-Asbestos Containing. Any NY ELAP samples that are subcontracted to another laboratory will display the name and ELAP Lab Identification number in the report page heading of those samples. The original report provided to Hayes Microbial Consulting is available upon request.

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Company:
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COLEBROOK, NH 03576

Asbestos - Chain of Custody

Form v.101302.5

HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

Sample #	Sample Name	Analysis Type	Volume	TAT	Group #
A-1	LOOSE INSULATION	PLM		5 DAY	
A-2	LOOSE INSULATION	PLM		5 DAY	
B-1	FURNACE CEMENT	PLM		5 DAY	
E-1	ASPHALT ROOFING SHINGLE	PLM		5 DAY	
E-2	ASPHALT ROOFING SHINGLE	PLM		5 DAY	
E-3	ASPHALT ROOFING PAPER	PLM		5 DAY	
E-4	ASPHALT ROOFING PAPER	PLM		5 DAY	
E-5	ASPHALT ROOFING PAPER	PLM		5 DAY	
E-6	ASPHALT ROOFING PAPER	PLM		5 DAY	
E-7	ASPHALT ROOFING SHINGLE	PLM		5 DAY	
E-8	ASPHALT ROOFING SHINGLE	PLM		5 DAY	
E-9	BUILDING PAPER	PLM		5 DAY	
E-10	BUILDING PAPER	PLM		5 DAY	
E-11	ASPHALT ROOFING SHINGLE	PLM		5 DAY	

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Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:		Date:	5/30/23	

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DATE: 05-30-2023
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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
E-12	ASPHALT ROOFING PAPER	PLM		5 DAY		
E-13	GLAZING	PLM		5 DAY		
S-1	ASPHALT ROLL ROOFING	PLM		5 DAY		
S-2	ASPHALT ROOF MASTIC	PLM		5 DAY		
S-3	ASPHALT ROOFING	PLM		5 DAY		
S-4	ASPHALT ROOFING	PLM		5 DAY		
S-5	ASPHALT ROOFING	PLM		5 DAY		
S-6	ASPHALT ROOFING	PLM		5 DAY		
S-7	ASPHALT ROOFING	PLM		5 DAY		
S-8	ASPHALT ROOFING	PLM		5 DAY		
S-9	ASPHALT ROOF MASTIC	PLM		5 DAY		
S-10	ASPHALT ROOFING	PLM		5 DAY		
S-11	ASPHALT ROOF MASTIC	PLM		5 DAY		
S-12	ASPHALT SIDING (BROWN)	PLM		5 DAY		

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Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MK	Date:	5/30/23	

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
S-13	ASPHALT SIDING (BROWN)	PLM		5 DAY		
S-14	ASPHALT ROOFING	PLM		5 DAY		
S-15	ASPHALT SIDING (RED)	PLM		5 DAY		
S-16	ASPHALT SIDING (RED)	PLM		5 DAY		
S-17	MESH ROOFING CLOTH W/ MASTIC	PLM		5 DAY		
S-18	MESH ROOFING CLOTH W/O MASTIC	PLM		5 DAY		
S-19	CELLULOSE CEILING TILE	PLM		5 DAY		
3-1	RESILIENT FLOORING	PLM		5 DAY		
3-2	RESILIENT FLOORING	PLM		5 DAY		
3-3	DRYWALL	PLM		5 DAY		
3-4	DRYWALL	PLM		5 DAY		
3-5	TEXTURE CEILING	PLM		5 DAY		
3-6	TEXTURE CEILING	PLM		5 DAY		
3-7	JOINT COMPOUND	PLM		5 DAY		

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Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:		Date:	5/30/23	

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
3-8	JOINT COMPOUND	PLM		5 DAY		
3-9	PLASTER	PLM		5 DAY		
3-10	PLASTER	PLM		5 DAY		
3-11	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
3-12	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
3-13	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
3-14	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
3-15	ADHESIVE	PLM		5 DAY		
3-16	ADHESIVE	PLM		5 DAY		
3-17	ADHESIVE	PLM		5 DAY		
3-18	ADHESIVE	PLM		5 DAY		
3-19	RESILIENT FLOORING	PLM		5 DAY		
3-20	RESILIENT FLOORING	PLM		5 DAY		
3-21	MASONITE	PLM		5 DAY		

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
3-22	PLASTER	PLM		5 DAY		
2-1	DRYWALL	PLM		5 DAY		
2-2	DRYWALL	PLM		5 DAY		
2-3	JOINT COMPOUND	PLM		5 DAY		
2-4	JOINT COMPOUND	PLM		5 DAY		
2-5	BUILDING PAPER	PLM		5 DAY		
2-6	BUILDING PAPER	PLM		5 DAY		
2-7	SOUNDPROOFING	PLM		5 DAY		
2-8	FORMICA W/ ADHESIVE	PLM		5 DAY		
2-9	FORMICA W/ ADHESIVE	PLM		5 DAY		
2-10	TEXTURE COATING	PLM		5 DAY		
2-11	TEXTURE COATING	PLM		5 DAY		
2-12	DRYWALL	PLM		5 DAY		
2-13	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MG	Date:	5/30/23

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #
2-14	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY	
2-15	RESILIENT FLOORING	PLM		5 DAY	
2-16	RESILIENT FLOORING	PLM		5 DAY	
2-17	RESILIENT FLOORING FILM W/ ADHESIVE	PLM		5 DAY	
2-18	RESILIENT FLOORING FILM W/ ADHESIVE	PLM		5 DAY	
2-19	RESILIENT FLOORING	PLM		5 DAY	
2-20	RESILIENT FLOORING	PLM		5 DAY	
2-21	MASONITE	PLM		5 DAY	
2-23	TEXTURE COATING	PLM		5 DAY	
2-24	JOINT COMPOUND	PLM		5 DAY	
2-25	DRYWALL	PLM		5 DAY	
2-26	TEXTURE COATING	PLM		5 DAY	
2-28	DRYWALL	PLM		5 DAY	
2-29	RESILIENT FLOORING	PLM		5 DAY	

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Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MB	Date:	5/30/23	

ASBESTOS 23022041

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
2-30	RESILIENT FLOORING	PLM		5 DAY		
2-31	DRYWALL	PLM		5 DAY		
2-32	JOINT COMPOUND	PLM		5 DAY		
2-33	ASPHALT ROOFING	PLM		5 DAY		
2-34	ASPHALT ROOFING	PLM		5 DAY		
2-35	ASPHALT ROOFING	PLM		5 DAY		
2-36	ASPHALT ROOFING	PLM		5 DAY		
2-37	DRYWALL	PLM		5 DAY		
2-38	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
2-39	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
2-40	GLAZING	PLM		5 DAY		
2-41	GLAZING	PLM		5 DAY		
2-42	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		
98 2-43	RESILIENT FLOORING W/ ADHESIVE	PLM		5 DAY		

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MB	Date:	5/30/23

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
2-44	LINOLEUM FLOORING	PLM		5 DAY		
2-45	LINOLEUM FLOORING	PLM		5 DAY		
2-46	LINOLEUM FLOORING	PLM		5 DAY		
2-47	LINOLEUM FLOORING	PLM		5 DAY		
2-48	LINOLEUM FLOORING	PLM		5 DAY		
2-49	LINOLEUM FLOORING	PLM		5 DAY		
2-50	MASONITE W/ADHESIVE	PLM		5 DAY		
2-51	MASONITE W/ADHESIVE	PLM		5 DAY		
2-52	COVE MOLDING W/ADHESIVE	PLM		5 DAY		
2-53	COVE MOLDING W/ADHESIVE	PLM		5 DAY		
2-54	RESILIENT FLOORING	PLM		5 DAY		
2-55	RESILIENT FLOORING	PLM		5 DAY		
1-1	TEXTURE COATING	PLM		5 DAY		
1-2	TEXTURE COATING	PLM		5 DAY		

1/2

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

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Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MG	Date:	5/30/23	

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HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

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Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
1-3	CEILING TILE	PLM		5 DAY		
1-4	CEILING TILE	PLM		5 DAY		
1-5	PLASTER	PLM		5 DAY		
1-6	PLASTER	PLM		5 DAY		
1-7	ADHESIVE ON PANELING	PLM		5 DAY		
1-8	ADHESIVE ON PANELING	PLM		5 DAY		
1-9	DRYWALL	PLM		5 DAY		
1-10	RESILIENT FLOORING	PLM		5 DAY		
1-11	RESILIENT FLOORING	PLM		5 DAY		
1-12	LINOLEUM FLOORING	PLM		5 DAY		
1-13	LINOLEUM FLOORING	PLM		5 DAY		
1-14	LINOLEUM FLOORING	PLM		5 DAY		
1-15	LINOLEUM FLOORING	PLM		5 DAY		
1-16	TEXTURE COATING	PLM		5 DAY		

120

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MG	Date:	5/30/23	

ASBESTOS 23022041

SHIP: FEDEX - BOX SO
DATE: 05-30-2023

8087 5310 9793

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HAYES
MICROBIAL CONSULTING
3005 East Boundary Terrace, #F
Midlothian, VA 23112, USA
804.562.3435 Fax: 804.447.5562

Company:
CALEX ENVIRONMENTAL, LLC
PO BOX 236
COLEBROOK, NH 03576

Asbestos - Chain of Custody

Form v.101302.5

HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

137

Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos. Stop
1-18	ADHESIVE	PLM		5 DAY		
1-20	TEXTURE COATING	PLM		5 DAY		
1-21	TEXTURE COATING	PLM		5 DAY		
1-22	SOUNDPROOFING	PLM		5 DAY		
1-23	JOINT COMPOUND	PLM		5 DAY		
1-24	JOINT COMPOUND	PLM		5 DAY		
1-25	ADHESIVE ON WOOD	PLM		5 DAY		
1-26	ADHESIVE ON WOOD	PLM		5 DAY		
1-27	RESILIENT FLOORING	PLM		5 DAY		
1-28	FORMICA W/ ADHESIVE	PLM		5 DAY		
1-29	PLASTER W/ ADHESIVE	PLM		5 DAY		
1-30	PLASTER W/ ADHESIVE	PLM		5 DAY		
1-31	FLOOR TILE (9X9) PINK	PLM		5 DAY		
1-32	FLOOR TILE (9X9) BROWN	PLM		5 DAY		

140

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MB	Date:	5/30/23	

ASBESTOS 23022041

SHIP: FEDEX - BOX SO
DATE: 05-30-2023

8087 5310 9793

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PO BOX 236
COLEBROOK, NH 03576

Asbestos - Chain of Custody

Form v.101302.5

HMC #

Job Number:	BER-22-1A	Job Name: 422 CHAMPLAIN	Collector:	RONALD GUERIN	Email: rguerin@calexenvironmental.com
Date Collected:	5/16/2023		Notes:		
Mobile:	6033311963				

141
142

Sample #	Sample Name	Analysis Type	Volume	TAT	Group #	Pos.
1-33	MASTIC	PLM		5 DAY		
1-34	MASTIC	PLM		5 DAY		

ASBESTOS 23022041

SHIP: FEDEX - BOX SO
DATE: 05-30-2023

8087 5310 9793

N

Analysis Type		Description	Available Turn-Around Times
PLM	PLM	EPA 600/R-93/116, M-4/82-020	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	PC	EPA Point Count	3 Hour, Same Day, 1 Day, 2 Day, 3 Day, 5 Day
	NY	NYSDOH ELAP 198.1, 198.6	1 Day, 2 Day, 3 Day, 5 Day
PCM	PCM	NIOSH 7400	Same Day, 1 Day, 2 Day, 3 Day, 5 Day
TEM	TEM-A	TEM Air (AHERA)	1 Day, 2 Day, 3 Day, 5 Day
	TEM-C	TEM Bulk (Chatfield)	1 Day, 2 Day, 3 Day, 5 Day

Relinquished by:	RONALD GUERIN	Date:	5/26/2023	Rcvd By:	MB	Date:	5/30/23	

HAYES MICROBIAL CONSULTING

#23022039

Analysis Report prepared for

Calex Environmental, LLC

110 Main St.
Colebrook, NH 03576

Phone: **(603) 237-9399**

BER-22-1B
422 Champlain

Collected: **May 16, 2023**
Received: **May 30, 2023**
Reported: **June 2, 2023**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 1 samples by FedEx in good condition for this project on May 30th, 2023.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. Information supplied by the customer can affect the validity of results. These results apply only to the samples as received. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC.

All information provided to Hayes Microbial is confidential information relating to our customers and their clients. We will not disclose, copy, or distribute any information verbally or written, except to those designated by the customer(s). We take confidentiality very seriously. No changes to the distribution list will be made without the express consent of the customer.

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

DPH License: #PH-0198

Ronald Guerin
Calex Environmental, LLC
110 Main St.
Colebrook, NH 03576
(603) 237-9399

BER-22-1B
422 Champlain

#23022039

TCLP Lead
Subcontracted Lab: EHS - Lab ID# 11714

#	Sample	Weight (g)	Lead Concentration (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
1	TCLP-1 - 422 Champlain St Building Composite	100	1.8	5.0	0.50

Ronald Guerin
Calex Environmental, LLC
110 Main St.
Colebrook, NH 03576
(603) 237-9399

BER-22-1B
422 Champlain

#23022039

Lead Analysis Information

Subcontracted Lab: EHS - Lab ID# 11714

Lead in Air Analysis

The OSHA Action Level for Lead in Air is 30 ug/m^3. The OSHA Permissable Exposure Limit for an 8 Hour Time Weighted Average is 50ug/m^3. Sample Results denoted with a "less than" (<) symbol contain less than 2.00ug total lead, based on a 10mL volume.

Dust Wipe Lead Analysis

The regulatory guidelines for lead dust by wipe sampling are as follows:

Location	EPA Clearance Level	EPA Hazard Level	New York City DOHMH Standard
Floors (FL)	<40.0µg/ft^2	10.0µg/ft^2	5.0µg/ft^2
Interior Window Sills (SL)	<250.0µg/ft^2	100.0µg/ft^2	40.0µg/ft^2
Window Wells (WW)	<400.0µg/ft^2		100.0µg/ft^2

The Reporting Limit is 10.00µg Total Pb. Reported results are not corrected for field blanks. Dust wipe area and results are calculated based on area measurements determined by the client.

Paint Chip Lead Analysis

The HUD lead guidelines for lead paint chips are 0.50% by weight, 5000 ppm, or 1.0mg/cm^2. The Reporting Limit is 10µg Total Pb.

Water Lead Analysis

Minimum Reporting Limit: 0.2mg/L lead concentration. EPA Regulatory Limit: 5.0mg/L.

Soil Lead Analysis

The Federal lead guidelines for lead in soil is 400µg/g (ppm) in play areas, and 1200 µg/g (ppm) in bare soil in the remainder of the yard. The Reporting Limit is 10.0 µg Total Pb.

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Calex Environmental, LLC
110 Main St.
Colebrook, NH 03576
(603) 237-9399

Lead - Chain of Custody

Form v.101308.1

HMC #

Job Number: BER-22-1B	Job Name:	Collector: Ronald Guerin	Email: rguerin@calexenvironmental.c
Date Collected: 5/16/2023	422 CHAMPLAIN	Notes: 1 OF 1	
Mobile: 6033311963			

Sample #	Sample Name	Analysis Type	Volume	TAT	Notes
TCLP-1	422 CHAMPLAIN ST BUILDING COMPOSITE	TCLP - LEAD	+/-110 GR	3 DAY	

N
SHIP: FEDEX - BOX 50
DATE: 05-30-2023
8087 5310 9793

Metals
ASBESTOS
23022039

Analysis Type		Description	Available Turn-Around Times
Air	LA	NIOSH 7082	Same Day, 1 Day, 3 Day, 5 Day
Wipe	LW	EPA 7000B Lead Wipe	Same Day, 1 Day, 3 Day, 5 Day
Paint	LP	EPA 7000B Paint Chip	Same Day, 1 Day, 3 Day, 5 Day
TCLP	TCLP	TCLP Lead	1 Day, 3 Day

Relinquished by:	Date:	Rcvd By:	Date:	Time:
RON GUERIN	5/25/23	MO	5/30/23	

APPENDIX C

Photos

Garage Shed roofs with ACM Mastic/cement.

APPENDIX D

Asbestos Demolition/Renovation Notification Form Definitions

(603) 237-9399 PO Box 236, Colebrook, NH 03576 (603) 237-9303 (fax)

office@calexenvironmental.com www.calexenvironmental.com

NHDES-A-01-016

Asbestos Demolition/Renovation Notification Form

Air Resources Division/Compliance Bureau
Asbestos Management and Control Program
RSA/Rule: RSA 141-E:4, I and II and Env-A 1800

***Complete all sections of this form in detail.**

***See the attached Directions for Completing Your Asbestos Demolition/Renovation Notification Form.**

I. TYPE OF NOTIFICATION (Check One)

[X] New Notification	[ ] Revised Notification	[ ] Cancelled Project	Fee Enclosed: $

II. PROJECT TYPE (Check All That Apply)

[X] Demolition [ ] Renovation [ ] Pickup and Disposal [ ] *Emergency

**For emergency projects, describe the emergency on a supplemental sheet. Attach any government order requiring the work.*

For Official Use, Do not write in this box

**Contact the department to obtain waiver # for inclusion on this form.*
Waiver #: _____ Date Obtained: _____

III. BUILDING INFORMATION

Building/Site Name: 422 Champlain Street				
Street Address: 422 Champlain Street		Town/City: Berlin	State: NH	ZIP Code: 03576
Year Constructed: Circa 1910	Size (ft^2): +/-2,000 Ft2 (3) floors & +/-1,100 Ft2 Garage	Number of Floors: 2 1/2		
Current Use: Abandoned		Prior Use: Residential multi-family		

IV. ACM INSPECTION AND WORK DETAILS

Asbestos Supervisor to perform abatement: _____ Cert #: AS_____

Asbestos Inspection Conducted by: Calex Environmental, LLC, Ronald Guerin Date: 5/16/2023

Type of inspection (Check all that apply): [X] Visual [X] Analytical Testing [ ] No ACM Present

Asbestos Abatement	Demolition	Weekly Work Schedule
Start Date: _____	Start Date: _____	Days of Work: _____
End Date: _____	End Date: _____	Time of Day of Work: _____ to _____

ACM Present		ACM to be Abated		List Types of Asbestos and Location in Building
Friable	Non-Friable	Friable	Non-Friable	
ft	ft	ft	ft	Asphalt mastic/cement garage roof 3%-7%; Linoleum drawer/cabinet liners, 1st floor kitchen 5%-8%; Soundproofing, 1st floor kitchen sink 3.3% - 4%; 9x9 floor tiles, 1st floor entryway 3% -6%. All chrysotile.
ft^2	+/- 1,267 ft^2	ft^2	ft^2	
ft^3	ft^3	ft^3	ft^3	

Briefly describe work practices to be employed. Attach additional pages if needed.

V. PROPERTY OWNER INFORMATION			
Owners Name			
Owners Mailing Address	Town/City	State	ZIP Code
Owner Contact			
Contact's Phone	Email (Optional)		

VI. ABATEMENT CONTRACTOR INFORMATION			
Company Name			
Company Mailing Address	Town/City	State	ZIP Code
Company Contact	Phone Email (Optional)		

VII. DEMOLITION CONTRACTOR INFORMATION			
Company Name			
Company Mailing Address	Town/City	State	ZIP Code
Company Contact	Phone Email (Optional)		

VIII. ACM WASTE TRANSPORTER				
Transporter Name	Mailing Address	Town/City	State	ZIP Code
Transporter Contact Name	Phone Number			

IX. FINAL WASTE DISPOSAL FACILITY				
Facility Name	Street Address	Town/City	State	ZIP Code
Phone Number				

X. I Certify That the Above Information Is Correct	
Signature	Print Name
Title	Date

Asbestos Definitions and Classifications

ACM	(Asbestos Containing Material) – Asbestos product containing more than 1% asbestos. ACM must be disposed of as hazardous material. Note: Federal OSHA controls materials containing any amount of asbestos.
ACBM	(Asbestos Containing Building Material) – AHERA term for material containing more than 1% asbestos in or on interior structural members or other structural components. Includes covered walkways, porticos and exterior HVAC TSI.
PACM	(Presumed Asbestos Containing Material) OSHA considers all TSI and surfacing materials installed prior to1980 to be ACM unless proven otherwise.
FRIABLE	Asbestos Containing Material that can be crumbled pulverized or reduced to powder by hand pressure when dry.

Categories of Asbestos Used BY EPA AHERA and OSHA

TSI	(Thermal System Insulation) - “Thermal system insulation (TSI)” means ACM applied to pipes, fittings, boilers, breeching, tanks, ducts or other structural components to prevent heat loss or gain. “Thermal system insulation ACM” is thermal system insulation which contains more than 1% asbestos.
SURFACING (usually mixed on site at time of application)	“Surfacing material” means material that is sprayed, troweled-on or otherwise applied to surfaces (such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, and other purposes). “Surfacing ACM” means surfacing material which contains more than 1% asbestos. NOTE: OSHA does not classify skim coat, taping mud, floor tile mastic, stucco, leveling compound, and hard wall plasters or wall texturing (including textured paint) as surfacing.
MISC.	All other ACM, including taping mud, floor tile mastic, stucco, leveling compound, and hard wall plasters or wall texturing as surfacing.

NESHAPS Categories for Asbestos

Category I	Cat I Non-friable Asbestos Containing Material (ACM) refers to asbestos containing packing, gaskets, resilient floor covering, Galbestos, and asphalt roofing products containing more than 1% asbestos.
Category II	Cat II Non-friable Asbestos-Containing Material (ACM) is any material that is not Cat I that contains greater than 1% asbestos.
RACM	“Regulated Asbestos-Containing Material.” – Friable Asbestos containing material (ACM) or a Category I non-friable ACM that has become friable OR a Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading OR Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.