



January 26, 2021

Rick Dunne
President
Connecticut Brownfield Land Bank, Inc.
c/o Naugatuck Valley Council of Governments
49 Leavenworth Street, Third Floor
Waterbury, CT 06702

**RE: PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY REPORT
1 WATROUS STREET, EAST HAMPTON, CONNECTICUT
(HRP#CTB4001.P2)**

Dear Mr. Dunne:

Enclosed is HRP Associates, Inc.'s (HRP's) pre-renovation hazardous materials survey report prepared for the facility located at 1 Watrous Street, East Hampton, Connecticut. The investigation included sampling of suspect asbestos-containing materials, PCB-containing materials, a lead-based paint screening survey, and an inventory of hazardous building items.

HRP's conclusions and recommendations are summarized in Section 7.0 of this report. If you have any questions about this report, please do not hesitate to contact HRP at (860) 674-9570. Thank you.

Sincerely yours,

A handwritten signature in black ink that reads 'Alisa Werst'.

Alisa Werst
Senior Project Scientist
Asbestos Inspector and Designer

A handwritten signature in blue ink that reads 'Douglas S. Allen'.

Douglas S. Allen, PG, LEP
Project Manager

cc: Jeremy DeCarli (Planning & Zoning Official Town of East Hampton)

Attachment



PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY REPORT

**1 Watrous Street
East Hampton, Connecticut**

Prepared For:

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HRP #: CTB4001.P2

Issued On: January 26, 2021



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1.0 EXECUTIVE SUMMARY

1.1 Background

Connecticut Brownfields Land Bank, Inc. (CT BLB) retained HRP Associates, Inc. (HRP) to conduct hazardous materials surveys of the vacant facility located at 1 Watrous Street (the "subject building") in East Hampton, Connecticut. The surveys included the interior and exterior, including the roofs, of the subject building. This work was completed pursuant to a Request for Proposals (RFP) issued by CTBLB, and was funded by an U.S. Environmental Protection Agency (EPA) Brownfields Assessment Grant Program as RFA #19080.

One two-story, mill-style building is currently present on the Site, which is approximately 19,447 square feet in size and constructed primarily of brick and wood. According to the Town of East Hampton assessor property card, the Site building was constructed in 1927. However, other historical records indicate that the building was constructed in 1880. The building interior is generally improved by gypsum wall and ceiling board and associated joint compound, suspended ceiling tiles, floor tiles and associated adhesive, carpet adhesive, wall panel adhesive, window glazing, thermal system insulation, and other miscellaneous adhesives and caulks. The roof had apparently collapsed in on the northern portion of the building, but the remaining sections of the building were structurally in good condition.

The investigation included a NESHAP-type asbestos-containing materials (ACM) survey; a lead based-paint screening survey; a PCB-containing materials survey; and a survey of other hazardous materials (hazmats), including polychlorinated biphenyls (PCBs), mercury, refrigerants, and miscellaneous materials such as smoke detectors, fire extinguishers, and petroleum products. These surveys were conducted to determine the presence or absence of ACM, lead-based paint, PCBs, and hazmats for the subject building to facilitate proper management of those materials prior to renovation and/or demolition activities. As such, this information can be utilized to design a plan for proper management of ACMs, PCBs, and other hazardous materials. At the time of the HRP survey, the subject building was vacant. The room identifications provided in this survey report were designated by HRP.

A Quality Assurance Project Plan (QAPP) was prepared by HRP for the hazardous materials surveys at the property as required for U.S. Environmental Protection Agency Brownfields funding. The QAPP outlined the proposed procedures and activities in order to ensure that all data collected and analyzed are of known and suitable quality and quantity. The QAPP was submitted to the EPA for review on August 18, 2020. The QAPP was approved on September 16, 2020. The hazardous materials survey work was performed pursuant to the QAPP.

1.2 Inspection Survey Limitations

At the time of this HRP investigation, all interior and exterior areas of the subject building were accessible, with the exception of an apparent crawl space located beneath the mid-western portion of the building. A pipe trench in the floor of the garage in this area appeared to lead into a crawl space, but no entrance to the crawlspace was evident. Destructive sampling methods were used to obtain samples of representative building materials. However, the walls, floors, and ceilings were penetrated to identify construction materials in selected areas only.

2.0 ASBESTOS SURVEY

Connecticut State licensed Asbestos Inspectors Alisa Werst (License Number 000343) and Melissa Noryk (License Number 001001) conducted the asbestos survey of the subject building on November 2, 2020. Ms. Werst returned to collect additional samples on November 20, 2020. The purpose of the survey was to identify and sample suspected friable and non-friable asbestos-containing materials (ACMs) throughout the interior and exterior of the subject building, and to determine the presence or absence of ACM prior to the renovation and/or demolition of the facility. A professional roofer was utilized to cut and patch the sampling locations on the roof deck.

The ACM survey was conducted in accordance with the U. S. Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61M pre-demolition survey, 40 CFR Part 763, and State of Connecticut Department of Public Health (DPH) Asbestos Regulations (Section 19a-332a-1 through 19a-332a-16).

ACM is defined as those materials that contain an asbestos content greater than 1%. Materials that are confirmed to contain greater than 1% asbestos content must be abated prior to any impact by renovation or demolition activity.

2.1 Methods

2.1.1 Building Inspection Procedure

During the survey, the inspectors classified each suspect ACM as one of three types: (1) surfacing material applied by spray or trowel; (2) thermal system insulation (TSI) on pipes, tanks, boilers, and related features; or (3) miscellaneous material not classified as surfacing material or thermal system insulation. The inspectors touched all assumed or suspected materials on all accessible surfaces including walls, floors, ceilings, structural members, and mechanical equipment to determine their friability or the extent to which the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure.

2.1.2 Sampling Strategy and Methodology

Suspected ACM was first classified into homogeneous sampling areas. A homogeneous area contains material that is uniform in texture and appearance, was likely installed during the same time period, and is unlikely to consist of more than one type or formulation of material. The inspector collected samples from homogeneous areas. Multiple samples were collected from homogeneous areas, as appropriate.

Limited destructive sampling techniques were employed, and did not create a safety hazard or affect the overall integrity of the structure. To avoid disturbing the material any more than necessary and to minimize any unnecessary release of asbestos fibers during collection, the HRP inspector performed bulk sampling of suspect ACM in accordance with generally accepted procedures outlined in the EPA document "Guidance for Controlling Asbestos-Containing Materials in Buildings" (EPA-560/5-85-024, June 1985).

Each sample was collected using appropriate methods and placed in clean, sealable plastic bags and labeled with a unique sample identification number. Each bulk sample was given a unique sample number as follows:

“110220-2A”

- 110220 – The first number in the sample ID series represents the date of the sampling event.
- 2 – The second number in the sample ID series represents the numerical value given to each new homogeneous material (HMAT) identified during the inspection. In this example, the 2nd different homogenous material sampled.
- A – The last letter in the sequence is the sample letter in the HMAT series. In this case, it is the first sample taken of HMAT number 2. The second sample in the HMAT series would be letter B.

Building floor plan drawings depicting suspected and confirmed ACM sampling locations for the subject building are provided as **Figures 1A-1C**.

Bulk samples of suspected ACM were submitted to EMSL Analytical, Inc. (EMSL), located in New York, New York, for analysis of asbestos content. EMSL analyzed all layers of each bulk sample using Polarizing Light Microscopy (PLM). EMSL is an American Industrial Hygiene Association (AIHA) accredited laboratory.

Point counting analysis is typically conducted on selected friable-type PLM samples in which asbestos was initially detected at levels at or below 5%. Point counting analysis is a more precise test than standard PLM analysis, and therefore the point counting results supersede the standard PLM analytical results. No samples were selected for confirmatory point counting analysis.

Transmission Electron Microscopy (TEM) analysis is typically conducted on non-friable organically bound (NOB) PLM samples (i.e. mastics, tars, caulks) in which asbestos was initially detected at trace levels (<1%). TEM analysis is a more precise test than standard PLM analysis in identifying the smallest size asbestos fibers bound in a non-friable organic matrix, and therefore the TEM results can supplement the PLM analytical results in evaluating the presence of asbestos. Two samples were selected for confirmatory TEM analysis, including 110220-12A and 18A.

2.1.3 Building Material Condition Assessment Methodology

During the survey, presumed and suspect ACM identified by the inspectors were assessed for the materials overall condition and friability potential. At the time of the survey, each suspect material was given the condition of significantly damaged, damaged, or good. AHERA defines a material as significantly damaged if ten percent (10%) or greater of the material is evenly deteriorated, crumbling, hanging, or if the material contains over 25% localized damage. A damaged material is one that has less than 10% evenly distributed damage or less than 25% localized damage. A material in good condition is a material with no visible damage or deterioration, or showing only very limited damage or deterioration.

Friability of presumed or suspect ACM was evaluated by determining the extent to which the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. The results of this evaluation are presented for each sample collected by HRP in **Table 2**.

2.2 Asbestos Inspection Results

Homogenous building materials identified during the survey are documented in **Table 1** and **Table 2** of this report. Table 1 includes all suspect materials that were identified and/or sampled during the survey (including non-ACMs and ACMs). Table 2 includes only confirmed ACMs (greater than or equal to 1% asbestos detected) and presumed ACMs (PACMs) identified during the survey.

A total of 87 different homogeneous building materials were sampled and a total of 177 representative samples were submitted to EMSL for analysis. Copies of the laboratory analytical reports are attached as **Appendix A**. The following sections provide a discussion of specific confirmed ACM and confirmed non-ACM identified during the survey.

2.2.1 Confirmed ACM

According to analytical results, the following materials are confirmed to contain greater than 1% asbestos (see Table 2 for detailed descriptions):

- Black Mastic For 12" X 12" Pink Floor Tile – Confirmed by TEM analysis
- Gray Paper in Wall (debris in wall hole)
- Black Glue Daubs For Fiberglass Panel
- Gray Window Glazing For Window Style 1
- Gray Window Glazing For Window Style 2
- White Pipe Insulation
- Gray Corrugated Pipe Insulation
- Black Roof Flashing Sealant
- Roofing Field Layers under EPDM, Including Tan Rolled Roofing, Silver Painted Layer, Black Felt Paper
- Gray Flashing Cement and Remnant Black Flashing Tar
- Roofing Material in Debris Pile

According to analytical results, the following materials are confirmed to contain less than 1% asbestos (see Table 1 for detailed descriptions):

- Gray Adhesive For Rubber Mat– Confirmed by TEM Analysis

Samples of the black mastic associated with the 12"x12" pink floor tile and of the gray adhesive for the rubber mat flooring, which initially exhibited concentrations of chrysotile or anthophyllite asbestos at less than 1%, were re-analyzed using the TEM analysis method. TEM analysis is a more precise test than standard PLM analysis in identifying the smallest size asbestos fibers bound in a non-friable organic matrix, and therefore the TEM results can supplement the PLM analytical results in evaluating the presence of asbestos. The results of the TEM analysis indicated asbestos at 2.6% chrysotile in the black mastic and less than 0.28% anthophyllite in the gray adhesive for the rubber mat flooring.

2.2.2 Presumed ACM

Any materials that are not identified and/or sampled as part of an asbestos survey should be assumed to contain asbestos until sampled and proven otherwise. Suspect ACM that cannot be sampled during an inspection would be classified as presumed ACM (PACM) if the material satisfied one or more of the following conditions: 1) the material was inaccessible, 2) sampling would potentially cause critical damage to the building system, or 3) sampling was inherently dangerous.

The following materials were identified as PACMs during this survey:

- Gray Transite Pipe in Chimney

2.2.3 Confirmed Non-ACM

Table 1 includes suspect materials that were sampled and determined to be non-ACM (1% or less than 1% asbestos detected). It is noted that fiberglass insulation was observed on piping in the garage. By nature, fiberglass is classified as a non-ACM and, therefore, sampling of this material is not required. No older insulation materials were identified beneath the fiberglass insulation during the current asbestos survey.

3.0 LEAD PAINT SURVEY

3.1 Lead Based Paint Survey

On November 2, 2020, an X-ray Fluorescence (XRF) screening survey was conducted on representative painted surfaces for the interiors and exteriors of the subject building to determine the presence of lead. Mr. Neal Freuden, Connecticut licensed Lead Inspector and Risk Assessor (License #000152) of EnviroPlan conducted the testing. The XRF testing was conducted with an RMD Model lead paint spectrum analyzer instrument (Serial number 2756). EnviroPlan conducted a walkthrough XRF field screening of the painted surfaces for the subject building. The XRF instrument provided quick and accurate readings in a non-destructive manner, and allows for the collection of a large number of readings from a given building so that all accessible paint types and colors can be included in the survey. The XRF instrument used for the survey is designed to analyze the painted surface and not the substrate material (metal, wood, concrete, etc.), and does not require substrate correction.

Lead-based paint is defined as having lead content equal to or greater than 1.0 milligrams per square centimeter (mg/cm²) in building painted surfaces. Lead-containing paint is defined as having any lead content (greater than 0.0 mg/cm²) in painted surfaces.

A copy of the XRF inspection report is included in **Appendix B**. The survey results indicated that lead-based paint (paint having a lead concentration ≥ 1.0 mg/cm²) was detected in the following tested materials:

- Door casings and door jams located in the first floor and second floor restrooms
- First floor restroom door
- West wall located in the stairwell
- West wall located in the 2nd floor hall

The survey results indicated lead-containing paint (paint having a lead concentration >0.0 mg/cm²) was detected throughout the building in the following materials:

- Door casing located in the first-floor shop area, the garage, and rooms 2 and 4.
- Door jams located in rooms 3 and 19, and the second-floor hall.
- Doors located in the garage, rooms 4 and 14, first floor rest room, second floor rest room, and second floor shop area.
- Windowsills located in the first-floor shop area and room 4.
- Window sash located in the first-floor shop area.
- Window trim located in the first-floor rest room and stairwell.
- Walls located in the second-floor shop area, stairwell, and rooms 4, 6, 13, 29 and 17.

Room locations are depicted on the attached Figures.

The Occupational Safety and Health Administration (OSHA) requires compliance with the Lead in Construction Standard (29 CFR 1926.62) during the renovation or demolition of any building with lead-containing paint (e.g. any detectable concentration of lead). This standard is designed to protect workers from exposure to lead during renovation or demolition activities.

Compliance with OSHA's Lead in Construction Standard will apply during abatement and demolition activities that may impact lead-containing paint for the building. All work practices that may disturb or impact lead-containing paint components should be conducted in compliance with OSHA 29 CFR 1926.62 (Lead in Construction Standard). A disturbance of lead-containing paint components requires compliance with the OSHA Lead in Construction Standard 1926.62 if one of the following activities is performed during a renovation or demolition activity: abrasive blasting, welding, cutting, burning on structures, manual scraping or sanding, and manual demolition of structures.

4.0 PCBS

4.1 PCB Caulk and Glazing Sample Collection and Analysis

HRP Asbestos Inspectors conducted a PCB material sampling survey in conjunction with the asbestos investigation. The survey included sampling of caulk and glazing material for the subject building. A total of six samples of materials were collected on November 2, 2020; including six interior window glazing samples.

Each sample was placed into a sealed glass jar and was submitted to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for PCB analysis by EPA Method 8082A and Soxhlet Extraction Method 3540C. A summary of the suspect PCB-containing materials and sampling results is presented in **Table 3**. This table includes material descriptions, locations, sample number, and PCB content and estimated quantities (if any). The sample locations are shown on **Figures 2A-2B**. A copy of the laboratory analytical report is attached as **Appendix C**.

PCBs were not detected above the EPA 50 mg/Kg TSCA regulatory threshold in the collected samples. The collected interior window glazing samples from the larger metal framed windows identified as window style 1 and window style 2, exhibited PCB concentrations greater than 1 mg/Kg, and are in exceedance of the Connecticut Department of Energy and Environmental Protection (CT DEEP) cleanup criteria of 1 mg/Kg. Any material with PCB content greater than 1 mg/Kg is classified by the CT DEEP as an unauthorized use, and as such, the PCB contaminated material will need to be removed and disposed of in accordance with 40 CFR 761.62.

5.0 **OTHER HAZARDOUS MATERIALS SURVEY**

The HRP Asbestos Inspectors conducted hazardous material/universal waste material surveys of the subject building in conjunction with the asbestos survey. The inspections consisted of identifying and inventorying fluorescent lamps and other mercury-containing equipment; potential polychlorinated biphenyl (PCB) containing equipment; air conditioning equipment; and other hazardous or regulated materials. A summary of the hazardous materials survey is presented in **Table 4**.

5.1 **Polychlorinated Biphenyls**

PCBs are found in many different types of products including hydraulic fluid and heat transfer systems; however, PCBs were primarily used in dielectric fluid in electrical equipment such as transformers, capacitors, and fluorescent light ballasts. PCB-containing items must be disposed of in accordance with the Toxic Substance and Control Act (TSCA) and Resource Conservation and Recovery Act (RCRA).

Fluorescent light fixtures containing approximately 110 suspected ballasts were identified throughout the subject building. Fluorescent light ballasts have electronic capacitors that could potentially contain small quantities of PCBs. Unless labeled as "dry-type", ballasts labeled as "non-PCB" could still potentially contain a dielectric fluid that would be considered a regulated waste material.

5.2 **Mercury**

Fluorescent lamps are known to contain mercury and mercury vapor and are considered materials subject to the Connecticut Universal Waste Rule (Section 22a-449(c)-113 of the Regulations of Connecticut State Agencies). Other mercury-containing items such as mercury switches or thermostats may also contain mercury and are also Connecticut universal wastes that are typically regulated as hazardous waste under the Resource Conservation and Recovery Act (RCRA) when sent for disposal.

Approximately 155 fluorescent tube-type and compact-type light bulbs, were identified for the subject building. Two thermostats were identified for the subject building.

5.3 **Air Conditioning Refrigerants**

The removal and disposal of air conditioning and refrigeration equipment must comply with Section 608 Refrigerant Recycling Rule of the Clean Air Act, which prohibits individuals from knowingly venting ozone-depleting compounds, such as Freon, into the atmosphere while servicing or disposing of air-conditioning or refrigeration equipment and regulates the safe and proper recycling and disposal of refrigerated products.

One window-mounted air conditioning (A/C) unit was identified for the subject building.

5.4 **Miscellaneous Materials**

One aerosol can, containing acrylic enamel and one five-gallon container of an unidentified liquid were located within the building. The handling and disposal of hazardous and/or regulated liquid or solid waste is regulated under the US EPA and Section 22a-449(c)-119 of the Regulations of

Connecticut State Agencies. A complete listing of hazardous materials identified at the time of the HRP inspection is presented in **Table 4**.

6.0 DATA QUALITY ASSESSMENT AND DATA USABILITY EVALUATION

Quality Assurance/Quality Control (QA/QC) measures were implemented throughout this study to provide input as to the validity and usability of the data generated through sampling. Field and laboratory QA/QC measures and other protocols as outlined in the site-specific QAPP were implemented for the project.

The intended purpose of collecting the data obtained during this study was to evaluate the potential presence of contaminants in building materials. Copies of analytical reports are included in the appendices.

6.1 Data Quality Assessment Process

All samples were collected in the appropriate containers and preserved according to the analytical method guidelines. Quality control measures implemented included the use of the collection and analysis of duplicate samples. XRF instrument (for lead screening) operation, calibration, and corrective action was conducted in general conformance with the EPA/HUD Performance Characteristic Sheet.

HRP reviewed the analytical results and associated quality assurance/quality control (QA/QC) data in accordance with the CT DEEP Laboratory Quality Assurance and Quality Control Data Quality Assessment and Data Usability Evaluation Guidance Document (December 2010) in order to identify deviations from QA/QC performance criteria and their potential impact on the project objectives. The quality of the data is evaluated in quantitative and qualitative terms using parameters including precision, accuracy, representativeness, comparability, completeness, and sensitivity. The evaluation for data usability included review of such items as:

- Holding times
- Storage temperature
- Laboratory blanks
- Field and laboratory duplicates
- Laboratory QA/QC performance samples
- Surrogate recoveries
- Calibration checks
- Spike recoveries
- EPA methods utilized

6.2 Data Usability Evaluation

No field QA/QC issues were identified for the project. The XRF instrument was calibrated prior to use, and calibration checks were conducted prior to and at the completion of the lead paint screening. Based on the XRF inspection report, the XRF instrument was operating properly.

The analytical laboratory reports were reviewed as part of the QA/QC evaluation for the project. No QA/QC issues were identified for the asbestos or PCB analytical reports.

Given the standard asbestos sampling protocols, multiple samples are collected from the same homogenous materials, and can be considered duplicate samples. As provided in Table 1, the homogenous material samples are assigned the same ID number, and are differentiated with a designation letter (A and B). A total of 87 duplicate samples were analyzed for asbestos by PLM. All of the duplicate samples had similar results to their associated samples, except for the following samples of roofing materials:

- Roof Flashing Samples 55A and 55B
- Tan Rolled Roof Samples 66A and 66B
- Roof Flashing Samples 67A and 67B
- Black Felt Paper Tar Samples 68A and 68B
- Black Tar Paper Samples 72A and 72B
- Roof Flashing Samples 74A and 74B

Review of the lab report indicated that these sets of samples were not the same homogenous material. However, based on the nature of layering of roofing materials and the similarity of their appearance, these samples were still collected in roofing material systems that contain ACM.

Based on the relative percent differences between the original samples and the duplicate samples, it is concluded that this data demonstrates the usability of the laboratory results for the goals of the project.

After evaluating the non-conformances, HRP determined that there were no issues that would interfere with the integrity of the samples collected for the project. Based on a review of the implemented QA/QC procedures, it is HRP's opinion that the data generated for the project are of sufficient accuracy, precision, and sensitivity to be usable for their intended purposes of evaluating the potential presence of contaminants in building materials.

7.0 CONCLUSIONS AND RECOMMENDATIONS

HRP conducted hazardous material surveys of the vacant facility located at 1 Watrous Street in East Hampton, Connecticut. The investigation included a NESHAP-type suspect asbestos-containing materials (ACMs) survey, PCB-containing materials survey, a lead-based paint screening survey, and an inventory of hazardous building items. These surveys were conducted for the subject building to facilitate proper management of those materials prior to renovation and/or demolition activities. Based on the investigations, as documented in this report, HRP provides the following conclusions and recommendations below.

Asbestos

According to analytical results, the following materials are confirmed to contain greater than 1% asbestos (see Table 2 for detailed descriptions):

- Black Mastic For 12" X 12" Pink Floor Tile – Confirmed by TEM analysis
- Gray Paper in Wall (debris in wall hole)
- Black Glue Daubs For Fiberglass Panel
- Gray Window Glazing For Window Style 1
- Gray Window Glazing For Window Style 2
- White Pipe Insulation
- Gray Corrugated Pipe Insulation
- Black Roof Flashing Sealant
- Roofing Field Layers under EPDM, Including Tan Rolled Roofing, Silver Painted Layer, Black Felt Paper
- Gray Flashing Cement and Remnant Black Flashing Tar
- Roofing Material in Debris Pile

According to analytical results, the following materials are confirmed to contain less than 1% asbestos (see Table 1 for detailed descriptions):

- Gray Adhesive For Rubber Mat– Confirmed by TEM Analysis

The following materials were identified as presumed ACMs (PACMs) during this survey:

- Transite Pipe in Chimney

Any materials that are not identified and/or sampled as part of an asbestos survey should be assumed to contain asbestos until sampled and proven otherwise. Suspect ACM that cannot be sampled during an inspection would be classified as PACM if the material satisfied one or more of the following conditions: 1) the material was inaccessible, 2) sampling would potentially cause critical damage to the building system, or 3) sampling was inherently dangerous.

All confirmed ACM must be appropriately abated in accordance with all applicable regulations prior to any proposed building renovation or demolition activities that could potentially disturb said material. Any previously unidentified suspect materials that are uncovered during abatement or demolition activities should be sampled for asbestos content prior to their disturbance.

Given the poor condition of some of the identified ACM, an alternative work practice (AWP) for abatement of portions of the building will be needed. An AWP is used when standard asbestos abatement methods cannot be utilized, typically due to site constraints/safety issues. The AWP is submitted to the Connecticut Department of Public Health (CT DPH) for review and approval prior to abatement activities. The AWP form is required to be completed and submitted by a Connecticut licensed asbestos Project Designer. Additional evaluation for the presence of ACM will be required during demolition activities.

HRP assumes no responsibility for the implementation or enforcement of the procedures, work practices, engineering controls, or other asbestos-control methods recommended, required, or mentioned in this report. This report is not intended to be used as a bidding document or to replace abatement specifications.

Lead Paint

An X-ray Fluorescence (XRF) screening-level survey was conducted on representative painted surfaces for the interiors and exteriors of the subject building to determine the presence of lead in building materials. Lead-based paint is defined as having a lead content equal to or greater than 1.0 milligrams per square centimeter (mg/cm²) in painted surfaces. Lead-containing paint is defined as having any lead content (greater than 0.0 mg/cm²) in painted surfaces.

The survey results indicated that lead-based paint (paint having a lead concentration ≥ 1.0 mg/cm²) was detected in the following tested materials:

- Door casings and door jams located in the first floor and second floor restrooms
- First floor restroom door
- West wall located in the stairwell
- West wall located in the 2nd floor hall

The survey results indicated lead-containing paint (paint having a lead concentration >0.0 mg/cm²) was detected throughout the building in the following materials:

- Door casing located in the first-floor shop area, the garage, and rooms 2 and 4.
- Door Jams located in rooms 3 and 19, and the second-floor hall.
- Doors located in the garage, rooms 4 and 14, first floor rest room, second floor rest room, and second floor shop area.
- Windowsills located in the first-floor shop area and room 4.
- Window sash located in the first-floor shop area.
- Window trim located in the first-floor rest room and stairwell.
- Walls located in the second-floor shop area, stairwell, and rooms 4, 6, 13, 29 and 17.

The Occupational Safety and Health Administration (OSHA) requires compliance with the Lead in Construction Standard (29 CFR 1926.62) during the renovation or demolition of any building with lead-containing paint (e.g. any detectable concentration of lead). This standard is designed to protect workers from exposure to lead during renovation or demolition activities.

Compliance with OSHA's Lead in Construction Standard will apply during abatement and demolition activities that may impact lead-containing paint for the building. All work practices that may disturb



or impact lead-containing paint components should be conducted in compliance with OSHA 29 CFR 1926.62 (Lead in Construction Standard). A disturbance of lead-containing paint components requires compliance with the OSHA Lead in Construction Standard 1926.62 if one of the following activities is performed during a renovation or demolition activity: abrasive blasting, welding, cutting, burning on structures, manual scraping or sanding, and manual demolition of structures.

PCBs – Materials Containing Less than 50 mg/Kg

PCBs were not detected above the EPA 50 mg/Kg TSCA regulatory threshold in the collected samples. The collected interior window glazing samples from the larger metal framed windows identified as window style 1 and window style 2, exhibited PCB concentrations greater than 1 mg/Kg, and are in exceedance of the Connecticut Department of Energy and Environmental Protection (CT DEEP) cleanup criteria of 1 mg/Kg. Any material with PCB content greater than 1 mg/Kg is classified by the CT DEEP as an unauthorized use, and as such, the PCB contaminated material will need to be removed and disposed of in accordance with 40 CFR 761.62.

Other Hazardous Materials

Miscellaneous hazardous materials/universal waste materials were identified in the subject building, including mercury containing fluorescent bulbs, potential PCB containing fluorescent light ballasts, thermostats, a window-mounted A/C unit, an aerosol spray can, and a 5-gallon container of an unidentified liquid.

HRP recommends that as part of any demolition or renovation, all identified hazardous materials/universal waste materials identified that are not going to be relocated or reused on-site be properly recycled and/or disposed of in accordance with all applicable laws and regulations, to include proper storage, labeling of containers, manifesting, and training of all employees handling regulated and/or hazardous waste materials. If additional hazmats are identified during demolition activities, then these materials should be properly catalogued, characterized, and disposed in coordination with the previously identified hazmats.

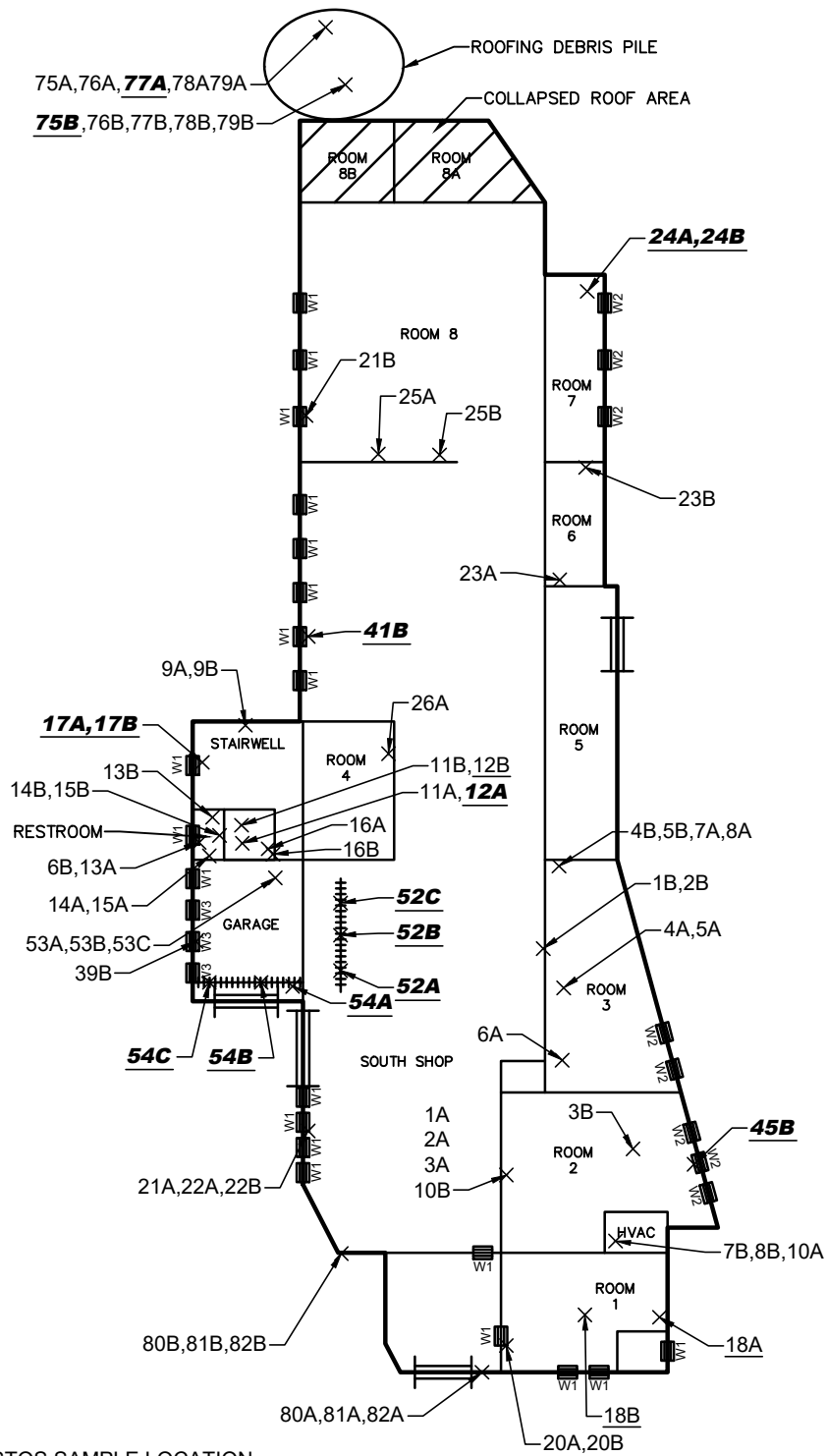
8.0 LIMITATIONS ON WORK PRODUCT

All work product and reports provided by HRP in connection with the performance of any phase of Environmental Site Assessments, and any services related to remedial and post-remedial action, including all work performed under HRP's Terms & Conditions and any follow-up work is subject to the following limitations.

1. The observations described in the Project Report(s) are made under the stated conditions. The conclusions presented in the Report(s) are based solely upon the indicated services, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.
2. In preparing Project Reports, HRP relies on certain representations made and information provided by federal, state and local officials, the Client and other parties referenced in the Project Reports, and on information contained in the files of federal, state and/or local agencies made available to HRP, at the time of the Project. To the extent that such information and files are missing, incomplete or not provided to HRP, HRP is not responsible. Although there may be some degree of overlap in the information provided by these various sources, HRP does not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of the Project. If the Client determines that information provided or made available to HRP from any source is incorrect or inaccurate, the Client should promptly notify HRP, whereupon HRP will issue a corrected Project Report.
3. Observations are made of the site and of structures on the site as indicated within the Project Report(s). Where access to portions of the site or to structures on the site is unavailable or limited, HRP renders no opinion as to the presence of potential contamination by hazardous substances, wastes or petroleum and chemical products and wastes. In addition, HRP renders no opinion as to the presence of indirect evidence relating to potential contamination by hazardous substances, wastes or petroleum and chemical products or wastes where direct observation of the interior walls, floors, or ceilings of a structure on a site is obstructed by objects or coverings on or over these surfaces.
4. Unless otherwise specified in the Project Report(s), HRP does not perform testing or analyses to determine the presence or concentration of asbestos or polychlorinated biphenyls (PCBs), lead paint, urea formaldehyde foam insulation (UFFI), wetlands, regulatory compliance, cultural and historical risks, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, high voltage power lines, or radon at the site or in the environment of the site.
5. The purpose of the Project Report(s) is to assess the physical characteristics of the subject site with respect to the potential presence in the site soil, ground water or surface water environment of contamination by hazardous substances, hazardous waste or petroleum and chemical products and wastes. HRP has not confirmed the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.

6. If sampling is included in the scope of the Project, the conclusions and recommendations contained in the Project Report(s) are based in part upon the data obtained from a limited number of soil, ground water, or surface water samples obtained from widely spaced surface or subsurface explorations. The nature and extent of variations between these locations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to re-evaluate the conclusions and recommendations of the Project Report(s).
7. If water level readings are made in test pits, borings, and/or observation wells; these observations are made at the times and under the conditions stated on the test pit or boring logs or in the Project Report(s). However, it must be noted that fluctuations in the level of ground water may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data may alter the basis of conclusions and recommendations presented in the Project Report(s).
8. If the conclusions and recommendations contained in the Project Report(s) are based, in part, upon various types of chemical analyses, then the conclusions and recommendations are contingent upon the validity of such data. The analyses are performed for specific parameters and additional chemical constituents not searched for during the current study may be present in soil, ground water, or surface water at the site. Where such analyses have been conducted by an outside laboratory, HRP has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests. The data (if obtained) are reviewed and interpretations made in the Project Report(s). If indicated within the Project Report(s), some of these data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data may alter the basis of the conclusions and recommendations presented in the Project Report(s).
9. It is recommended that HRP be retained to provide further hydrogeologic and engineering services during the conduct of further exploration or the construction and/or implementation of any remedial measures recommended in HRP's Project Report(s). This is to allow HRP and the Client to observe consistency with the concepts and recommendations contained therein, and to allow the development of changes to the remedial program in the event that subsurface conditions or other conditions differ from those anticipated.
10. The services provided by HRP do not include legal advice. Legal counsel should be consulted regarding interpretation of relevant federal, state, and local laws

FIGURES



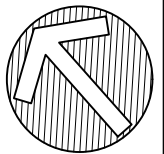
LEGEND

21A X - ASBESTOS SAMPLE LOCATION

18A X - <1% ASBESTOS

45B X - >1% ASBESTOS

||||| - ACM PIPE RUN



NORTH



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ASBESTOS SAMPLE LOCATIONS

FIRST FLOOR
1 WATROUS STREET
EAST HAMPTON, CONNECTICUT

1" = 30'

SCALE:

12/23/2020

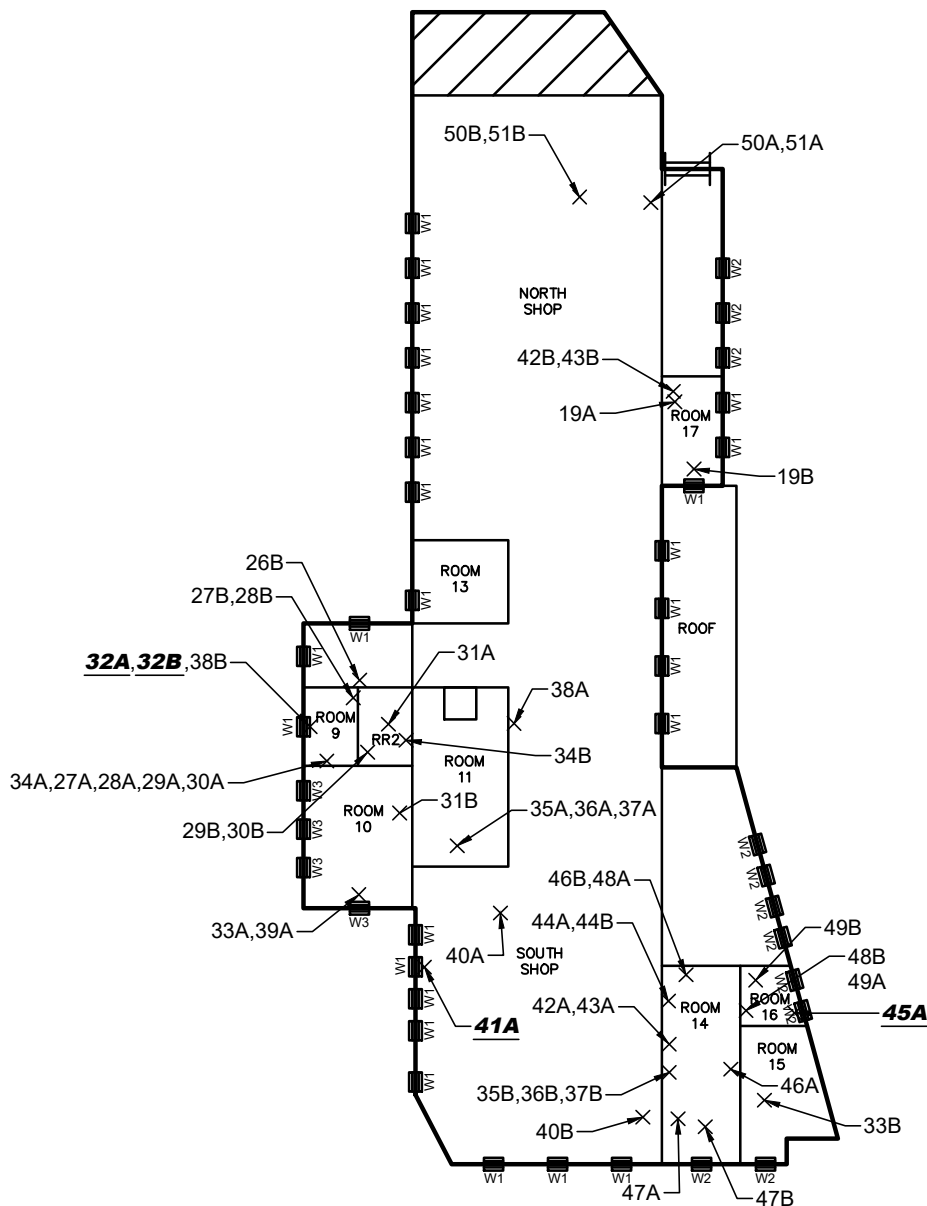
ISSUE DATE:

CTB4001.P2 T7

PROJECT NUMBER:

**Fig.
1A**

SHEET NO.

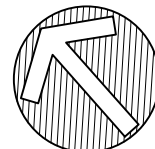


LEGEND

21A X - ASBESTOS SAMPLE LOCATION

18A X - <1% ASBESTOS

45B X - >1% ASBESTOS



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ASBESTOS SAMPLE LOCATIONS

SECOND FLOOR
1 WATROUS STREET
EAST HAMPTON, CONNECTICUT

1" = 30'

SCALE:

12/23/2020

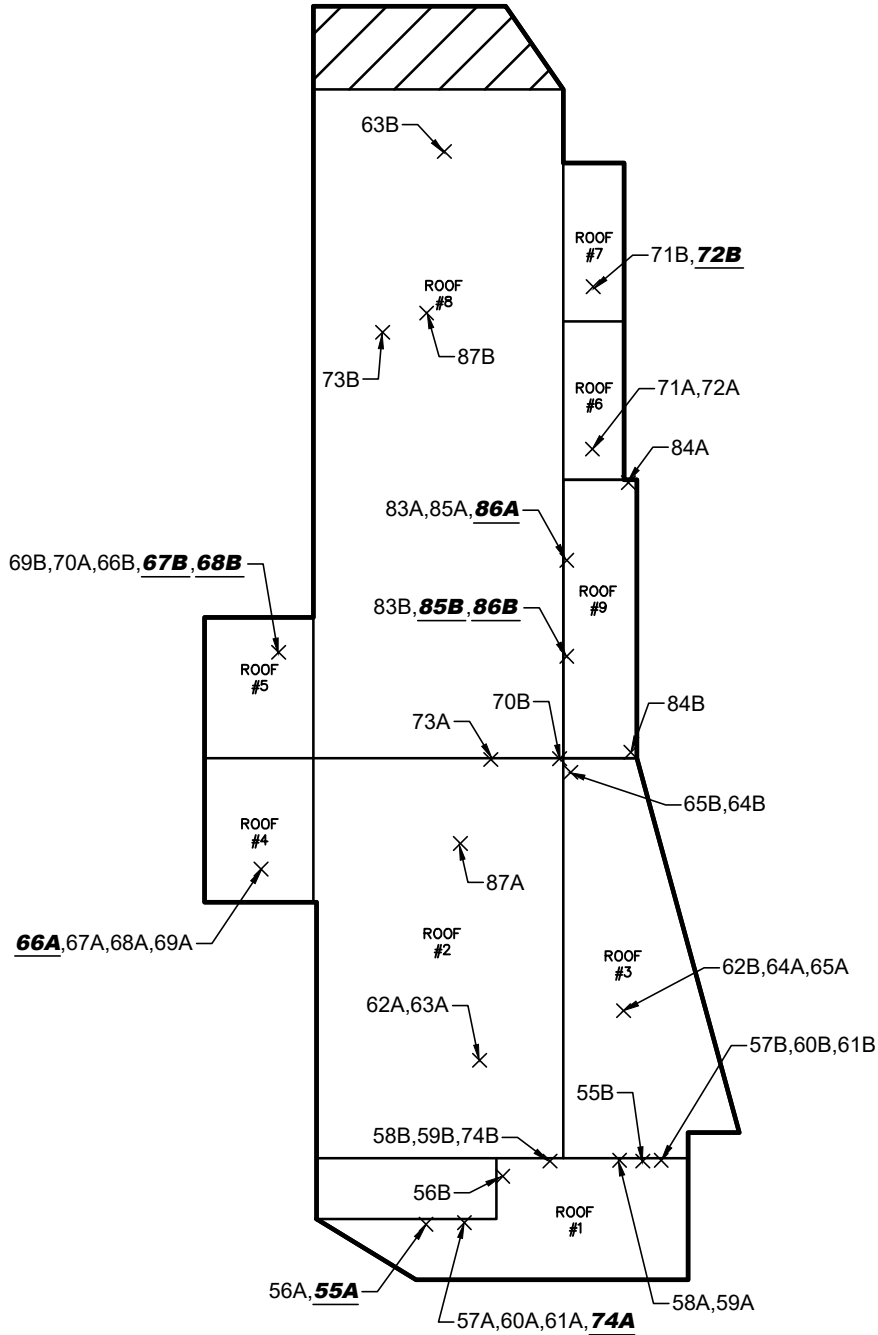
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PROJECT NUMBER:

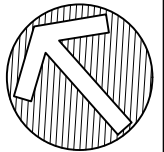
**Fig.
1B**

SHEET NO.



LEGEND

- 21A X - ASBESTOS SAMPLE LOCATION
- 18A X - <1% ASBESTOS
- 45B** X - >1% ASBESTOS



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ASBESTOS SAMPLE LOCATIONS

ROOF
 1 WATROUS STREET
 EAST HAMPTON, CONNECTICUT

1" = 30'

SCALE:

12/23/2020

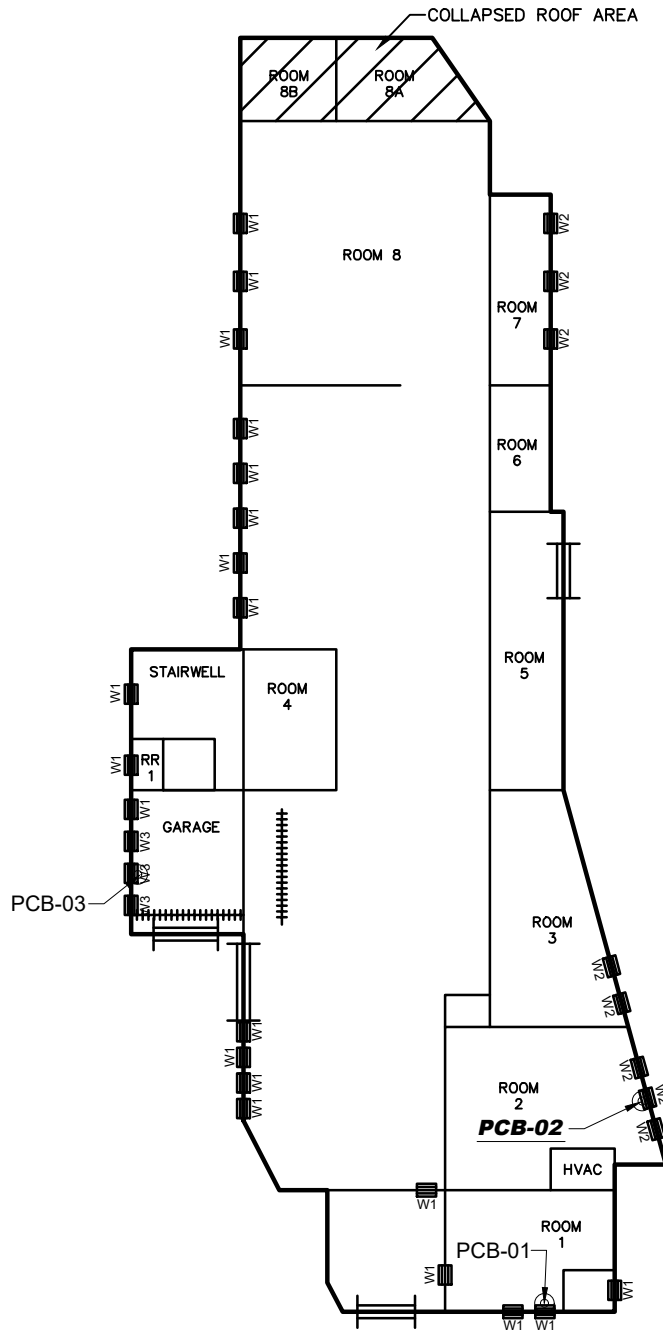
ISSUE DATE:

CTB4001.P2 T7

PROJECT NUMBER:

**Fig.
 1C**

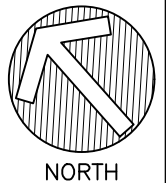
SHEET NO.



LEGEND

PCB-01⊙ - PCB SAMPLE LOCATION

PCB-02⊙ - DETECTION ABOVE CTDEEP STANDARD OF 1PPM (Mg/Kg)



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PCB SAMPLE LOCATIONS

FIRST FLOOR
1 WATROUS STREET
EAST HAMPTON, CONNECTICUT

1" = 30'

SCALE:

12/23/2020

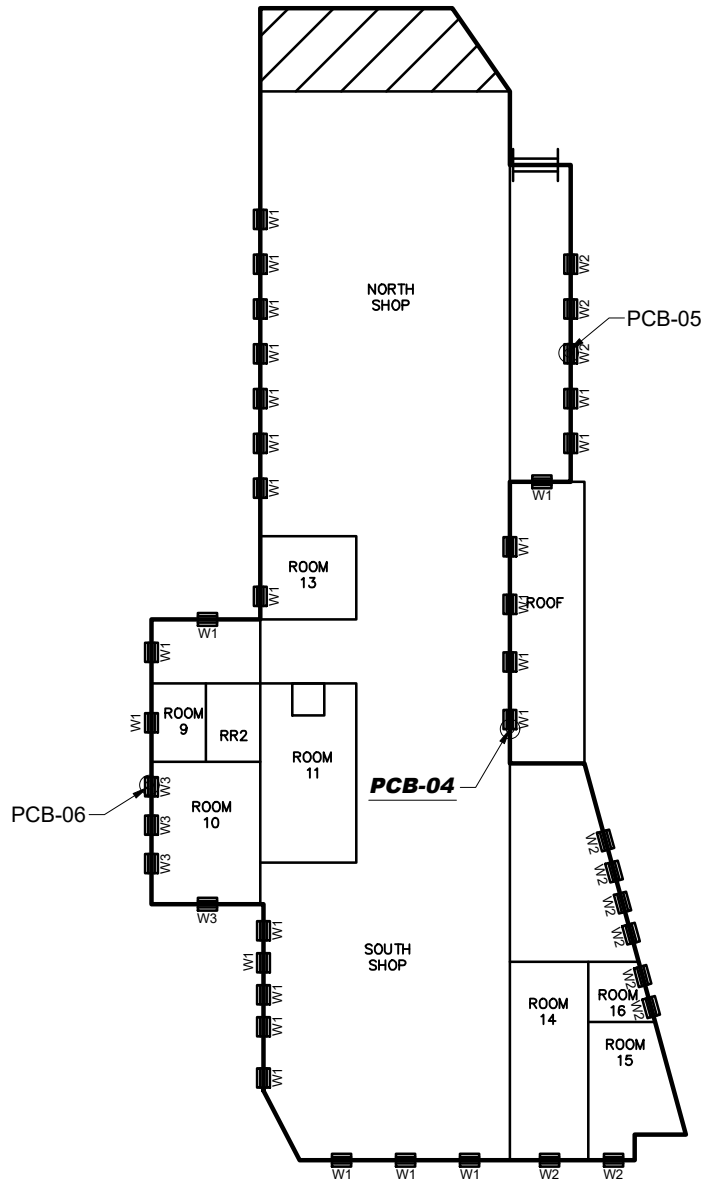
ISSUE DATE:

CTB4001.P2 T7

PROJECT NUMBER:

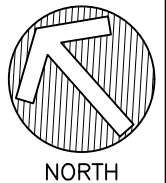
**Fig.
2A**

SHEET NO.



LEGEND

- PCB-01⊙ - PCB SAMPLE LOCATION
- PCB-02** ⊙ - DETECTION ABOVE CTDEEP STANDARD OF 1PPM (Mg/Kg)



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PCB SAMPLE LOCATIONS

SECOND FLOOR
 1 WATROUS STREET
 EAST HAMPTON, CONNECTICUT

1" = 30'

SCALE:

12/23/2020

ISSUE DATE:

CTB4001.P2 T7

PROJECT NUMBER:

**Fig.
2B**

SHEET NO.

TABLES

TABLE 1
SUSPECT ASBESTOS-CONTAINING MATERIALS (ACM) & ACM LIST

1 WATROUS STREET
EAST HAMPTON, CONNECTICUT

HRP #CTB4001.P2

Sample Designation	Sample Location	Material Description	Asbestos Content
110220-1A	Room 2	4" Gray Covebase	ND
110220-1B	Room 3	4" Gray Covebase	ND
110220-2A	Room 2	Yellow Adhesive 4" Gray Covebase	ND
1102202B	Room 3	Yellow Adhesive 4" Gray Covebase	ND
110220-3A	Room 2	Yellow Carpet Adhesive	ND
110220-3B	Room 2	Yellow Carpet Adhesive	ND
110220-4A	Room 3	12" X 12" Gray Mottled Floor Tile	ND
110220-4B	Room 3	12" X 12" Gray Mottled Floor Tile	ND
110220-5A	Room 3	Yellow Adhesive For 12" X 12" Gray Mottled Floor Tile	ND
110220-5B	Room 3	Yellow Adhesive For 12" X 12" Gray Mottled Floor Tile	ND
110220-6A	Room 3	2' X 4' Pinhole Fissured Suspended Ceiling Tile	ND
110220-6B	Rest Room 1	2' X 4' Pinhole Fissured Suspended Ceiling Tile	ND
110220-7A	Room 3	Gray Gypsum Wall Board	ND
110220-7B	Hvac Room 1	Gray Gypsum Wall Board	ND
110220-8A	Room 3	White Joint Compound	ND
110220-8B	HVAC Room 1	White Joint Compound	ND
110220-9A	Stairwell	Yellow Adhesive On Shelf	ND
110220-9B	Stairwell	Yellow Adhesive On Shelf	ND
110220-10A	HVAC Room 1	Tan Tape For Joint Compound	ND
110220-10B	Room 2	Tan Tape For Joint Compound	ND
110220-11A	Rest Room 1	12" X 12" Pink Floor Tile	ND
110220-11B	Rest Room 1	12" X 12" Pink Floor Tile	ND
110220-12A	Rest Room 1	Black Mastic For 12" X 12" Pink Floor Tile	<u>2.6%</u> <u>Chrysotile</u>
110220-12B	Rest Room 1	Black Mastic For 12" X 12" Pink Floor Tile	<1% Chrysotile

Sample Designation	Sample Location	Material Description	Asbestos Content
110220-13A	Rest Room 1	12" X 12" Tan Self Stick Floor Tile	ND
110220-13B	Rest Room 1	12" X 12" Tan Self Stick Floor Tile	ND
110220-14A	Rest Room 1	4" Tan Covebase	ND
110220-14B	Rest Room 1	4" Tan Covebase	ND
110220-15A	Rest Room 1	Adhesive For 4" Tan Covebase	ND
110220-15B	Rest Room 1	Adhesive For 4" Tan Covebase	ND
110220-16A	Rest Room 1	Yellow Adhesive For Fiberglass Panel	ND
110220-16B	Rest Room 1	Yellow Adhesive For Fiberglass Panel	ND
110220-17A	First Floor Stairwell	White/Gray Window Glazing	4% Chrysotile
110220-17B	First Floor Stairwell	White/Gray Window Glazing	3% Chrysotile
110220-18A	Room 1	Gray Adhesive For Rubber Mat	<0.28% Anthophyllite
110220-18B	Room 1	Gray Adhesive For Rubber Mat	<1% Anthophyllite
110220-19A	Room 17	Yellow Carpet Adhesive	ND
110220-19B	Room 17	Yellow Carpet Adhesive	ND
110220-20A	Room 1	White Window Caulk	ND
110220-20B	Room 1	White Window Caulk	ND
110220-21A	Room 1, South Shop Area	Black Window Glazing Patch	ND
110220-21B	Room 8	Black Window Glazing Patch	ND
110220-22A	Room 1, South Shop Area	Gray Window Glazing Patch	ND
110220-22B	Room 1, South Shop Area	Gray Window Glazing Patch	ND
110220-23A	Room 6	Black Vapor Barrier Behind Wood	ND
110220-23B	Room 6	Black Vapor Barrier Behind Wood	ND
110220-24A	Room 7	Gray Paper In Wall (debris in wall hole)	18% Chrysotile
110220-24B	Room 7	Gray Paper In Wall (debris in wall hole)	20% Chrysotile
110220-25A	Room 8	Yellow Glue Daubs	ND
110220-25B	Room 8	Yellow Glue Daubs	ND
110220-26A	Room 4	Black Paper For Pink Fiberglass	ND
110220-26B	Second Floor Stair	Black Paper For Pink Fiberglass	ND
110220-27A	Room 9	12" X 12" Gray Floor Tile	ND
110220-27B	Room 9	12" X 12" Gray Floor Tile	ND
110220-28A	Room 9	Yellow Adhesive For 12"X12" Gray Floor Tile	ND
110220-28B	Room 9	Yellow Adhesive For 12"X12" Gray Floor Tile	ND
110220-29A	Room 9	4" Gray Cove Base	ND
110220-29B	Rest Room 2	4" Gray Cove Base	ND

Sample Designation	Sample Location	Material Description	Asbestos Content
110220-30A	Room 9	Yellow Adhesive For 4" Gray Cove Base	ND
110220-30B	Rest Room 2	Yellow Adhesive For 4" Gray Cove Base	ND
110220-31A	Rest Room 2	2' X 4' Pinhole Fissured Suspended Ceiling Tile	ND
110220-31B	Room 10	2' X 4' Pinhole Fissured Suspended Ceiling Tile	ND
110220-32A	Room 9	Black Glue Daubs For Fiberglass Panel	18% Chrysotile
110220-32B	Room 9	Black Glue Daubs For Fiberglass Panel	15% Chrysotile
110220-33A	Room 10	Yellow Carpet Adhesive	ND
110220-33B	Room 15	Yellow Carpet Adhesive	ND
110220-34A	Room 9	Remnant Black Adhesive	ND
110220-34B	Rest Room 2	Remnant Black Adhesive	ND
110220-35A	Room 11	White Gypsum Board	ND
110220-35B	Room 14	White Gypsum Board	ND
110220-36A	Room 11	White Joint Compound	ND
110220-36B	Room 14	White Joint Compound	ND
110220-37A	Room 10	Tan Tape For Joint Compound	ND
110220-37B	Room 14	Tan Tape For Joint Compound	ND
110220-38A	Mid Second Floor Shop	Yellow Wall Panel Adhesive	ND
110220-38B	Room 9	Yellow Wall Panel Adhesive	ND
110220-39A	Room 10	Gray Window Glazing for Window Style 3	ND
110220-39B	Garage	Gray Window Glazing for Window Style 3	ND
110220-40A	Second Floor- South Shop Area	Black Paper Vapor Barrier Under Wood Floor	ND
110220-40B	Second Floor-South Shop Area	Black Paper Vapor Barrier Under Wood Floor	ND
110220-41A	Second Floor South Shop Area	Gray Window Glazing For Window Style 1	2% Chrysotile
110220-41B	First Floor Shop Area	Gray Window Glazing For Window Style 1	2% Chrysotile
110220-42A	Room 14	4" Blue Cove Base	ND
110220-42B	Room 17	4" Blue Cove Base	ND
110220-43A	Room 14	Yellow Adhesive For 4" Blue Cove Base	ND
110220-43B	Room 17	Yellow Adhesive For 4" Blue Cove Base	ND
110220-44A	Room 14	Black Paper For Yellow Fiberglass	ND
110220-44B	Room 14	Black Paper For Yellow Fiberglass	ND
110220-45A	Room 16	Gray Window Glazing For Window Style 2	2% Chrysotile

Sample Designation	Sample Location	Material Description	Asbestos Content
110220-45B	Room 2	Gray Window Glazing For Window Style 2	2% Chrysotile
110220-46A	Room 14	Blue Carpet Adhesive	ND
110220-46B	Room 14	Blue Carpet Adhesive	ND
110220-47A	Room 14	2' X 2' Pinhole Fissured Suspended Ceiling Tile	ND
110220-47B	Room 14	2' X 2' Pinhole Fissured Suspended Ceiling Tile	ND
110220-48A	Room 14	Brown Composite Wood Floor	ND
110220-48B	Room 16	Brown Composite Wood Floor	ND
110220-49A	Room 16	12" X 12" Pinkish Tan Self Stick Tile	ND
110220-49B	Room 16	12" X 12" Pinkish Tan Self Stick Tile	ND
110220-50A	North Shop-Second Floor	12" X 12" Tan Sheet Floor	ND
110220-50B	North Shop-Second Floor	12" X 12" Tan Sheet Floor	ND
110220-51A	North Shop-Second Floor	Yellow Adhesive For Tan Sheet Floor	ND
110220-51B	North Shop-Second Floor	Yellow Adhesive For Tan Sheet Floor	ND
110220-52A	HVAC 2 Area	White Pipe Insulation	25% Chrysotile
110220-52B	HVAC 2 Area	White Pipe Insulation	30% Chrysotile
110220-52C	HVAC 2 Area	White Pipe Insulation	26% Chrysotile
110220-53A	Garage	Tan Fiberglass Wrap	ND
110220-53B	Garage	Tan Fiberglass Wrap	ND
110220-53C	Garage	Tan Fiberglass Wrap	ND
110220-54A	Garage	Gray Corrugated Pipe Insulation	35% Chrysotile
110220-54B	Garage	Gray Corrugated Pipe Insulation	35% Chrysotile
110220-54C	Garage	Gray Corrugated Pipe Insulation	40% Chrysotile
112020-55A	Roof 1- Where Flashing Meets Brick	Black Sealant	7% Chrysotile
112020-55B	Roof 1- Where Flashing Meets Brick	Black Sealant	ND
112020-56A	Roof 1- Where Flashing Meets Brick	White Caulk	ND
112020-56B	Roof 1- Where Flashing Meets Brick	White Caulk	ND
112020-57A	Roof 1- Field	Black Paper Under Shingles	ND
112020-57B	Roof 1- Field	Black Paper Under Shingles	ND
112020-58A	Roof 1	Black Flashing Paper	ND

Sample Designation	Sample Location	Material Description	Asbestos Content
112020-58B	Roof 1	Black Flashing Paper	ND
112020-59A	Roof 1	Black Flashing Tar	ND
112020-59B	Roof 1	Black Flashing Tar	ND
112020-60A	Roof 1	Gray Roof Shingle	ND
112020-60B	Roof 1	Gray Roof Shingle	ND
112020-61A	Roof 1	Black Adhesive For Roof Shingle	ND
112020-61B	Roof 1	Black Adhesive For Roof Shingle	ND
112020-62A	Roof 2	Yellow Adhesive For Epdm	ND
112020-62B	Roof 3	Yellow adhesive For Epdm	ND
112020-63A	Roof 2	Gray Paper For Foam	ND
112020-63B	Roof 8	Gray Paper For Foam	ND
112020-64A	Roof 3	Brown Fiber Board	ND
112020-64B	Roof 3	Brown Fiber Board	ND
112020-65A	Roof 3	Black Adhesive On Fiber Board	ND
112020-65B	Roof 3	Black Adhesive On Fiber Board	ND
112020-66A	Roof 4	Tan Rolled Roof	2% Chrysotile
112020-66B	Roof 4	Tan Rolled Roof	ND
112020-67A	Roof 4	Silver Painted Layer	ND
112020-67B	Roof 5	Silver Painted Layer	2% Chrysotile
112020-68A	Roof 4	Black Felt Paper Tar	ND
112020-68B	Roof 5	Black Felt Paper Tar	3% Chrysotile
112020-69A	Roof 4	Gray Concrete	ND
112020-69B	Roof 5	Gray Concrete	ND
112020-70A	Roof 5	Brown Fiber Board	ND
112020-70B	Roof 8	Brown Fiber Board	ND
112020-71A	Roof 6	Silver Rolled Roof	ND
112020-71B	Roof 7	Silver Rolled Roof	ND
112020-72A	Roof 6	Black Tar Paper Layers	ND
112020-72B	Roof 7	Black Tar Paper Layers	3% Chrysotile
112020-73A	Roof 8	Black Lap Sealant	ND
112020-73B	Roof 8	Black Lap Sealant	ND
112020-74A	Roof 1	Black Remnant Flashing Tar	7% Chrysotile
112020-74B	Roof 1	Black Remnant Flashing Tar	ND
112020-75A	Roof Remnant Pile On Ground	Red Roof Tile	ND

Sample Designation	Sample Location	Material Description	Asbestos Content
112020-75B	Roof Remnant Pile On Ground	Red Roof Tile	3% Chrysotile
112020-76A	Roof Remnant Pile On Ground	Green Roof Tile	ND
112020-76B	Roof Remnant Pile On Ground	Green Roof Tile	ND
112020-77A	Roof Remnant Pile On Ground	White Roof Tile	2% Chrysotile
112020-77B	Roof Remnant Pile On Ground	White Roof Tile	ND
112020-78A	Roof Remnant Pile On Ground	Black Roof Tile	ND
112020-78B	Roof Remnant Pile On Ground	Black Roof Tile	ND
112020-79A	Roof Remnant Pile	Brown Fiber Board	ND
112020-79B	Roof Remnant Pile	Brown Fiber Board	ND
112020-80A	Exterior South West	Faux Brick Shingle	ND
112020-80B	Exterior South West	Faux Brick Shingle	ND
112020-81A	Exterior South West	Brown Fiber Board For Shingle	ND
112020-81B	Exterior South West	Brown Fiber Board For Shingle	ND
112020-82A	Exterior South West	Black Vapor Barrier For Shingle	ND
112020-82B	Exterior South West	Black Vapor Barrier For Shingle	ND
112020-83A	Roof 9	Black Flashing Tar	ND
112020-83B	Roof 9	Black Flashing Tar	ND
112020-84A	Roof 9	Black Paper Under Shingle	ND
112020-84B	Roof 9	Black Paper Under Shingle	ND
112020-85A	Roof 9	Gray Flashing Cement	ND
112020-85B	Roof 9	Gray Flashing Cement	3% Chrysotile
112020-86A	Roof 9	Remnant Black Flashing Tar	7% Chrysotile
112020-86B	Roof 9	Remnant Black Flashing Tar	8% Chrysotile
112020-87A	Roof 2	Black Vent Caulk	ND
112020-87B	Roof 8	Black Vent Caulk	ND

ND = None Detected

Bold = Asbestos detected >1%

Italic = Confirmed by 400 Point Count Procedure

Underline = Confirmed by TEM Analysis

**TABLE 2
ASBESTOS-CONTAINING MATERIALS ACM LIST**

**1 WATROUS STREET
EAST HAMPTON, CONNECTICUT**

HRP # CTB4000.P2

Material Description	Locations	Material Condition/Friability	Estimated Quantity*
Black Mastic For 12" X 12" Pink Floor Tile	Rest Room 1 and Entry Room to Rest Room 1	Damaged/Non-Friable	260 SF
Gray Paper in Wall (debris in wall hole)	Room 7	Damaged/Non-Friable	1 SF
Black Glue Daubs For Fiberglass Panel	Room 9	Damaged/Non-Friable	32 SF
Gray Window Glazing For Window Style 1*	4' X 7' Windows located in Original Brick Building	Damaged/Friable	57 EA
Gray Window Glazing For Window Style 2*	~4' X 8' Windows located in CMU Block Building Additions	Damaged/Friable	16 EA
Gray Window Glazing For Window Style 1*	4' X 7' Windows located inside the building in Rooms 1 and the South Loading Dock	Damaged/Friable	2 EA
White Pipe Insulation	HVAC 2 Area	Good/Friable	20 LF
Gray Corrugated Pipe Insulation	Garage	Damaged/Friable	25 LF
Black Roof Flashing Sealant	Roof 1	Good/Non-Friable	140 SF
Roofing Field Layers under EPDM, Including Tan Rolled Roofing, Silver Painted Layer, Black Felt Paper	Roof 4, Roof 5, Roof 6, Roof 7 and Roof 8	Good/Non-Friable	5,400 SF
Gray Flashing Cement and Remnant Black Flashing Tar	Roof 9	Good/Non-Friable	140 SF
Roofing material in debris pile	Room 8A, 8B and Exterior Northwest of the Building	Damaged/Non-Friable	600 SF
Transite Pipe (presumed ACM)	Chimney on West Side of Building	Good/Non-Friable	40 LF

* = Also contains concentrations of PCBs above CT DEEP regulatory level of 1 ppm

SF=Square Feet LF=Linear Feet EA=Each

Note: This table includes estimated quantities of ACMs that are provided for informational purposes only. All quantities should be independently verified by the abatement contractor prior to bidding/abatement.

**TABLE 3
SUSPECT PCB-CONTAINING MATERIAL SAMPLE RESULTS**

**1 WATROUS STREET
EAST HAMPTON, CONNECTICUT
HRP #CTB4001.P2**

Sample Designation	Sample Location	Type of Material	Estimated Quantity	PCB Content ¹
Suspect PCB-Containing Materials – Collected on November 2, 2020				
PCB-01	First Floor Room 1	Gray Window Glazing For Window Style 1	NA	0.78 mg/Kg
PCB-02	First Floor Room 2	Gray Window Glazing For Window Style 2	16 EA	2.3 mg/Kg*
PCB-03	First Floor Central Garage	Gray Window Glazing for Window Style 3	NA	0.97 mg/Kg
PCB-04	Second Floor Central Shop Area	Gray Window Glazing For Window Style 1	59 EA	2.0 mg/Kg*
PCB-05	Second Floor North Shop Area	Gray Window Glazing For Window Style 2	NA	0.86 mg/Kg
PCB-06	Second Floor Room 10	Gray Window Glazing for Window Style 3	NA	ND (<0.74 mg/Kg)

¹ Note that the "PCB content" refers to the percentage of polychlorinated biphenyls contained within the material.

Samples analyzed by EPA SW-846 Method 8082A – Soxhlet Extraction Type 3540C

Laboratory detection level elevated for some samples due to analytical matrix interference.

* = Detection above Connecticut Department of Energy and Environmental Protection (CT DEEP) standard of 1 ppm (mg/Kg).

** = Detection above CT DEEP (1 ppm) and US EPA (50 ppm) standards.

PCB = polychlorinated biphenyl

ND = not detected

NA = Not Applicable

EA = Each

**TABLE 4
HAZARDOUS MATERIALS SURVEY LIST**

**1 WATROUS STREET, EAST HAMPTON, CONNECTICUT
HRP #CTB4001.P2**

Hazardous Material	Description	Location	Estimated Quantity	Notes
PCBs (potential)	Fluorescent light fixture ballasts	Throughout Building	110 EA	Possible PCB-containing
Mercury	Fluorescent light bulbs	Throughout Building	150 EA	Mercury-containing
	Thermostats/Switches	First and Second Floor	2 EA	Mercury-containing
	Halogen light bulbs	Throughout Building	5 EA	Mercury-containing
A/C Refrigerants	Window A/C units	Second Floor Office	1 EA	Refrigerants
Miscellaneous Hazardous Materials	Unknown liquid	Room 8A	5 gallons	Unknown liquid
	Acrylic enamel aerosol can	First Floor	1 EA	Potential flammable liquid under pressure as an aerosol can
	Fire extinguishers	Second Floor	3 EA	Potential pressurized fire suppression chemical
	Exit signs/emergency lights	Throughout Building	5 EA	Possibly contain batteries and tritium vapor bulbs

Note: The materials listed above were present on the days of the hazardous materials survey. Some of these materials may have been relocated or removed from the building since the initial survey was conducted.

PCBs = Polychlorinated biphenyls
EA = each or one unit

Note: This table includes estimated quantities of materials that are provided for informational purposes only. All items and quantities must be independently verified by the abatement contractor prior to bidding/abatement.

APPENDIX A

Asbestos Laboratory Analytical Reports



EMSL Analytical, Inc.

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EMSL Order: 032021066

Customer ID: HRP A50

Customer PO: CTB4001.PZ

Project ID:

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Received Date: 11/12/2020 2:07 PM

Analysis Date: 11/19/2020 - 11/20/2020

Collected Date: 11/11/2020

Project: CTB4001, PZ TSK 6

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
110220-1A 032021066-0001	ROOM 2 - 4" GRAY COVEBASE	Gray Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-1B 032021066-0002	ROOM 3 - 4" GRAY COVEBASE	Gray Non-Fibrous Homogeneous		50% Ca Carbonate 50.0% Non-fibrous (Other)	None Detected
110220-2A 032021066-0003	ROOM 2 - YELLOW ADHESIVE 4" GRAY COVEBASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
1102202B 032021066-0004	ROOM 3 - YELLOW ADHESIVE 4" GRAY COVEBASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-3A 032021066-0005	ROOM 2 - YELLOW CARPET ADHESIVE	Brown Non-Fibrous Homogeneous		15% Ca Carbonate 85.0% Non-fibrous (Other)	None Detected
110220-3B 032021066-0006	ROOM 2 - YELLOW CARPET ADHESIVE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-4A 032021066-0007	ROOM 3 - 12 X 12 GRAY MOTTLED FLOOR TILE	Gray Non-Fibrous Homogeneous		25% Ca Carbonate 75.0% Non-fibrous (Other)	None Detected
110220-4B 032021066-0008	ROOM 3 - 12 X 12 GRAY MOTTLED FLOOR TILE	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected
110220-5A 032021066-0009	ROOM 3 - YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLED FLOOR TILE	Brown/Tan Non-Fibrous Homogeneous		20% Gypsum 80.0% Non-fibrous (Other)	None Detected

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

Initial report from: 11/20/2020 08:46:45



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-5B 032021066-0010	ROOM 3 - YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLED FLOOR TILE	Brown Non-Fibrous Homogeneous		5% Gypsum 95.0% Non-fibrous (Other)	None Detected
110220-6A 032021066-0011	ROOM 3 - 2 X 4 PINHOLE FISSURED SCT	Gray/White Non-Fibrous Homogeneous	30% Cellulose 35% MinWool	10% Quartz 2% Mica 13% Perlite 10.0% Non-fibrous (Other)	None Detected
110220-6B 032021066-0012	REST ROOM 1 - 2 X 4 PINHOLE FISSURED SCT	Gray/White Fibrous Homogeneous	35% Cellulose 25% MinWool	5% Quartz 10% Perlite 25.0% Non-fibrous (Other)	None Detected
110220-7A 032021066-0013	ROOM 3 - GRAY GYPSUM WALL BOARD	Gray Non-Fibrous Homogeneous	5% Cellulose	60% Gypsum 2% Mica 33.0% Non-fibrous (Other)	None Detected
110220-7B 032021066-0014	HVAC ROOM 1 - GRAY GYPSUM WALL BOARD	Brown Non-Fibrous Homogeneous	10% Cellulose	60% Gypsum 30.0% Non-fibrous (Other)	None Detected
110220-8A 032021066-0015	ROOM 3 - WHITE JOINT COMPOUND	White Non-Fibrous Homogeneous	2% Cellulose	30% Ca Carbonate 8% Mica 60.0% Non-fibrous (Other)	None Detected
110220-8B 032021066-0016	HVAC ROOM 1 - WHITE JOINT COMPOUND	White Non-Fibrous Homogeneous		55% Ca Carbonate 6% Mica 39.0% Non-fibrous (Other)	None Detected
110220-9A 032021066-0017	STAIRWELL - YELLOW ADHESIVE ON SHELF	Brown/Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-9B 032021066-0018	STAIRWELL - YELLOW ADHESIVE ON SHELF	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-10A 032021066-0019	HVAC ROOM 1 - TAN TAPE FOR JOINT COMPOUND	White Fibrous Homogeneous	30% Cellulose	20% Ca Carbonate 5% Mica 45.0% Non-fibrous (Other)	None Detected
110220-10B 032021066-0020	ROOM 2 - TAN TAPE FOR JOINT COMPOUND	Brown/White Fibrous Homogeneous	30% Cellulose	25% Ca Carbonate 3% Mica 42.0% Non-fibrous (Other)	None Detected
110220-11A 032021066-0021	REST ROOM 1 - 12 X 12 PINK FLOOR TILE	Red Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-11B 032021066-0022	REST ROOM 1 - 12 X 12 PINK FLOOR TILE	Pink Non-Fibrous Homogeneous		40% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected
110220-12A 032021066-0023	REST ROOM 1 - BLACK MASTIC FOR 12 X 12 PINK FLOOR TILE	Black Non-Fibrous Homogeneous	7% Cellulose	35% Ca Carbonate 58.0% Non-fibrous (Other)	<1% Chrysotile
110220-12B 032021066-0024	REST ROOM 1 - BLACK MASTIC FOR 12 X 12 PINK FLOOR TILE	Black Non-Fibrous Homogeneous	5% Cellulose	95.0% Non-fibrous (Other)	<1% Chrysotile
110220-13A 032021066-0025	REST ROOM 1 - 12 X 12 TAN SELF STICK FLOOR TILE	Tan/White Non-Fibrous Homogeneous		45% Ca Carbonate 55.0% Non-fibrous (Other)	None Detected
110220-13B 032021066-0026	REST ROOM 1 - 12 X 12 TAN SELF STICK FLOOR TILE	White Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-14A 032021066-0027	REST ROOM 1 - 4" TAN COVEBASE	Tan Non-Fibrous Homogeneous		35% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected

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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
110220-14B 032021066-0028	REST ROOM 1 - 4" TAN COVEBASE	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 50.0% Non-fibrous (Other)	None Detected
110220-15A 032021066-0029	REST ROOM 1 - ADHESIVE FOR 4" TAN COVEBASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-15B 032021066-0030	REST ROOM 1 - ADHESIVE FOR 4" TAN COVEBASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-16A 032021066-0031	REST ROOM 1 - YELLOW ADHESIVE FOR FG PANEL	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-16B 032021066-0032	REST ROOM 1 - YELLOW ADHESIVE FOR FG PANEL	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-17A 032021066-0033	1ST FLOOR STAIRWELL - WHITE WINDOW GLAZING	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 16.0% Non-fibrous (Other)	4% Chrysotile
110220-17B 032021066-0034	1ST FLOOR STAIRWELL - WHITE WINDOW GLAZING	White Non-Fibrous Homogeneous		30% Ca Carbonate 67.0% Non-fibrous (Other)	3% Chrysotile
110220-18A 032021066-0035	ROOM 1 - GRAY ADHESIVE FOR RUBBER MAT	Brown/Gray Non-Fibrous Homogeneous	<1% Fibrous_Other	20% Quartz 55% Ca Carbonate 25.0% Non-fibrous (Other)	<1% Anthophyllite
110220-18B 032021066-0036	ROOM 1 - GRAY ADHESIVE FOR RUBBER MAT	Brown/Gray Non-Fibrous Homogeneous	5% Fibrous_Other	30% Ca Carbonate 65.0% Non-fibrous (Other)	<1% Anthophyllite

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-19A 032021066-0037	ROOM 17 - YELLOW CARPET ADHESIVE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-19B 032021066-0038	ROOM 17 - YELLOW CARPET ADHESIVE	Yellow Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-20A 032021066-0039	ROOM 1 - WHITE WINDOW CAULK	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-20B 032021066-0040	ROOM 1 - WHITE WINDOW CAULK	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-21A 032021066-0041	ROOM 1 - BLACK WINDOW GLAZING PATCH	Black Non-Fibrous Homogeneous		2% Mica 98.0% Non-fibrous (Other)	None Detected
110220-21B 032021066-0042	ROOM 8 - BLACK WINDOW GLAZING PATCH	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-22A 032021066-0043	ROOM 1 - GRAY WINDOW GLAZING PATCH	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-22B 032021066-0044	ROOM 1 - GRAY WINDOW GLAZING PATCH	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-23A 032021066-0045	ROOM 6 - BLACK VAPOR BARRIER BEHIND WOOD	Black Fibrous Homogeneous	70% Cellulose	30.0% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-23B 032021066-0046	ROOM 6 - BLACK VAPOR BARRIER BEHIND WOOD	Black Fibrous Homogeneous	85% Cellulose	15.0% Non-fibrous (Other)	None Detected
110220-24A 032021066-0047	ROOM 7 - GRAY PAPER IN WALL	Gray Fibrous Homogeneous	40% Cellulose 15% Synthetic	27.0% Non-fibrous (Other)	18% Chrysotile
110220-24B 032021066-0048	ROOM 7 - GRAY PAPER IN WALL	Gray Fibrous Homogeneous	50% Cellulose	30.0% Non-fibrous (Other)	20% Chrysotile
110220-25A 032021066-0049	ROOM 8 - YELLOW GLUE DAUBS	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-25B 032021066-0050	ROOM 8 - YELLOW GLUE DAUBS	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-26A 032021066-0051	ROOM 4 - BLACK PAPER FOR PINK FG	Brown/Black/Pink Fibrous Homogeneous	50% Cellulose 6% Glass	44.0% Non-fibrous (Other)	None Detected
110220-26B 032021066-0052	2ND FLOOR STAIR - BLACK PAPER FOR PINK FG	Brown Fibrous Homogeneous	85% Cellulose	15.0% Non-fibrous (Other)	None Detected
110220-27A 032021066-0053	ROOM 9 - 12" X 12" GRAY FLOOR TILE	Gray Non-Fibrous Homogeneous		25% Ca Carbonate 75.0% Non-fibrous (Other)	None Detected
110220-27B 032021066-0054	ROOM 9 - 12" X 12" GRAY FLOOR TILE	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-28A 032021066-0055	ROOM 9 - YELLOW ADHESIVE FOR 12"X12" GRAY FLOOR TILE	Yellow Non-Fibrous Homogeneous		20% Ca Carbonate 80.0% Non-fibrous (Other)	None Detected
110220-28B 032021066-0056	ROOM 9 - YELLOW ADHESIVE FOR 12"X12" GRAY FLOOR TILE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-29A 032021066-0057	ROOM 9 - 4" GRAY COVE BASE	Gray Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-29B 032021066-0058	REST ROOM 2 - 4" GRAY COVE BASE	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected
110220-30A 032021066-0059	ROOM 9 - YELLOW ADHESIVE FOR 4" GRAY COVE BASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-30B 032021066-0060	REST ROOM 2 - YELLOW ADHESIVE FOR 4" GRAY COVE BASE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-31A 032021066-0061	REST ROOM 2 - 2 X 4 PINHOLE FISSURED SCT	Gray/White Fibrous Homogeneous	65% MinWool	10% Perlite 25.0% Non-fibrous (Other)	None Detected
110220-31B 032021066-0062	ROOM 10 - 2 X 4 PINHOLE FISSURED SCT	Gray/White Fibrous Homogeneous	35% Cellulose 25% MinWool	10% Perlite 30.0% Non-fibrous (Other)	None Detected
110220-32A 032021066-0063	ROOM 9 - BLACK GLUE DAUBS FOR FG PANEL	Black Non-Fibrous Homogeneous		82.0% Non-fibrous (Other)	18% Chrysotile

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Initial report from: 11/20/2020 08:46:45



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EMSL Order: 032021066

Customer ID: HRP A50

Customer PO: CTB4001.PZ

Project ID:

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Received Date: 11/12/2020 2:07 PM

Analysis Date: 11/19/2020 - 11/20/2020

Collected Date: 11/11/2020

Project: CTB4001, PZ TSK 6

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
110220-32B 032021066-0064	ROOM 9 - BLACK GLUE DAUBS FOR FG PANEL	Brown Non-Fibrous Homogeneous		85.0% Non-fibrous (Other)	15% Chrysotile
110220-33A 032021066-0065	ROOM 10 - YELLOW CARPET ADHESIVE	Brown Non-Fibrous Homogeneous		25% Gypsum 75.0% Non-fibrous (Other)	None Detected
110220-33B 032021066-0066	ROOM 15 - YELLOW CARPET ADHESIVE	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-34A 032021066-0067	ROOM 9 - REMNANT BLACK ADHESIVE	Black/Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-34B 032021066-0068	REST ROOM 2 - REMNANT BLACK ADHESIVE	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-35A 032021066-0069	ROOM 11 - WHITE GYPSUM BOARD	White Non-Fibrous Homogeneous	8% Cellulose	60% Gypsum 32.0% Non-fibrous (Other)	None Detected
110220-35B 032021066-0070	ROOM 14 - WHITE GYPSUM BOARD	Gray Non-Fibrous Homogeneous	4% Glass	60% Gypsum 36.0% Non-fibrous (Other)	None Detected
110220-36A 032021066-0071	ROOM 11 - WHITE JOINT COMPOUND	White Non-Fibrous Homogeneous		20% Ca Carbonate 2% Mica 78.0% Non-fibrous (Other)	None Detected
110220-36B 032021066-0072	ROOM 14 - WHITE JOINT COMPOUND	White Non-Fibrous Homogeneous		55% Ca Carbonate 6% Mica 39.0% Non-fibrous (Other)	None Detected

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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
110220-37A 032021066-0073	ROOM 10 - TAN TAPE FOR JOINT COMPOUND	Brown Fibrous Homogeneous	65% Cellulose	15% Ca Carbonate 2% Mica 18.0% Non-fibrous (Other)	None Detected
110220-37B 032021066-0074	ROOM 14 - TAN TAPE FOR JOINT COMPOUND	White Fibrous Homogeneous	45% Cellulose	30% Ca Carbonate 5% Mica 20.0% Non-fibrous (Other)	None Detected
110220-38A 032021066-0075	MID 2ND FLOOR SHOP - YELLOW WALL PANEL ADHESIVE	Yellow Non-Fibrous Homogeneous	45% Cellulose	10% Ca Carbonate 45.0% Non-fibrous (Other)	None Detected
110220-38B 032021066-0076	ROOM 9 - YELLOW WALL PANEL ADHESIVE	Brown/White Fibrous Homogeneous	55% Cellulose 20% Glass	25.0% Non-fibrous (Other)	None Detected
110220-39A 032021066-0077	ROOM 10-WINDOW STYLE 3 - GRAY WINDOW GLAZING	White/Black Non-Fibrous Homogeneous	<1% Fibrous_Other	70% Ca Carbonate 30.0% Non-fibrous (Other)	None Detected
110220-39B 032021066-0078	GARAGE - GRAY WINDOW GLAZING	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected
110220-40A 032021066-0079	2ND FLOOR- SOUTH SHOP AREA - BLACK PAPER VAPOR BARRIER UNDER WOOD FLOOR	Black Fibrous Homogeneous	70% Cellulose	30.0% Non-fibrous (Other)	None Detected
110220-40B 032021066-0080	2ND FLOOR-SOUTH SHOP AREA - BLACK PAPER VAPOR BARRIER UNDER WOOD FLOOR	Black Fibrous Homogeneous	85% Cellulose	15.0% Non-fibrous (Other)	None Detected
110220-41A 032021066-0081	2ND FLOOR SOUTH SHOP AREA WINDOW STYLE 1 - GRAY WINDOW GLAZING	Gray Non-Fibrous Homogeneous		65% Ca Carbonate 33.0% Non-fibrous (Other)	2% Chrysotile

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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
110220-41B 032021066-0082	1ST FLOOR SHOP AREA - GRAY WINDOW GLAZING	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 58.0% Non-fibrous (Other)	2% Chrysotile
110220-42A 032021066-0083	ROOM 14 - GRAY WINDOW 4" BLUE COVE BASE	Blue Non-Fibrous Homogeneous		35% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
110220-42B 032021066-0084	ROOM 17 - GRAY WINDOW 4" BLUE COVE BASE	Blue Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-43A 032021066-0085	ROOM 14 - YELLOW ADHESIVE FOR COVE BASE	Yellow Non-Fibrous Homogeneous		40% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected
110220-43B 032021066-0086	ROOM 17 - YELLOW ADHESIVE FOR COVE BASE	Yellow Non-Fibrous Homogeneous	10% Cellulose	90.0% Non-fibrous (Other)	None Detected
110220-44A 032021066-0087	ROOM 14 - BLACK PAPER FOR YELLOW FG	Brown/Black Fibrous Homogeneous		15% Ca Carbonate 15% Gypsum 70.0% Non-fibrous (Other)	None Detected
110220-44B 032021066-0088	ROOM 14 - BLACK PAPER FOR YELLOW FG	Brown/Black Fibrous Homogeneous	55% Cellulose	45.0% Non-fibrous (Other)	None Detected
110220-45A 032021066-0089	ROOM 16 WINDOW STYLE 2 - GRAY WINDOW GLAZING	Gray Non-Fibrous Homogeneous		85% Ca Carbonate 13.0% Non-fibrous (Other)	2% Chrysotile
110220-45B 032021066-0090	ROOM 2 - GRAY WINDOW GLAZING	Gray Non-Fibrous Homogeneous		40% Ca Carbonate 58.0% Non-fibrous (Other)	2% Chrysotile

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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
110220-46A 032021066-0091	ROOM 14 - BLUE CARPET ADHESIVE	Blue Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-46B 032021066-0092	ROOM 14 - BLUE CARPET ADHESIVE	Blue Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-47A 032021066-0093	ROOM 14 - 2 X 2 PINHOLE FISSURED SCT	Gray/White Fibrous Homogeneous	40% MinWool	10% Quartz 10% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected
110220-47B 032021066-0094	ROOM 14 - 2 X 2 PINHOLE FISSURED SCT	Gray Fibrous Homogeneous	45% Cellulose 25% MinWool	10% Perlite 20.0% Non-fibrous (Other)	None Detected
110220-48A 032021066-0095	ROOM 14 - BROWN COMPOSITE WOOD FLOOR	Brown Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-48B 032021066-0096	ROOM 16 - BROWN COMPOSITE WOOD FLOOR	Brown Fibrous Homogeneous	85% Cellulose	15.0% Non-fibrous (Other)	None Detected
110220-49A 032021066-0097	ROOM 16 - 12 X 12 PINKISH TAN SELF STICK TILE	Gray/Red Non-Fibrous Homogeneous		45% Ca Carbonate 55.0% Non-fibrous (Other)	None Detected
110220-49B 032021066-0098	ROOM 16 - 12 X 12 PINKISH TAN SELF STICK TILE	Gray/Red Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
110220-50A 032021066-0099	NORTH SHOP-2ND FLOOR - 12 X 12 TAN SHEET FLOOR	Tan Non-Fibrous Homogeneous		15% Ca Carbonate 10% Mica 75.0% Non-fibrous (Other)	None Detected

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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
110220-50B 032021066-0100	NORTH SHOP-2ND FLOOR - 12 X 12 TAN SHEET FLOOR	Tan Non-Fibrous Homogeneous		40% Ca Carbonate 4% Mica 56.0% Non-fibrous (Other)	None Detected
110220-51A 032021066-0101	NORTH SHOP-2ND FLOOR - YELLOW ADHESIVE FOR FLOOR	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-51B 032021066-0102	NORTH SHOP-2ND FLOOR - YELLOW ADHESIVE FOR FLOOR	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-52A 032021066-0103	HVAC 2 AREA - WHITE PIPE INSULATION	Gray/White Fibrous Homogeneous	<1% Fibrous_Other	55% Ca Carbonate 20.0% Non-fibrous (Other)	20% Amosite 5% Chrysotile
110220-52B 032021066-0104	HVAC 2 AREA - WHITE PIPE INSULATION	Gray/White Fibrous Homogeneous	<1% Fibrous_Other	45% Ca Carbonate 25.0% Non-fibrous (Other)	25% Amosite 5% Chrysotile
110220-52C 032021066-0105	HVAC 2 AREA - WHITE PIPE INSULATION	White Fibrous Homogeneous		45% Quartz 29.0% Non-fibrous (Other)	18% Amosite 8% Chrysotile
110220-53A 032021066-0106	GARAGE - TAN FIBERGLASS WRAP	Tan Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-53B 032021066-0107	GARAGE - TAN FIBERGLASS WRAP	Tan Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
110220-53C 032021066-0108	GARAGE - TAN FIBERGLASS WRAP	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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Project: CTB4001, PZ TSK 6	

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
110220-54A 032021066-0109	GARAGE - GRAY CORREGUTED PIPE INSULATION	Brown/Gray Fibrous Homogeneous	40% Cellulose	25.0% Non-fibrous (Other)	35% Chrysotile
110220-54B 032021066-0110	GARAGE - GRAY CORREGUTED PIPE INSULATION	Brown/Gray Fibrous Homogeneous	40% Cellulose	25.0% Non-fibrous (Other)	35% Chrysotile
110220-54C 032021066-0111	GARAGE - GRAY CORREGUTED PIPE INSULATION	Brown/Gray Non-Fibrous Homogeneous	30% Cellulose	30.0% Non-fibrous (Other)	40% Chrysotile

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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

032021066

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Company: HRP Associates		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 197 Scott Swamp Road		Third Party Billing requires written authorization from third party	
City: Farmington	State/Province: CT	Zip/Postal Code: 06032	Country: USA
Report To (Name): Alisa Werst		Telephone #: 203-668-4665, 860-674-9570 x148	
Email Address: alisa.werst@hrpassociates.com		Fax #:	Purchase Order:
Project Name/Number: CTB4001.PZ TSK 6		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken:		CT Samples: <input checked="" type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<u>Other</u>	
<input type="checkbox"/>	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 11/02/2020

Samplers Name: Alisa Werst Samplers Signature: *Alisa Werst*

Sample #	HA #	Sample Location	Material Description
		See next page	

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Client Sample # (s): 10220-1A Total # of Samples: 11

Relinquished (Client): *Alisa Werst* Date: 11/11/20 Time:

Received (Lab): *Demetrius* Date: 11/12/20 Time: 2:07 PM

Comments/Special Instructions: depending on analytical results, confirmatory analysis may be requested

FAX - FX 8697 4609 P817 Page 1 of 6
Chun... 11/9/20 11/20/20



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

032021066

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

B.P

Sample #	HA #	Sample Location	Material Description
110270	1A	Room 2	4" gray concrete
	1B	Room 3	
	2A	Room 2	yellow adhesive for
	2B	Room 3	
	3A	Room 2	yellow carpet adhesive
	3B	Room 2	"
	4A	Room 3	12" x 12" gray mottled floor tile
	4B	Room 3	"
	5A	Room 3	yellow adhesive for
	5B	Room 3	"
	6A	Room 3	2' x 4' pin hole fissured SCT
	6B	Rest Room 1	"
	7A	Room 3	gray gypsum wall board
	7B	HVAC Room 1	"
	8A	Room 3	white joint compound
	8B	HVAC Room 1	"
	9A	Room 3 stairwell	yellow adhesive on shelf white tape for joint compound
	9B	stairwell	yellow adhesive on shelf
	10A	HVAC Room 1	tan tape for joint compound
	10B	Room 2	"
	11A	Rest Room 1	12" x 12" pink floor tile
	11B		"
	12A		Black mastic for
	12B		"

*Comments/Special Instructions:

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11/20/2017

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Sample #	HA #	Sample Location	Material Description
110220	13A	Rest Room 1	12" x 12" tan SELF STICK Floor tile
	13B	↓	
	14A		4" tan cover base
	14B		
	15A		adhesive for
	15B		
	16A	Rest Room 1	yellow adhesive for Fg pane
	16B	" "	" "
	17A	1st Floor stair well	white window glazing
	17B	" "	" "
	18A	Room 1	gray adhesive for rubber mat
	18B	" "	
	19A	Room 17	yellow carpet adhesive gray window glazing
	19B	Room 17	yellow carpet adhesive
	20A	Room 1	white window caulk
	20B	Room 1	" "
	21A	Room 1	Black window glazing patch
	21B	Room 4	" "
	22A	Room 1	gray white window glazing patch
	22B	Room 1	" "
	23A	Room 6	Black vapor barrier behind wall
	23B	" "	" "
	24A	Room 7	gray paper in wall
	24B	" "	" "

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BP

Sample #	HA #	Sample Location	Material Description
110220	25A	Room 6	yellow glue daubs
	25B	" "	" "
	26A	Room 4	Black paper for pink Fg
	26B	2nd Floor stair	" "
	27A	Room 9	12" x 12" gray floor tile
	27B	↓	
	28A		yellow adhesive for
	28B	↓	
	29A	Room 9	4" gray core base
	29B	Rest Room 2	" "
	30A	Room 9	yellow adhesive for
	30B	Rest Room 2	
	31A	Rest Room 2	2' x 4' pin hole fissured scf
	31B	Room 10	" "
	32A	Room 9	Black glue daub for Fg panel
	32B	Room 9	" "
	33A	Room 10	yellow carpet adhesive
	33B	Room 15	" "
	34A	Room 9	Remnant Black adhesive
	34B	Rest Room 2	" "
	35A	Room 11	white gypsum board
	35B	Room 14	" "
	36A	Room 11	white joint compound
	36B	Room 14	" "

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FAX: (856) 786-5974

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Bp

Sample #	HA #	Sample Location	Material Description
110220	37A	Room 10	tan tape for joint compound
	37B	Room 14	"
	38A	Mid 2nd Floor shop	Yellow wall panel adhesive
	38B	Room 9	"
	39A	Room 10 - window style 3	gray window glazing
	39B	Garage	"
	40A	2nd Floor - south shop area	Black paper vapor barrier under wood floor
	40B	"	"
	41A	2nd Floor south ^{window style 1} shop area	gray window glazing
	41B	1st Floor Shop area	"
	42A	Room 14	4" - 4" Blue cover
	42B	Room 17	
	43A	Room 14	Yellow adhesive for
	43B	Room 17	
	44A	Room 14	Black paper for yellow for
	44B	"	"
	45A	Room 16 window style 2	gray window glazing
	45B	Room 2	"
	46A	Room 14	Blue carpet adhesive
	46B	"	"
	47A	"	2' x 2' pinhole fissure sealant
	47B	"	"
	48A	Room 14	Brown composite wood floor
	48B	Room 16	"

*Comments/Special Instructions:

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Sample #	HA #	Sample Location	Material Description
110220	49A	ROOM 16	12"X12" pinkish tan self stick tile
	49B	" "	" "
	50A	NORTH SHOP - 2nd Floor	tan sheet floor
	50B		
	51A	↓	yellow adhesive for tile
	51B	↓	" "
	52A	HVAC 2 area	white pipe insulation
	52B	" "	" "
52C	52C	" "	" "
53A	53B	garage	tan fiberglass wrap
	53B		" "
	53C		" "
	54A		gray corrugated pipe insulation
	54B		" "
	54C		" "

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

EMSL Order: 032021627

Customer ID: HRP A50

Customer PO: CTB4001.P2

Project ID:

Attention: Alisa Werst
HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032-3149

Phone: (860) 674-9570

Fax: (860) 674-9624

Received Date: 11/21/2020 11:02 AM

Analysis Date: 11/25/2020 - 11/27/2020

Collected Date: 11/20/2020

Project: CTB4001.P2

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
55A 032021627-0001	ROOF 1- WHERE FLASHING MEETS BRICK - BLACK SEALANT	Black Non-Fibrous Homogeneous		10% Quartz 3% Ca Carbonate 80.0% Non-fibrous (Other)	7% Chrysotile
55B 032021627-0002	ROOF 1- WHERE FLASHING MEETS BRICK - BLACK SEALANT	Tan/Black Non-Fibrous Homogeneous		10% Quartz 20% Ca Carbonate 4% Mica 66.0% Non-fibrous (Other)	None Detected
56A 032021627-0003	ROOF 1- WHERE FLASHING MEETS BRICK - WHITE CAULK	White Non-Fibrous Homogeneous		3% Quartz 65% Ca Carbonate 2% Mica 30.0% Non-fibrous (Other)	None Detected
56B 032021627-0004	ROOF 1- WHERE FLASHING MEETS BRICK - WHITE CAULK	White Non-Fibrous Homogeneous	2% Cellulose	50% Ca Carbonate 4% Mica 44.0% Non-fibrous (Other)	None Detected
57A 032021627-0005	ROOF 1- FIELD - BLACK PAPER UNDER SHINGLES	Black Fibrous Homogeneous	55% Cellulose 20% Glass	5% Quartz 20.0% Non-fibrous (Other)	None Detected
57B 032021627-0006	ROOF 1- FIELD - BLACK PAPER UNDER SHINGLES	Black Fibrous Homogeneous	65% Cellulose	35.0% Non-fibrous (Other)	None Detected
58A 032021627-0007	ROOF 1 - BLACK FLASHING PAPER	Black Fibrous Homogeneous	15% Glass	5% Quartz 25% Ca Carbonate 55.0% Non-fibrous (Other)	None Detected
58B 032021627-0008	ROOF 1 - BLACK FLASHING PAPER	Black Non-Fibrous Homogeneous	15% Glass	20% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
59A 032021627-0009	ROOF 1 - BLACK FLASHING TAR	Black Fibrous Homogeneous		5% Quartz 55% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected

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

Initial report from: 11/28/2020 11:47:15



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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
59B 032021627-0010	ROOF 1 - BLACK FLASHING TAR	Black Non-Fibrous Homogeneous	3% Cellulose 4% Glass 2% Hair	30% Ca Carbonate 61.0% Non-fibrous (Other)	None Detected
60A 032021627-0011	ROOF 1 - GRAY ROOF SHINGLE	Gray/Black Fibrous Homogeneous	15% Glass	10% Quartz 55% Ca Carbonate 20.0% Non-fibrous (Other)	None Detected
60B 032021627-0012	ROOF 1 - GRAY ROOF SHINGLE	Black Non-Fibrous Homogeneous	15% Glass	5% Quartz 40% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected
61A 032021627-0013	ROOF 1 - BLACK ADHESIVE FOR ROOF SHINGLE	Black Non-Fibrous Homogeneous		15% Quartz 45% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected
61B 032021627-0014	ROOF 1 - BLACK ADHESIVE FOR ROOF SHINGLE	Black Non-Fibrous Homogeneous		15% Quartz 30% Ca Carbonate 55.0% Non-fibrous (Other)	None Detected
62A 032021627-0015	ROOF 2 - YELLOW ADHESIVE FOR EPDM	Black/Yellow Non-Fibrous Homogeneous	3% Cellulose	7% Mica 90.0% Non-fibrous (Other)	None Detected
62B 032021627-0016	ROOF 3 - YELLOWADHESIVE FOR EPDM	Black/Yellow Non-Fibrous Homogeneous	2% Cellulose 15% Glass	35% Ca Carbonate 48.0% Non-fibrous (Other)	None Detected
63A 032021627-0017	ROOF 2 - GRAY PAPER FOR FOAM	Tan Fibrous Homogeneous	3% MinWool 15% Glass	7% Quartz 55% Ca Carbonate 20.0% Non-fibrous (Other)	None Detected
63B 032021627-0018	ROOF 8 - GRAY PAPER FOR FOAM	White/Beige Fibrous Homogeneous	25% Glass	10% Quartz 35% Ca Carbonate 30.0% Non-fibrous (Other)	None Detected

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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 032021627-0019	ROOF 3 - BROWN FIBER BOARD	Brown Fibrous Homogeneous	80% Cellulose	5% Quartz 15.0% Non-fibrous (Other)	None Detected
64B 032021627-0020	ROOF 3 - BROWN FIBER BOARD	Brown Fibrous Homogeneous	80% Cellulose	20.0% Non-fibrous (Other)	None Detected
65A 032021627-0021	ROOF 3 - BLACK ADHESIVE ON FIBER BOARD	Black Fibrous Homogeneous	7% Cellulose	3% Ca Carbonate 90.0% Non-fibrous (Other)	None Detected
65B 032021627-0022	ROOF 3 - BLACK ADHESIVE ON FIBER BOARD	Black Non-Fibrous Homogeneous	12% Cellulose	4% Ca Carbonate 84.0% Non-fibrous (Other)	None Detected
66A 032021627-0023	ROOF 4 - TAN ROLLED ROOF	Brown/Tan/Black Non-Fibrous Homogeneous	7% Glass	15% Quartz 25% Ca Carbonate 51.0% Non-fibrous (Other)	2% Chrysotile
66B 032021627-0024	ROOF 4 - TAN ROLLED ROOF	Brown/Tan/Black Non-Fibrous Homogeneous	15% Glass	10% Quartz 30% Ca Carbonate 45.0% Non-fibrous (Other)	None Detected
67A 032021627-0025	ROOF 4 - SILVER PAINTED LAYER	Black/Silver Non-Fibrous Homogeneous	5% Cellulose	20% Quartz 75.0% Non-fibrous (Other)	None Detected
67B 032021627-0026	ROOF 5 - SILVER PAINTED LAYER	Gray/Tan/Black Non-Fibrous Homogeneous	10% Glass	15% Quartz 30% Ca Carbonate 43.0% Non-fibrous (Other)	2% Chrysotile
68A 032021627-0027	ROOF 4 - BLACK FELT PAPER TAR	Black Fibrous Homogeneous	25% Cellulose	10% Quartz 7% Ca Carbonate 3% Mica 55.0% Non-fibrous (Other)	None Detected

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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
68B 032021627-0028	ROOF 5 - BLACK FELT PAPER TAR	Black Non-Fibrous Homogeneous	15% Cellulose	25% Ca Carbonate 57.0% Non-fibrous (Other)	3% Chrysotile
69A 032021627-0029	ROOF 4 - GRAY CONCRETE	Gray Non-Fibrous Homogeneous		10% Quartz 20% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
69B 032021627-0030	ROOF 5 - GRAY CONCRETE	Gray Non-Fibrous Homogeneous		10% Quartz 12% Ca Carbonate 45% Gypsum 33.0% Non-fibrous (Other)	None Detected
70A 032021627-0031	ROOF 5 - BROWN FIBER BOARD	Brown Fibrous Homogeneous	80% Cellulose	5% Quartz 15.0% Non-fibrous (Other)	None Detected
70B 032021627-0032	ROOF 8 - BROWN FIBER BOARD	Brown Fibrous Homogeneous	85% Cellulose	15.0% Non-fibrous (Other)	None Detected
71A 032021627-0033	ROOF 6 - SILVER ROLLED ROOF	Black Fibrous Homogeneous	5% Glass	15% Quartz 60% Ca Carbonate 20.0% Non-fibrous (Other)	None Detected
71B 032021627-0034	ROOF 7 - SILVER ROLLED ROOF	Gray/Black Non-Fibrous Homogeneous	20% Glass	7% Quartz 25% Ca Carbonate 48.0% Non-fibrous (Other)	None Detected
72A 032021627-0035	ROOF 6 - BLACK TAR PAPER LAYERS	Black Non-Fibrous Homogeneous	20% Cellulose	10% Quartz 70.0% Non-fibrous (Other)	None Detected
72B 032021627-0036	ROOF 7 - BLACK TAR PAPER LAYERS	Black Non-Fibrous Homogeneous	15% Cellulose	82.0% Non-fibrous (Other)	3% Chrysotile

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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
73A 032021627-0037	ROOF 8 - BLACK LAP SEALANT	Black Non-Fibrous Homogeneous		35% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
73B 032021627-0038	ROOF 8 - BLACK LAP SEALANT	Black Non-Fibrous Homogeneous		35% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
74A 032021627-0039	ROOF 1 - BLACK REMNANT FLASHING TAR	Black Non-Fibrous Homogeneous	3% Cellulose	5% Quartz 20% Ca Carbonate 65.0% Non-fibrous (Other)	7% Chrysotile
74B 032021627-0040	ROOF 1 - BLACK REMNANT FLASHING TAR	Black Non-Fibrous Homogeneous		35% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
75A 032021627-0041	ROOF REMNANT PILE ON GROUND - RED ROOF TILE	Red/Black Fibrous Homogeneous	20% Cellulose 3% Hair	7% Quartz 70.0% Non-fibrous (Other)	None Detected
75B 032021627-0042	ROOF REMNANT PILE ON GROUND - RED ROOF TILE	Black Non-Fibrous Homogeneous		25% Ca Carbonate 72.0% Non-fibrous (Other)	3% Chrysotile
76A 032021627-0043	ROOF REMNANT PILE ON GROUND - GREEN ROOF TILE	Black Non-Fibrous Homogeneous	10% Cellulose	20% Quartz 35% Ca Carbonate 35.0% Non-fibrous (Other)	None Detected
76B 032021627-0044	ROOF REMNANT PILE ON GROUND - GREEN ROOF TILE	Black/Green Non-Fibrous Homogeneous	15% Cellulose 5% Hair	20% Ca Carbonate 6% Mica 54.0% Non-fibrous (Other)	None Detected
77A 032021627-0045	ROOF REMNANT PILE ON GROUND - WHITE ROOF TILE	Black Non-Fibrous Homogeneous	7% Cellulose	15% Quartz 30% Ca Carbonate 46.0% Non-fibrous (Other)	2% Chrysotile

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

Initial report from: 11/28/2020 11:47:15



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

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

EMSL Order: 032021627

Customer ID: HRP A50

Customer PO: CTB4001.P2

Project ID:

Attention: Alisa Werst
HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032-3149

Phone: (860) 674-9570
Fax: (860) 674-9624
Received Date: 11/21/2020 11:02 AM
Analysis Date: 11/25/2020 - 11/27/2020
Collected Date: 11/20/2020

Project: CTB4001.P2

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
77B 032021627-0046	ROOF REMNANT PILE ON GROUND - WHITE ROOF TILE	Gray/Black Non-Fibrous Homogeneous	13% Cellulose	25% Ca Carbonate 62.0% Non-fibrous (Other)	None Detected
78A 032021627-0047	ROOF REMNANT PILE ON GROUND - BLACK ROOF TILE	Black Non-Fibrous Homogeneous		20% Quartz 40% Ca Carbonate 40.0% Non-fibrous (Other)	None Detected
78B 032021627-0048	ROOF REMNANT PILE ON GROUND - BLACK ROOF TILE	Black Non-Fibrous Homogeneous	2% Cellulose	98.0% Non-fibrous (Other)	None Detected
79A 032021627-0049	ROOF REMNANT PILE - BROWN FIBER BOARD	Brown Fibrous Homogeneous	65% Cellulose	10% Quartz 25.0% Non-fibrous (Other)	None Detected
79B 032021627-0050	ROOF REMNANT PILE - BROWN FIBER BOARD	Brown Non-Fibrous Homogeneous	80% Cellulose	20.0% Non-fibrous (Other)	None Detected
80A 032021627-0051	EXTERIOR SOUTH WEST - FAUX BRICK SHINGLE	Red/Black Non-Fibrous Homogeneous		60% Quartz 40.0% Non-fibrous (Other)	None Detected
80B 032021627-0052	EXTERIOR SOUTH WEST - FAUX BRICK SHINGLE	Red/Black Non-Fibrous Homogeneous	5% Cellulose	5% Quartz 90.0% Non-fibrous (Other)	None Detected
81A 032021627-0053	EXTERIOR SOUTH WEST - BROWN FIBER BOARD FOR SHINGLE	Brown Fibrous Homogeneous	45% Cellulose	20% Quartz 35.0% Non-fibrous (Other)	None Detected
81B 032021627-0054	EXTERIOR SOUTH WEST - BROWN FIBER BOARD FOR SHINGLE	Brown Fibrous Homogeneous	70% Cellulose	30.0% Non-fibrous (Other)	None Detected

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

Initial report from: 11/28/2020 11:47:15



EMSL Analytical, Inc.

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Tel/Fax: (212) 290-0051 / (212) 290-0058
<http://www.EMSL.com> / manhattanlab@emsl.com

EMSL Order: 032021627
Customer ID: HRP A50
Customer PO: CTB4001.P2
Project ID:

Attention: Alisa Werst
HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032-3149
Phone: (860) 674-9570
Fax: (860) 674-9624
Received Date: 11/21/2020 11:02 AM
Analysis Date: 11/25/2020 - 11/27/2020
Collected Date: 11/20/2020
Project: CTB4001.P2

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
82A 032021627-0055	EXTERIOR SOUTH WEST - BLACK VAPOR BARRIER FOR SHINGLE	Black Non-Fibrous Homogeneous	20% Cellulose	5% Quartz 75.0% Non-fibrous (Other)	None Detected
82B 032021627-0056	EXTERIOR SOUTH WEST - BLACK VAPOR BARRIER FOR SHINGLE	Black Non-Fibrous Homogeneous	55% Cellulose	45.0% Non-fibrous (Other)	None Detected
83A 032021627-0057	ROOF 9 - BLACK FLASHING TAR	Black Non-Fibrous Homogeneous	2% Cellulose 3% Synthetic	10% Quartz 20% Ca Carbonate 65.0% Non-fibrous (Other)	None Detected
83B 032021627-0058	ROOF 9 - BLACK FLASHING TAR	Black Non-Fibrous Homogeneous	2% Synthetic 7% Glass	20% Ca Carbonate 71.0% Non-fibrous (Other)	None Detected
84A 032021627-0059	ROOF 9 - BLACK PAPER UNDER SHINGLE	Black Fibrous Homogeneous	7% Glass	3% Quartz 30% Ca Carbonate 60.0% Non-fibrous (Other)	None Detected
84B 032021627-0060	ROOF 9 - BLACK PAPER UNDER SHINGLE	Black Non-Fibrous Homogeneous	10% Glass	90.0% Non-fibrous (Other)	None Detected
85A 032021627-0061	ROOF 9 - GRAY FLASHING CEMENT	Gray Non-Fibrous Homogeneous		5% Quartz 40% Ca Carbonate 55.0% Non-fibrous (Other)	None Detected
85B 032021627-0062	ROOF 9 - GRAY FLASHING CEMENT	Gray/Black Non-Fibrous Homogeneous		40% Quartz 25% Ca Carbonate 32.0% Non-fibrous (Other)	3% Chrysotile
Inseparable paint / coating layer included in analysis					
86A 032021627-0063	ROOF 9 - REMNANT BLACK FLASHING TAR	Black Non-Fibrous Homogeneous		3% Quartz 90.0% Non-fibrous (Other)	7% Chrysotile

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

Initial report from: 11/28/2020 11:47:15



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

EMSL Order: 032021627
Customer ID: HRP A50
Customer PO: CTB4001.P2
Project ID:

Attention: Alisa Werst HRP Associates, Inc. 197 Scott Swamp Road Farmington, CT 06032-3149	Phone: (860) 674-9570 Fax: (860) 674-9624 Received Date: 11/21/2020 11:02 AM Analysis Date: 11/25/2020 - 11/27/2020 Collected Date: 11/20/2020
Project: CTB4001.P2	

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
86B 032021627-0064	ROOF 9 - REMNANT BLACK FLASHING TAR	Black/Silver Non-Fibrous Homogeneous		92.0% Non-fibrous (Other)	8% Chrysotile
Metal not Analyzed					
87A 032021627-0065	ROOF 2 - BLACK VENT CAULK	Black Non-Fibrous Homogeneous		30% Ca Carbonate 70.0% Non-fibrous (Other)	None Detected
87B 032021627-0066	ROOF 8 - BLACK VENT CAULK	Black Non-Fibrous Homogeneous		10% Ca Carbonate 90.0% Non-fibrous (Other)	None Detected

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

Initial report from: 11/28/2020 11:47:15



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

EMSL Order: 032021627
Customer ID: HRP A50
Customer PO: CTB4001.P2
Project ID:

Attention: Alisa Werst HRP Associates, Inc. 197 Scott Swamp Road Farmington, CT 06032-3149	Phone: (860) 674-9570 Fax: (860) 674-9624 Received Date: 11/21/2020 11:02 AM Analysis Date: 11/25/2020 - 11/27/2020 Collected Date: 11/20/2020
Project: CTB4001.P2	

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

Report Comments:

Sample Receipt Date:	11/21/2020	Sample Receipt Time:	11:02 AM
Analysis Completed Date:	11/27/2020	Analysis Completed Time:	11:16 PM

Analyst(s):

Ghaly Hemaya PLM (8)

Kerrie Gibson PLM (33)

Kleyvin Vaquero PLM (25)

Samples Reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

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

Initial report from: 11/28/2020 11:47:15



EMSL Analytical, Inc.

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

EMSL Order: 032021066
Customer ID: HRP A50
Customer PO: CTB4001.PZ
Project ID:

Attention: Alisa Werst HRP Associates, Inc. 197 Scott Swamp Road Farmington, CT 06032-3149	Phone: (860) 674-9570 Fax: (860) 674-9624 Received Date: 11/12/2020 2:07 PM Analysis Date: 11/19/2020 - 11/20/2020 Collected Date: 11/11/2020
Project: CTB4001, PZ TSK 6	

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

Report Comments:

Sample Receipt Date:	11/12/2020	Sample Receipt Time:	2:07 PM
Analysis Completed Date:	11/20/2020	Analysis Completed Time:	4:14 AM

Analyst(s):

Christopher Cernansky PLM (56)

Maye Yassin PLM (55)

Samples Reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

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

Initial report from: 11/20/2020 08:46:45



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

032021627

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: HRP Associates		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 197 Scott Swamp Road		<i>Third Party Billing requires written authorization from third party</i>	
City: Farmington	State/Province: CT	Zip/Postal Code: 06032	Country: USA
Report To (Name): Alisa Werst		Telephone #: 203-668-4665, 860-674-9570 x148	
Email Address: alisa.werst@hrpassociates.com		Fax #:	Purchase Order:
Project Name/Number: CTB 4001. PZ		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken:		CT Samples: <input checked="" type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

- 3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)

TEM - Bulk

- PLM EPA 600/R-93/116 (<1%)
 PLM EPA NOB (<1%)
 Point Count 400 (<0.25%) 1000 (<0.1%)
 Point Count w/Gravimetric 400 (<0.25%) 1000 (<0.1%)
 NIOSH 9002 (<1%)
 NY ELAP Method 198.1 (friable in NY)
 NY ELAP Method 198.6 NOB (non-friable-NY)
 OSHA ID-191 Modified
 Standard Addition Method

- TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
 NY ELAP Method 198.4 (TEM)
 Chatfield Protocol (semi-quantitative)
 TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
 TEM Qualitative via Filtration Prep Technique
 TEM Qualitative via Drop Mount Prep Technique

Other

Check For Positive Stop - Clearly Identify Homogenous Group

Date Sampled: 11/20/20

Samplers Name: Alisa Werst

Samplers Signature: Alisa Werst

Sample #	HA #	Sample Location	Material Description
		See next page	

EMSL MANHATTAN LAB
 RECEIVED
 20 NOV 21 AM 11:02

Client Sample # (s): 112020-1A	Total # of Samples: 66
Relinquished (Client): Alisa Werst	Date: 11-20-20 Time: 4PM
Received (Lab):	Date: Time:
Comments/Special Instructions: Fr 8133 5460 G18r	



EMSL MANHATTAN
RECEIVED

**Asbestos Bulk Building Material
Chain of Custody**

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

20 NOV 21 AM 11:00

EMSL Order Number (Lab Use Only):

032021627

B.P

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
112020-	55A	Roof 1 - where flashing meets brick	Black sealant
	55B	" "	" "
	56A	Roof 1 EBM	White caulk
	56B	" "	" "
	57A	Roof 1 Field	Black paper under shingles
	57B	" "	" "
	58A	Roof 1 Flashing paper	Black Flashing paper
	58B	" "	" "
	59A	Roof 1 Flashing tar	Black Flashing tar
	59B	" "	" "
	60A	Roof 1	gray Roof shingle
	60B	" "	" "
	61A	Roof 1	Black adhesive for
	61B	" "	" "
	62A	Roof 2	Yellow adhesive for EPDM
	62B	Roof 3	
	63A	Roof 2	gray paper for foam
	63B	Roof 8	
	64A	Roof 3	Brown Fiber board
	64B	" "	" "
	65A	Roof 3	Black adhesive on
	65B	" "	" "
	66A	Roof 4	tan rolled roof
	66B	Roof 5	" "

*Comments/Special Instructions:



Asbestos Bulk Building Material

Chain of Custody

EMSL Order Number (Lab Use Only):

032021627

B.P

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
112020	67A	Roof 4	Silver painted layer
	67B	Roof 5	" "
	68A	Roof 4	Black Felt paper tar
	68B	Roof 5	" "
	69A	Roof 4	gray concrete
69B	70A	Roof 5	" "
	70A	Roof 5	Brown Fiber board
	70B	Roof 8	" "
	71A	Roof 6	Silver rolled roof
	71B	Roof 7	" "
	72A	Roof 6	Black tar paper layers
	72B	Roof 7	" "
	73A	Roof 8	Black Lap sealant
	73B	" "	" "
	74A	Roof 1	Black Remnant Flashing tar
	74B	Roof 1	" "
	75A	Roof Remnant pile on ground	Red roof tile
	75B		" "
	76A		green roof tile
	76B		" "
	77A		White roof tile
	77B		" "
	78A		Black roof tile
	78B		" "

*Comments/Special Instructions:



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RECEIVED

**Asbestos Bulk Building Material
Chain of Custody**

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

20 NOV 21 AM 11:03

032021621

B.P

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
112020	79A	Roof Remnant Pile	Brown Fiber board
	79B	" "	" "
	80A	Exterior south west	Faux brick shingle
	80B		
	81A		Brown Fiber board For
	81B		
	82A		Black vapor barrier For
	82B		
	83A	Roof 9	Black Flashing tar
	83B		" "
	84A		Black paper under shingles
	84B		" "
	85A		gray Flashing cement
	85B		" "
	86A		Remnant Black Flashing tar
	86B		" "
	87A	Roof 2	Black vent caulk
	87B	Roof 8	" "
*Comments/Special Instructions:			

Alisa Werst

From: Holowitz, David <dholowitz@EMSL.com> on behalf of EMSL Lab - Manhattan <manhattanlab@EMSL.com>
Sent: Wednesday, December 9, 2020 3:24 PM
To: Alisa Werst; EMSL Lab - Manhattan
Cc: Douglas Allen
Subject: RE: EMSL report, COC for order(s) 032021066 (032021066 - CTB4001, PZ TSK 6)

Processing.



David Holowitz | *Admin/ Data Entry*

EMSL Analytical, Inc. | 307 West 38th Street | New York, NY 10018

Phone: 212-290-0051 | Fax: 212-290-0058 | Toll Free: 866-448-3675

COVID-19 Update: *EMSL Analytical, Inc. remains open as an essential business. To view real-time status updates for each of our 45 laboratories in the US and Canada, download EMSL's free smart device application via the [iTunes App Store - Apple](#) or [Google Play](#). APP updates are posted under Support / Lab Hours.*

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From: Alisa Werst [mailto:Alisa.Werst@hrpassociates.com]
Sent: Wednesday, December 09, 2020 2:18 PM
To: Holowitz, David <dholowitz@EMSL.com>; EMSL Lab - Manhattan <manhattanlab@EMSL.com>
Cc: Douglas Allen <doug.allen@hrpassociates.com>
Subject: RE: EMSL report, COC for order(s) 032021066 (032021066 - CTB4001, PZ TSK 6)

[EXTERNAL E-MAIL]

Good afternoon,

Can I get a confirmation analysis by TEM of samples 12A and 18A, for 5 day TAT?

Let me know if you have any questions,

Alisa



Alisa M. Werst | Senior Project Scientist

HRP Associates, Inc.

O 860.674.9570 Ext. 1167

D 860.773.3632

M 203.668.4665

From: EMSL (New York) <manhattanlab@emsl.com>

Sent: Friday, November 20, 2020 8:50 AM

To: Alisa Werst <Alisa.Werst@hrpassociates.com>

Cc: manhattanlab@emsl.com

Subject: EMSL report, COC for order(s) 032021066 (032021066 - CTB4001, PZ TSK 6)

Report, COC for order(s):
032021066 - CTB4001, PZ TSK 6

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David Holowitz | *Admin/ Data Entry*

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EMSL Order ID: 032021066
Customer ID: HRP A50
Customer PO: CTB4001.PZ
Project ID:

Attn: Alisa Werst
HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032-3149
Phone: (860) 674-9570
Fax: (860) 674-9624
Collected: 11/11/2020
Received: 11/12/2020
Analyzed: 12/10/2020
Proj: CTB4001, PZ TSK 6

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-1A **Lab Sample ID:** 032021066-0001
Sample Description: ROOM 2/4" GRAY COVEBASE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-1B **Lab Sample ID:** 032021066-0002
Sample Description: ROOM 3/4" GRAY COVEBASE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-2A **Lab Sample ID:** 032021066-0003
Sample Description: ROOM 2/YELLOW ADHESIVE 4" GRAY COVEBASE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 1102202B **Lab Sample ID:** 032021066-0004
Sample Description: ROOM 3/YELLOW ADHESIVE 4" GRAY COVEBASE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-3A **Lab Sample ID:** 032021066-0005
Sample Description: ROOM 2/YELLOW CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 110220-3B **Lab Sample ID:** 032021066-0006
Sample Description: ROOM 2/YELLOW CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-4A **Lab Sample ID:** 032021066-0007
Sample Description: ROOM 3/12 X 12 GRAY MOTTLED FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	100.0%	None Detected	



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EMSL Order ID:	032021066
Customer ID:	HRPA50
Customer PO:	CTB4001.PZ
Project ID:	

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-4B **Lab Sample ID:** 032021066-0008
Sample Description: ROOM 3/12 X 12 GRAY MOTTLED FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-5A **Lab Sample ID:** 032021066-0009
Sample Description: ROOM 3/YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLED FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-5B **Lab Sample ID:** 032021066-0010
Sample Description: ROOM 3/YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLED FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 110220-6A **Lab Sample ID:** 032021066-0011
Sample Description: ROOM 3/2 X 4 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/White	65.0%	35.0%	None Detected	

Client Sample ID: 110220-6B **Lab Sample ID:** 032021066-0012
Sample Description: REST ROOM 1/2 X 4 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray/White	60.0%	40.0%	None Detected	

Client Sample ID: 110220-7A **Lab Sample ID:** 032021066-0013
Sample Description: ROOM 3/GRAY GYPSUM WALL BOARD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	5.0%	95.0%	None Detected	

Client Sample ID: 110220-7B **Lab Sample ID:** 032021066-0014
Sample Description: HVAC ROOM 1/GRAY GYPSUM WALL BOARD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown	10.0%	90.0%	None Detected	

Client Sample ID: 110220-8A **Lab Sample ID:** 032021066-0015
Sample Description: ROOM 3/WHITE JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	White	2.0%	98.0%	None Detected	

Client Sample ID: 110220-8B **Lab Sample ID:** 032021066-0016
Sample Description: HVAC ROOM 1/WHITE JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	100.0%	None Detected	



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Customer ID:	HRPA50
Customer PO:	CTB4001.PZ
Project ID:	

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-9A **Lab Sample ID:** 032021066-0017
Sample Description: STAIRWELL/YELLOW ADHESIVE ON SHELF

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-9B **Lab Sample ID:** 032021066-0018
Sample Description: STAIRWELL/YELLOW ADHESIVE ON SHELF

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-10A **Lab Sample ID:** 032021066-0019
Sample Description: HVAC ROOM 1/TAN TAPE FOR JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	White	30.0%	70.0%	None Detected	

Client Sample ID: 110220-10B **Lab Sample ID:** 032021066-0020
Sample Description: ROOM 2/TAN TAPE FOR JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown/White	30.0%	70.0%	None Detected	

Client Sample ID: 110220-11A **Lab Sample ID:** 032021066-0021
Sample Description: REST ROOM 1/12 X 12 PINK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Red	0.0%	100.0%	None Detected	

Client Sample ID: 110220-11B **Lab Sample ID:** 032021066-0022
Sample Description: REST ROOM 1/12 X 12 PINK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Pink	0.0%	100.0%	None Detected	

Client Sample ID: 110220-12A **Lab Sample ID:** 032021066-0023
Sample Description: REST ROOM 1/BLACK MASTIC FOR 12 X 12 PINK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	7.0%	93.0%	<1% Chrysotile	
TÉM Grav. Reduction	12/10/2020	Black	0.0%	97.4%	2.6% Chrysotile	

Client Sample ID: 110220-12B **Lab Sample ID:** 032021066-0024
Sample Description: REST ROOM 1/BLACK MASTIC FOR 12 X 12 PINK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	5.0%	95.0%	<1% Chrysotile	



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EMSL Order ID: 032021066
Customer ID: HRPA50
Customer PO: CTB4001.PZ
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-13A **Lab Sample ID:** 032021066-0025

Sample Description: REST ROOM 1/12 X 12 TAN SELF STICK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Tan/White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-13B **Lab Sample ID:** 032021066-0026

Sample Description: REST ROOM 1/12 X 12 TAN SELF STICK FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-14A **Lab Sample ID:** 032021066-0027

Sample Description: REST ROOM 1/4" TAN COVEBASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-14B **Lab Sample ID:** 032021066-0028

Sample Description: REST ROOM 1/4" TAN COVEBASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-15A **Lab Sample ID:** 032021066-0029

Sample Description: REST ROOM 1/ADHESIVE FOR 4" TAN COVEBASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-15B **Lab Sample ID:** 032021066-0030

Sample Description: REST ROOM 1/ADHESIVE FOR 4" TAN COVEBASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-16A **Lab Sample ID:** 032021066-0031

Sample Description: REST ROOM 1/YELLOW ADHESIVE FOR FG PANEL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-16B **Lab Sample ID:** 032021066-0032

Sample Description: REST ROOM 1/YELLOW ADHESIVE FOR FG PANEL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-17A **Lab Sample ID:** 032021066-0033

Sample Description: 1ST FLOOR STAIRWELL/WHITE WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	96.0%	4% Chrysotile	



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Customer ID:	HRPA50
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Project ID:	

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-17B **Lab Sample ID:** 032021066-0034
Sample Description: 1ST FLOOR STAIRWELL/WHITE WINDOW GLAZING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	97.0%	3% Chrysotile	

Client Sample ID: 110220-18A **Lab Sample ID:** 032021066-0035
Sample Description: ROOM 1/GRAY ADHESIVE FOR RUBBER MAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Gray	<1%	100.0%	<1% Anthophyllite	
TEM Grav. Reduction	12/10/2020	Brown/Gray	0.0%	100.0%	<0.28% Anthophyllite	

Client Sample ID: 110220-18B **Lab Sample ID:** 032021066-0036
Sample Description: ROOM 1/GRAY ADHESIVE FOR RUBBER MAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown/Gray	5.0%	95.0%	<1% Anthophyllite	

Client Sample ID: 110220-19A **Lab Sample ID:** 032021066-0037
Sample Description: ROOM 17/YELLOW CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-19B **Lab Sample ID:** 032021066-0038
Sample Description: ROOM 17/YELLOW CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-20A **Lab Sample ID:** 032021066-0039
Sample Description: ROOM 1/WHITE WINDOW CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-20B **Lab Sample ID:** 032021066-0040
Sample Description: ROOM 1/WHITE WINDOW CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-21A **Lab Sample ID:** 032021066-0041
Sample Description: ROOM 1/BLACK WINDOW GLAZING PATCH

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	11/19/2020	Black	0.0%	100.0%	None Detected	



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EMSL Order ID: 032021066
Customer ID: HRPA50
Customer PO: CTB4001.PZ
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-21B **Lab Sample ID:** 032021066-0042
Sample Description: ROOM 8/BLACK WINDOW GLAZING PATCH

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	0.0%	100.0%	None Detected	

Client Sample ID: 110220-22A **Lab Sample ID:** 032021066-0043
Sample Description: ROOM 1/GRAY WINDOW GLAZING PATCH

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-22B **Lab Sample ID:** 032021066-0044
Sample Description: ROOM 1/GRAY WINDOW GLAZING PATCH

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	0.0%	100.0%	None Detected	

Client Sample ID: 110220-23A **Lab Sample ID:** 032021066-0045
Sample Description: ROOM 6/BLACK VAPOR BARRIER BEHIND WOOD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Black	70.0%	30.0%	None Detected	

Client Sample ID: 110220-23B **Lab Sample ID:** 032021066-0046
Sample Description: ROOM 6/BLACK VAPOR BARRIER BEHIND WOOD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	85.0%	15.0%	None Detected	

Client Sample ID: 110220-24A **Lab Sample ID:** 032021066-0047
Sample Description: ROOM 7/GRAY PAPER IN WALL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	55.0%	27.0%	18% Chrysotile	

Client Sample ID: 110220-24B **Lab Sample ID:** 032021066-0048
Sample Description: ROOM 7/GRAY PAPER IN WALL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	50.0%	30.0%	20% Chrysotile	

Client Sample ID: 110220-25A **Lab Sample ID:** 032021066-0049
Sample Description: ROOM 8/YELLOW GLUE DAUBS

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-25B **Lab Sample ID:** 032021066-0050
Sample Description: ROOM 8/YELLOW GLUE DAUBS

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	



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Customer ID: HRPA50
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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-26A **Lab Sample ID:** 032021066-0051
Sample Description: ROOM 4/BLACK PAPER FOR PINK FG

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Black/Pink	56.0%	44.0%	None Detected	

Client Sample ID: 110220-26B **Lab Sample ID:** 032021066-0052
Sample Description: 2ND FLOOR STAIR/BLACK PAPER FOR PINK FG

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown	85.0%	15.0%	None Detected	

Client Sample ID: 110220-27A **Lab Sample ID:** 032021066-0053
Sample Description: ROOM 9/12" X 12" GRAY FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-27B **Lab Sample ID:** 032021066-0054
Sample Description: ROOM 9/12" X 12" GRAY FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-28A **Lab Sample ID:** 032021066-0055
Sample Description: ROOM 9/YELLOW ADHESIVE FOR 12"X12" GRAY FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-28B **Lab Sample ID:** 032021066-0056
Sample Description: ROOM 9/YELLOW ADHESIVE FOR 12"X12" GRAY FLOOR TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-29A **Lab Sample ID:** 032021066-0057
Sample Description: ROOM 9/4" GRAY COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-29B **Lab Sample ID:** 032021066-0058
Sample Description: REST ROOM 2/4" GRAY COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-30A **Lab Sample ID:** 032021066-0059
Sample Description: ROOM 9/YELLOW ADHESIVE FOR 4" GRAY COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	



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Customer ID:	HRPA50
Customer PO:	CTB4001.PZ
Project ID:	

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-30B **Lab Sample ID:** 032021066-0060
Sample Description: REST ROOM 2/YELLOW ADHESIVE FOR 4" GRAY COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-31A **Lab Sample ID:** 032021066-0061
Sample Description: REST ROOM 2/2 X 4 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/White	65.0%	35.0%	None Detected	

Client Sample ID: 110220-31B **Lab Sample ID:** 032021066-0062
Sample Description: ROOM 10/2 X 4 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray/White	60.0%	40.0%	None Detected	

Client Sample ID: 110220-32A **Lab Sample ID:** 032021066-0063
Sample Description: ROOM 9/BLACK GLUE DAUBS FOR FG PANEL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Black	0.0%	82.0%	18% Chrysotile	

Client Sample ID: 110220-32B **Lab Sample ID:** 032021066-0064
Sample Description: ROOM 9/BLACK GLUE DAUBS FOR FG PANEL

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown	0.0%	85.0%	15% Chrysotile	

Client Sample ID: 110220-33A **Lab Sample ID:** 032021066-0065
Sample Description: ROOM 10/YELLOW CARPET ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 110220-33B **Lab Sample ID:** 032021066-0066
Sample Description: ROOM 15/YELLOW CARPET ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-34A **Lab Sample ID:** 032021066-0067
Sample Description: ROOM 9/REMNANT BLACK ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Black/Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-34B **Lab Sample ID:** 032021066-0068
Sample Description: REST ROOM 2/REMNANT BLACK ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	0.0%	100.0%	None Detected	



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 Customer ID: HRPA50
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 Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-35A **Lab Sample ID:** 032021066-0069
Sample Description: ROOM 11/WHITE GYPSUM BOARD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	White	8.0%	92.0%	None Detected	

Client Sample ID: 110220-35B **Lab Sample ID:** 032021066-0070
Sample Description: ROOM 14/WHITE GYPSUM BOARD

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	4.0%	96.0%	None Detected	

Client Sample ID: 110220-36A **Lab Sample ID:** 032021066-0071
Sample Description: ROOM 11/WHITE JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-36B **Lab Sample ID:** 032021066-0072
Sample Description: ROOM 14/WHITE JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	100.0%	None Detected	

Client Sample ID: 110220-37A **Lab Sample ID:** 032021066-0073
Sample Description: ROOM 10/TAN TAPE FOR JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown	65.0%	35.0%	None Detected	

Client Sample ID: 110220-37B **Lab Sample ID:** 032021066-0074
Sample Description: ROOM 14/TAN TAPE FOR JOINT COMPOUND

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	White	45.0%	55.0%	None Detected	

Client Sample ID: 110220-38A **Lab Sample ID:** 032021066-0075
Sample Description: MID 2ND FLOOR SHOP/YELLOW WALL PANEL ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	45.0%	55.0%	None Detected	

Client Sample ID: 110220-38B **Lab Sample ID:** 032021066-0076
Sample Description: ROOM 9/YELLOW WALL PANEL ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown/White	75.0%	25.0%	None Detected	

Client Sample ID: 110220-39A **Lab Sample ID:** 032021066-0077
Sample Description: ROOM 10-WINDOW STYLE 3/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	White/Black	<1%	100.0%	None Detected	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-39B **Lab Sample ID:** 032021066-0078
Sample Description: GARAGE/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 110220-40A **Lab Sample ID:** 032021066-0079
Sample Description: 2ND FLOOR- SOUTH SHOP AREA/BLACK PAPER VAPOR BARRIER UNDER WOOD FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Black	70.0%	30.0%	None Detected	

Client Sample ID: 110220-40B **Lab Sample ID:** 032021066-0080
Sample Description: 2ND FLOOR-SOUTH SHOP AREA/BLACK PAPER VAPOR BARRIER UNDER WOOD FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Black	85.0%	15.0%	None Detected	

Client Sample ID: 110220-41A **Lab Sample ID:** 032021066-0081
Sample Description: 2ND FLOOR SOUTH SHOP AREA WINDOW STYLE 1/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	98.0%	2% Chrysotile	

Client Sample ID: 110220-41B **Lab Sample ID:** 032021066-0082
Sample Description: 1ST FLOOR SHOP AREA/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	98.0%	2% Chrysotile	

Client Sample ID: 110220-42A **Lab Sample ID:** 032021066-0083
Sample Description: ROOM 14/GRAY WINDOW 4" BLUE COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Blue	0.0%	100.0%	None Detected	

Client Sample ID: 110220-42B **Lab Sample ID:** 032021066-0084
Sample Description: ROOM 17/GRAY WINDOW 4" BLUE COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Blue	0.0%	100.0%	None Detected	

Client Sample ID: 110220-43A **Lab Sample ID:** 032021066-0085
Sample Description: ROOM 14/YELLOW ADHESIVE FOR COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-43B **Lab Sample ID:** 032021066-0086
Sample Description: ROOM 17/YELLOW ADHESIVE FOR COVE BASE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	10.0%	90.0%	None Detected	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-44A **Lab Sample ID:** 032021066-0087
Sample Description: ROOM 14/BLACK PAPER FOR YELLOW FG

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Black	0.0%	100.0%	None Detected	

Client Sample ID: 110220-44B **Lab Sample ID:** 032021066-0088
Sample Description: ROOM 14/BLACK PAPER FOR YELLOW FG

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown/Black	55.0%	45.0%	None Detected	

Client Sample ID: 110220-45A **Lab Sample ID:** 032021066-0089
Sample Description: ROOM 16 WINDOW STYLE 2/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray	0.0%	98.0%	2% Chrysotile	

Client Sample ID: 110220-45B **Lab Sample ID:** 032021066-0090
Sample Description: ROOM 2/GRAY WINDOW GLAZING

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	0.0%	98.0%	2% Chrysotile	

Client Sample ID: 110220-46A **Lab Sample ID:** 032021066-0091
Sample Description: ROOM 14/BLUE CARPET ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Blue	0.0%	100.0%	None Detected	

Client Sample ID: 110220-46B **Lab Sample ID:** 032021066-0092
Sample Description: ROOM 14/BLUE CARPET ADHESIVE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Blue	0.0%	100.0%	None Detected	

Client Sample ID: 110220-47A **Lab Sample ID:** 032021066-0093
Sample Description: ROOM 14/2 X 2 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/White	40.0%	60.0%	None Detected	

Client Sample ID: 110220-47B **Lab Sample ID:** 032021066-0094
Sample Description: ROOM 14/2 X 2 PINHOLE FISSURED SCT

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray	70.0%	30.0%	None Detected	

Client Sample ID: 110220-48A **Lab Sample ID:** 032021066-0095
Sample Description: ROOM 14/BROWN COMPOSITE WOOD FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown	0.0%	100.0%	None Detected	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-48B **Lab Sample ID:** 032021066-0096
Sample Description: ROOM 16/BROWN COMPOSITE WOOD FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown	85.0%	15.0%	None Detected	

Client Sample ID: 110220-49A **Lab Sample ID:** 032021066-0097
Sample Description: ROOM 16/12 X 12 PINKISH TAN SELF STICK TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/Red	0.0%	100.0%	None Detected	

Client Sample ID: 110220-49B **Lab Sample ID:** 032021066-0098
Sample Description: ROOM 16/12 X 12 PINKISH TAN SELF STICK TILE

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Gray/Red	0.0%	100.0%	None Detected	

Client Sample ID: 110220-50A **Lab Sample ID:** 032021066-0099
Sample Description: NORTH SHOP-2ND FLOOR/12 X 12 TAN SHEET FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-50B **Lab Sample ID:** 032021066-0100
Sample Description: NORTH SHOP-2ND FLOOR/12 X 12 TAN SHEET FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-51A **Lab Sample ID:** 032021066-0101
Sample Description: NORTH SHOP-2ND FLOOR/YELLOW ADHESIVE FOR FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-51B **Lab Sample ID:** 032021066-0102
Sample Description: NORTH SHOP-2ND FLOOR/YELLOW ADHESIVE FOR FLOOR

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 110220-52A **Lab Sample ID:** 032021066-0103
Sample Description: HVAC 2 AREA/WHITE PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/White	<1%	75.0%	20% Amosite	
	11/19/2020				5% Chrysotile	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method

Client Sample ID: 110220-52B **Lab Sample ID:** 032021066-0104
Sample Description: HVAC 2 AREA/WHITE PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Gray/White	<1%	70.0%	25% Amosite	
	11/19/2020				5% Chrysotile	

Client Sample ID: 110220-52C **Lab Sample ID:** 032021066-0105
Sample Description: HVAC 2 AREA/WHITE PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	White	0.0%	74.0%	18% Amosite	
	11/20/2020				8% Chrysotile	

Client Sample ID: 110220-53A **Lab Sample ID:** 032021066-0106
Sample Description: GARAGE/TAN FIBERGLASS WRAP

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-53B **Lab Sample ID:** 032021066-0107
Sample Description: GARAGE/TAN FIBERGLASS WRAP

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-53C **Lab Sample ID:** 032021066-0108
Sample Description: GARAGE/TAN FIBERGLASS WRAP

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 110220-54A **Lab Sample ID:** 032021066-0109
Sample Description: GARAGE/GRAY CORREGUTED PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Gray	40.0%	25.0%	35% Chrysotile	

Client Sample ID: 110220-54B **Lab Sample ID:** 032021066-0110
Sample Description: GARAGE/GRAY CORREGUTED PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/19/2020	Brown/Gray	40.0%	25.0%	35% Chrysotile	

Client Sample ID: 110220-54C **Lab Sample ID:** 032021066-0111
Sample Description: GARAGE/GRAY CORREGUTED PIPE INSULATION

TEST	Analyzed		Non-Asbestos		Asbestos	Comment
	Date	Color	Fibrous	Non-Fibrous		
PLM	11/20/2020	Brown/Gray	30.0%	30.0%	40% Chrysotile	



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Customer ID: HRP A50
Customer PO: CTB4001.PZ
Project ID:

Attn: Alisa Werst
HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032-3149
Phone: (860) 674-9570
Fax: (860) 674-9624
Collected: 11/11/2020
Received: 11/12/2020
Analyzed: 12/10/2020
Proj: CTB4001, PZ TSK 6

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

Sample Receipt Date: 11/12/2020
Analysis Completed Date: 12/10/2020

Sample Receipt Time: 2:07 pm
Analysis Completed Time: 11:41 am

Analyst(s):

Christopher Cernansky PLM (56)

Hongyan Ran TEM Grav. Reduction (1)

Maye Yassin PLM (55)

Steven Li TEM Grav. Reduction (1)

Reviewed and approved by:

James Hall, Laboratory Manager
or Other Approved Signatory

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

APPENDIX B

XRF Lead Inspection Report

November 16, 2020

Alisa M. Werst
Senior Project Scientist
HRP Associates, Inc.
197 Swamp Scott Road, Farmington, CT 06032

Comprehensive Lead Inspection
1 Watrous St.,
East Hampton, CT
Office Phone: 860-773-3632
Cell Phone: 203-668-4665
Email: alisa.werst@hrpassociates.com
EnviroPlan # 2020-147

Dear Ms. Werst

On November 2, 2020 EnviroPlan's Neal Freuden, a certified State of Connecticut Lead Inspector/Risk Assessor, conducted a comprehensive lead based paint inspection on the inside and outside of the above referenced building to determine if there is lead based paint on various building components as a part of a Hazardous Building Material Assessment..

Discussion:

Utilizing a Brownsfields Grant, the Town of East Hampton is evaluating the environmental condition of the property. Located on the site is a 19,447 square foot two story mill style building constructed primarily of brick and wood. The year that the building was constructed is uncertain, but it is thought that it was before 1928.

Results of the Lead Based Paint Inspection:

Testing was performed utilizing an x-ray fluorescent analyzer in accordance with the attached document: Testing Procedures and Equipment for Non-Residential Properties found in Attachment A. Lead based paint was detected on several building components which are identified in Attachment B. X-Ray Fluorescent Testing Sheets with the inspection results on a component by component basis are in Attachment C. Diagrams of the layout of each floor illustrating the location of the rooms and room equivalents where the testing was performed are in Attachment D.

If you have any questions, please contact me at 860-977-5171.

A handwritten signature in black ink, appearing to read "Neal B. Freuden". The signature is fluid and cursive, with a long horizontal stroke at the end.

Neal B. Freuden
President
Connecticut Certified Lead Inspector/Risk Assessor 000152
Connecticut Certified Lead Planner Project Designer 000989

ATTACHMENT A
LEAD TESTING PROCEDURES AND EQUIPMENT
FOR NON-RESIDENTIAL PROPERTIES

**STANDARD OPERATING PROCEDURES
EPA LEAD-BASED PAINT INSPECTIONS FOR NON-RESIDENTIAL PROPERTIES**

TESTING PROCEDURES AND EQUIPMENT

The USEPA lead inspection protocols were consulted for this lead evaluation. EPA is the agency at the federal level with responsibility for the establishment of national lead-based paint standards for testing and abatement.

This lead evaluation was comprehensive. A comprehensive inspection means that representative painted surfaces were systematically evaluated on a room by room basis in accordance with EPA protocols.

Lead-based paint surfaces and components were identified by utilizing an on-site x-ray fluorescence (XRF) instrument. The instrument is operated in accordance with federal and manufacturer standards on the use of the instrument. Federal protocols provide, with the exception of wall surfaces, one reading with the instrument on a representative component in each room, i.e., baseboard, chair rail, etc., as sufficient to establish the lead paint classification of all the representatives of that component type in a room. In the case of walls, because of the large spaces involved and the variability in lead content in paint over such large areas, the federal wants a reading on each wall surface in a room. Therefore, representative testing is not permitted for walls.

The federal government has developed a Performance Characteristic Sheet (PCS) for each type of XRF instrument. The instrument must be calibrated in accordance with the PCS on a 1.0 milligram lead standard.

Each of the types of instruments has federal government-determined positive and negative ranges for the definition of lead-based paint. In addition, some instruments also have inconclusive ranges in some of their reading modes. XRF results are classified using either the threshold or the inconclusive range. For the threshold, results are classified as positive if they are greater than or equal to the threshold and negative if they are less than the threshold. There is no inconclusive classification when using the threshold. For the inconclusive range, results are classified as positive if they are greater than the upper limit of the inconclusive range and negative if they are less than the lower limit of the inconclusive range. EnviroPlan uses both the Radiation Monitoring Device (RMD) LPA Analyzer 1 or the Niton XL 300. The PCS for each instrument provides the following:

Radiation Monitoring Device LPA Analyzer 1

30-Second Standard Mode Reading Description	Substrate	Threshold (mg/cm ²)
Results corrected for substrate bias on metal substrate only.	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	0.9
	Plaster	1.0
	Wood	1.0

Quick Mode Reading Description	Substrate	Threshold (mg/cm ²)
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Readings not corrected for substrate bias on any substrate.	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

Niton XL 300

Standard Mode Reading Description	Substrate	Threshold (mg/cm ²)
Results not corrected for substrate bias on any substrate.	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

If a reading falls in the inconclusive range, either the lead inspector should be authorized by the client to take a paint chip sample to determine whether the final result is either positive or negative after laboratory analysis, or the result can be categorized as suspect positive and treated accordingly. If it is not confirmed with laboratory analysis, it cannot be assumed to be negative for toxic levels of lead.

Prior to the start of any testing, a sketch of the building is drawn, and side designations are given to help identify exactly where readings were taken. Drawings depicting the room numbering scheme are located on the cover page(s) for the building(s) inspected. Each side of the building is labeled A, B, C, or D. The wall "A" side of the unit is generally the side of primary entrance into a dwelling, and this room is always Room 1. Areas are numbered in a clockwise fashion as building construction allows. This allows the inspector to indicate which substrate surface was tested. The condition of the surface is described by a check mark in the appropriate column, under the heading "condition of surface" on the testing form.

When more than one surface type is present on a side, the component tested is indicated with a number. If two windows were present on a building side, they were numbered left to right.

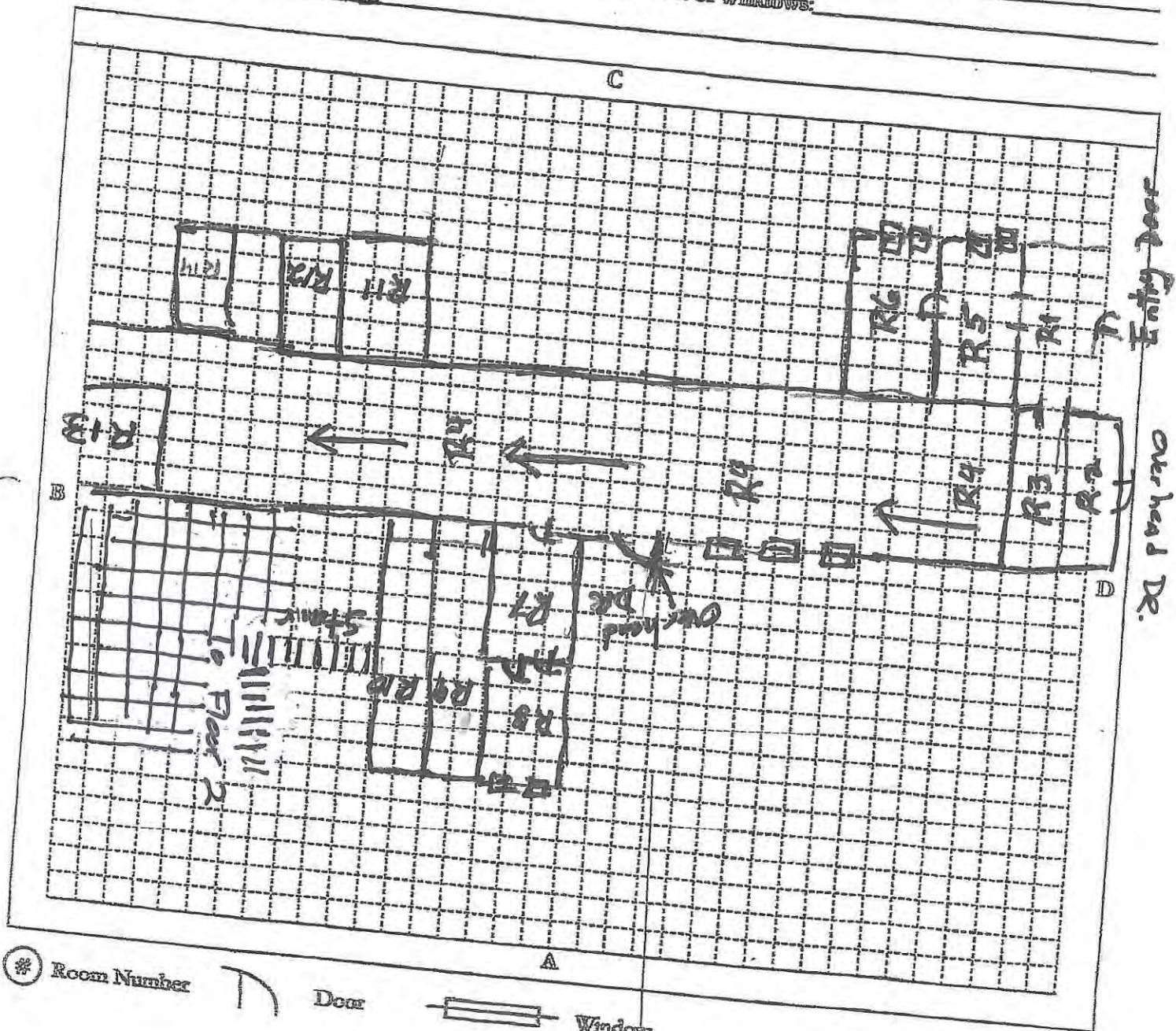
ATTACHMENT B

**LOCATIONS WHERE LEAD BASED PAINT
WAS DETECTED AT 1 WATROUS ST.
EAST HAMPTON, CT**

Location	Component	Defective?
FIRST FLOOR		
R7	A1 Door Casing and Jamb	Yes
R7	A2 Door	No
R8	C Door Casing and Jamb	Yes
SECOND FLOOR		
Stair (from the First to Second Floor)	A Wall	Yes
Hall 1	A Wall	Yes
Bath	C Door Casing and Jamb	Yes

ATTACHMENT D
FIRST AND SECOND FLOOR LAYOUTS

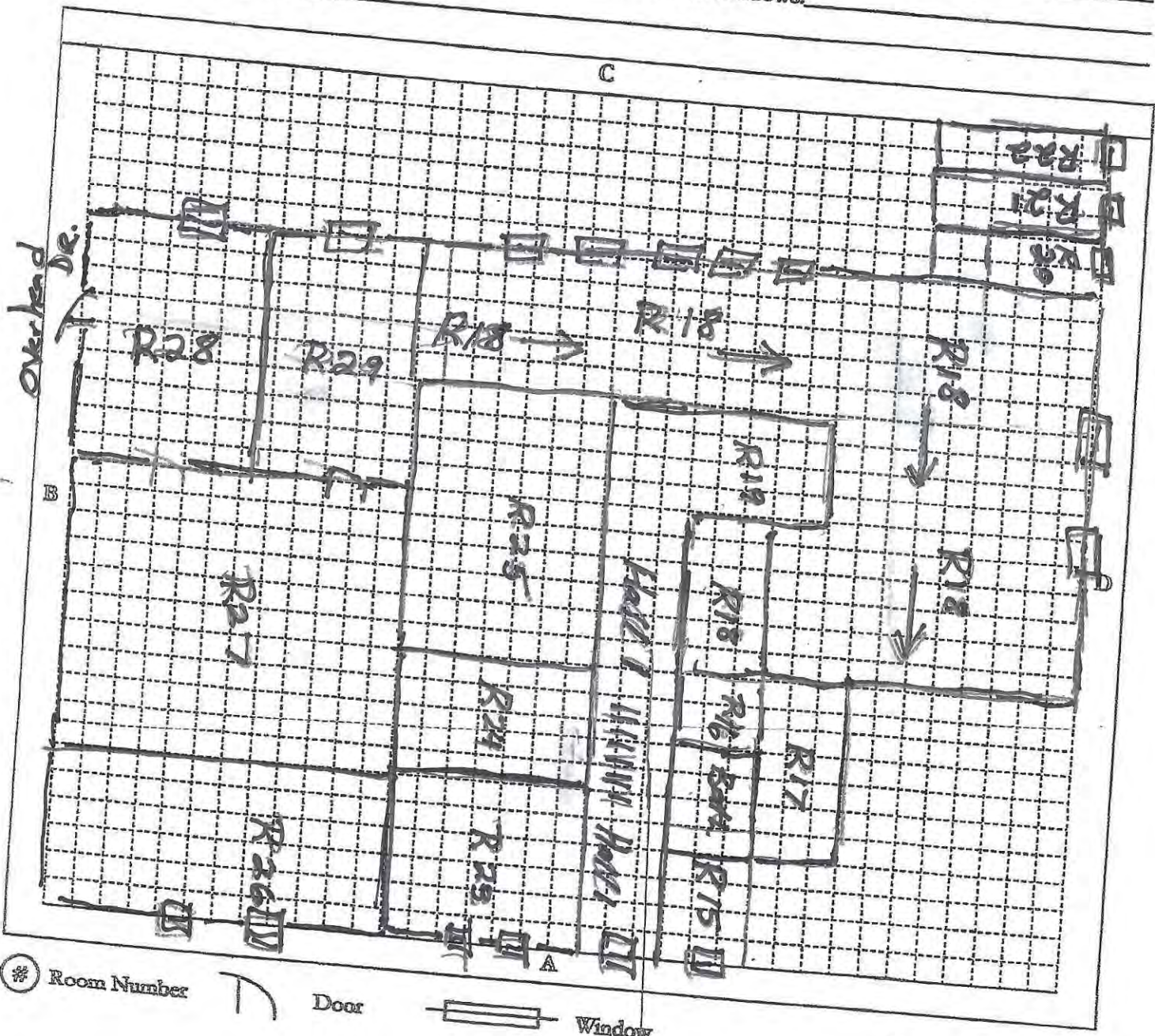
Project Name: HRP East Hampton LRP
 Address: Watrous St, East Hampton, CT
 Floor: 1
 Number of Doors: _____ Room: _____
 Diagram of: Floor 1 No. of Windows: _____
 Project Number: 2020-087
 Apt. #/Blkg #: _____
 Page _____ of _____



⊛ Room Number
 D Door
 Window

Page _____ of _____

Project Name: HRP East Hampton LBP
 Address: 1 Watrous St, East Hampton, CT
 Floor: 2
 Number of Doors: _____ Room: _____
 Diagram of: Floor 2 No. of Windows: _____
 Project Number: 2020-147
 Apt. #/Bldg #: _____
 Page _____ of _____





ATTACHMENT C
X-RAY FLUORESCENT TESTING SHEETS

LEAD INSPECTION COVER SHEET

Inspector's Information

Inspector's Name: N. Freuden License Number: 000152
 XRF Model: RMD Serial Number: 2756
 Date of Inspection: 11/2/20 Project Number: 2020-147

Property Information

Building Address: 1 Watrous St. (Street)
East Hampton CT Age of Property: circa 1927
 (City) (State)
 Describe Structure: 19,487 2 story mill style building
that EPA is treating as a Brownfield site. Old
comprehensive lead inspection will be performed
in conjunction with other environmental assessments

XRF Calibration Check

Calibration Paint Film Used: NIST 1.02 mg/cm² Manufacturer's Standard 1.0 mg/cm²
 Calibration Check Limits Used: RMD (0.7 to 1.3 mg/cm² inclusive)
 SCITEC MAP 4 (0.6 to 1.2 mg/cm² inclusive)

	Hour	First Reading	Second Reading	Third Reading	Average
First Check	1:30 pm	0.8	0.8	0.8	0.8
Second Check	3:35 pm	0.8	0.8	0.8	0.8
Third Check					
Fourth Check					

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watkins St, East Hampton CT
 Floor: 1 Room: R1

Project Name: HRP East Hampton GBP Project Number: 2020-147
 Apt. #: _____ Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	NC		C					
A	Wall	NC							
B	Wall	NC		B					
C	Wall	NC		B					
D	Wall	NC		B					
	Chair rail	NC		D					
	Ceiling	NC							
	Crown Molding	NC							
D	Door	NC							
	Casing	NC							
	Jamb	NC							
C	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St, East Hampton CT

Floor: 1 Room: B2

Project Name: HSP East Hampton LSP Project Number: 2000-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	N/C							
	Baseboards	N/C							
A	Wall	N/C							
B	Wall	N/C		B					
C	Wall	N/C							
D	Wall	N/C							
	Chair rail	N/C							
	Ceiling	N/C							
	Crown Molding	N/C							
D	Door	N/C		Vinyl					
	Casing	N/C							over dead DA
	Jamb	N/C							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watson St, East Hampton CT

Floor: 1 Room: R3

Project Name: HRP East Hampton CBP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	/							
A	Wall	/							
B	Wall	0.5 NO		B					
C	Wall	/							
D	Wall	0.3							
	Chair rail	/							
	Ceiling	NC							
	Crown Molding	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							Boarded up
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET -- INTERIOR ROOM

Address: 1 Watrous St, East Hampton CT

Floor: 1 Room: R4

Project Name: HQP East Hampton CBP Project Number: 2000-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	N/C							
A	Wall	-0.6							
B	Wall	-0.4							
C	Wall	-0.2							
D	Wall	-0.3							
	Chair rail								
	Ceiling	N/A							
	Crown Molding			W	✓				
A1	Door	-0.2							
	Casing	0.1							overhead
	Jamb	-0.2							
B	Door	0.1							
	Casing	-0.1							
	Jamb	-0.3							
A2	Window Trim	-0.2							
	Sill	0.1							
	Sash	0.2							
	Well				M				
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls								
	Shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET -- INTERIOR ROOM

Address: 1 Watrous St, East Hampton CT

Floor: 1 Room: R5

Project Name: HRP East Hampton GBP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	NC							
A	Wall	0.1							Vinyl
B	Wall	0.1							
C	Wall	0.2							
D	Wall	0.1							
	Chair rail	/							
	Ceiling	/							
	Crown Molding	NA		W	✓				
B1	Door	NC							
	Casing	0.1							Vinyl
	Jamb	0.2							
B2	Door	NC							
	Casing	0.1							Vinyl
	Jamb	0.1							
A2	Window Trim	/							
	Sill	0.5							
	Sash	0.2							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							
	Support Column	/		M					

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St, East Hampton CT
 Floor: 1 Room: R6
 Project Name: HCP Part Hampton GBP Project Number: 2000-147

Apt. #: _____
 Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	NC							
A	Wall	NC							tile
B	Wall	0.1							Vinyl
C	Wall	0.1							
D	Wall	0.3							
	Chair rail	0.4							
	Ceiling								
	Crown Molding	NC							
D	Door	NC							TILE
	Casing	NC							Vinyl
	Jamb	0.1							
A	Door	NC							
	Casing	NC							
	Jamb	NC							
C	Window Trim	-0.1							
	Sill	NA							
	Sash	NA							
	Well	NA							
	Cabinet Base								Base on the window
	Door Exterior								
	Door Interior								
	Walls								
	Shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 1 Room: R7

Project Name: HRR East Hampton L&P Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	NC							
A	Wall	0.1							
B	Wall	NC							
C	Wall	-0.2							
D	Wall	NC							
	Chair rail	/							
	Ceiling	-0.1							
	Crown Molding	/		W	✓				
A1	Door	NC							
	Casing	4.2	✓	W	✓				
	Jamb	6.4	✓	W	✓				
A2	Door	1.1	✓	W	✓				
	Casing	-0.2	✓	W					
	Jamb	0.1							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watson St, East Hampton CT

Floor: _____ Room: R8

Project Name: HRP East Hampton LSP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards								
A	Wall	-0.2							file
B	Wall	-0.0							
C	Wall	-0.1							
D	Wall	-0.1							
	Chair rail								
	Ceiling	+0.2		W	✓				
	Crown Molding								
D	Door	0.4							
	Casing	0.2							over head
	Jamb								
C	Door	0.2							
	Casing	5.7	✓	W	✓				
	Jamb	3.6	✓	W	✓				
	Window Trim								
	Sill	NC							
	Sash								
	Well								
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls								
	Shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watson St, East Hampton Ct

Floor: 1 Room: B9

Project Name: HRP East Hampton GBP Project Number: 2000-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	/							
A	Wall	-0.1							
B	Wall	-0.16							
C	Wall	-0.2							
D	Wall	0.1							
	Chair rail	/							
	Ceiling	NC							
	Crown Molding	/							
A	Door	0.1							File
	Casing	0.2							
	Jamb	-0.0							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	-0.2							
	Sill	0.1							
	Sash	-0.2							
	Well	/							
	Cabinet Base	NC							
	Door Exterior	/							
	Door Interior	/							
	walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watson St, East Hampton CT

Floor: 1 Room: R10

Project Name: HRR East Hampton GBP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	N/C							
	Baseboards	/							
A	Wall	-0.2							
B	Wall	-0.0							
C	Wall	-0.1							
D	Wall	-0.0							
	Chair rail	/							
	Ceiling	0.0							
	Crown Molding	/		W	✓				
D	Door	0.1							
	Casing	/							
	Jamb	0.2							
	Door	/							
	Casing	/							
	Jamb	/							
A	Window Trim	0.1							
	Sill	-0.2							
	Sash	-0.1							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Dundee IL

Floor: _____ Room: TRII

Project Name: HSP East Hamilton CBP

Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	/							
A	Wall	-0.1							
B	Wall	-0.2							
C	Wall	-0.6							
D	Wall	-0.4							
	Chair rail	/							
	Ceiling	NC							
	Crown Molding	/							
	Door	-0.6							
	Casing	NC							overhead
	Jamb	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St, East Hampton CT

Floor: 1 Room: R1B

Project Name: HQP East Hampton CBP Project Number: 2000-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	NC							
A	Wall	NC		P					
B	Wall	NC		P					
C	Wall	NC		P					
D	Wall	NC		P					
	Chair rail	NC							
	Ceiling	NC							
	Crown Molding	NC							
	Door	/							
	Casing	/							
	Jamb	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watson St, East Hampton, CT

Floor: 1 Room: R14

Project Name: HRP East Hampton GBP

Apt. #: _____

Page _____ of _____

Project Number: 2000-147

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	/							
A	Wall	5.15							
B	Wall	5.4							
C	Wall	5.4							
D	Wall	5.4							
	Chair rail	/							
	Ceiling	NA							
	Crown Molding	/		W					
	Door	/							
	Casing	/							
	Jamb	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							
	Shelving	5.4							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: Hall 1

Project Name: HRP East Hampton LEP

Apt. #: _____

Page _____ of _____

Project Number: 2020-147

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	NC							
	Baseboards	NC							
A	Wall	-0.16		B					
B	Wall	-0.1		B					
C	Wall	-0.1		B					
D	Wall	9.5	✓	W	✓				
	Chair rail	NC							
	Ceiling	-0.2							
	Crown Molding	NC							
	Door	NC							
D2	Casing	NC							
	Jamb	0.9							
	Door	NC							
D1	Casing	NC							
	Jamb	NC							
	Window Trim	-0.0							
	Sill	-0.1							
	Sash	-0.4							
	Well	NC							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

LEAD INSPECTION - COMMON AREA

Address: 1 Watrous St, East Hampton, CT Apt. #: _____
 Floor: 2 Room: R15 Page _____ of _____
 Project Name: HRP East Hampton LLP Project Number: 2020-147

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
A	Wall	-0.1							
B	Wall	-0.0							
C	Wall	-0.0							
D	Wall	-0.2							
	Floor	NC							
	Tread	/							file
	Riser								
	Stringer								
	Baseboard								
	Lower Railing								
	Baluster								
	Railing Cap								
	Newel Post								
	Hand Rail								
	Door		NC						
C	Casing	/							
	Jamb	NC							
	Door	NC							
D	Casing	NC							
	Jamb	NC							
	Window Trim	NC							
A	Sill	NC							
	Sash	-0.2							
	Well	/							
	Radiator	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

LEAD INSPECTION - COMMON AREA

Address: 1 Watrous St, East Hampton, NY Apt. #:
 Floor: 2 Room: Bath Page of
 Project Name: HRP East Hampton LCP Project Number: 2020-147

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
A	Wall	0.6							
B	Wall	0.4							
C	Wall	0.6							
D	Wall	0.5							
	Floor	NC							
	Tread								tile
	Riser								
	Stringer								
	Baseboard								
	Lower Railing								
	Baluster								
	Railing Cap								
	Newel Post								
	Hand Rail								
A	Door	0.1							
	Casing	NC							
	Jamb	0.0							
C	Door	0.1							
	Casing	0.7	✓	✓	✓				
	Jamb	1.0	✓	W	✓				
	Window Trim								
	Sill								
	Sash								
	Well								
	Radiator								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: R18

Project Name: HRP East Hampton LEP Project Number: 2020-147 Apt. #: Page of

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	NC							
A	Wall	/							
B	Wall	-0.1							
C	Wall	-0.0							
D	Wall	-0.1							
	Chair rail	-0.2							
	Ceiling	/							
	Crown Molding	-0.2		W	/				
	Door	/							
	Casing	/							
	Jamb	/							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	Shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							
	Support Columns	-0.1							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: R19

Project Name: HRP East Hampton LLP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	NC							
A	Wall	/							
B	Wall	-0.1							
C	Wall	-0.2							
D	Wall	-0.0							
	Chair rail	-0.1							
	Ceiling	/							
	Crown Molding	-0.2							
	Door	0.1							
	Casing	0.0							
	Jamb	0.0							
	Door	/							
	Casing	/							
	Jamb	/							
	Window Trim	/							
	Sill	/							
	Sash	/							
	Well	/							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls	/							
	shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							
	DR								
	Threshold	NC							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT
 Floor: 2 Room: R20
 Project Name: HFP East Hampton LEP

Apt. #: _____
 Page _____ of _____

(If Positive - Check All That Apply) Project Number: 2020-147

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	COV							
A	Wall								CARPET
B	Wall	-0.1							
C	Wall	-0.2							
D	Wall	-0.0							
	Chair rail	-0.1							
	Ceiling								
	Crown Molding	-0.3							
D	Door								
	Casing	0.1							
	Jamb	NC							
B	Door	NC							
	Casing	NC							
	Jamb	NC							
D	Window Trim	-0.1							
	Sill	-0.1							
	Sash	-0.0							
	Well								
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls encaves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement
 Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT
 Floor: 2 Room: R22

Project Name: HRR East Hampton LLP Project Number: 2020-147
 Apt. #: _____ Page ____ of ____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	N/C							
	Baseboards	0.1							
A	Wall	0.1							
B	Wall	0.0							
C	Wall	0.0							
D	Wall	0.0							
	Chair rail	/							
	Ceiling	/							
	Crown Molding	N/C							
	Door	/							
B	Casing	0.0							
	Jamb	0.0							
	Door	0.1							
	Casing	/							
	Jamb	/							
	Window Trim	/							
C1	Sill	0.0							
	Sash	0.0							
	Well	0.2							
	Cabinet Base	/							
	Door Exterior	/							
	Door Interior	/							
	Walls shelves	/							
	Shelf Supports	/							
	Closet Shelf	/							
	Shelf Supports	/							
	Radiator	/							
	Wall Molding	/							

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement
 Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: R24

Project Name: HPP East Hampton LLP Project Number: 2020-147

Apt. #: _____

Page ____ of ____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	<u>N/C</u>							
A	Wall	<u>-0.1</u>							
B	Wall	<u>-0.1</u>							
C	Wall	<u>-0.2</u>							
D	Wall	<u>-0.0</u>							
	Chair rail								
	Ceiling	<u>0.1</u>							
	Crown Molding								
B	Door	<u>N/C</u>							
	Casing	<u>N/C</u>							
	Jamb	<u>N/C</u>							
	Door								
	Casing								
	Jamb								
	Window Trim								
	Sill								
	Sash								
	Well								
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: R25

Project Name: HFP East Hampton LLP

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Project Number: 2020-11-17

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor								
	Baseboards	NC							
A	Wall								
B	Wall	-0.1							
C	Wall	-0.0							
D	Wall	-0.1							
	Chair rail								
	Ceiling								
	Crown Molding	-0.2							
C	Door								
	Casing	NC							
	Jamb	NC							
B	Door								
	Casing	NC							
	Jamb	NC							
	Window Trim								
	Sill								
	Sash								
	Well								
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls								
	Shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Watrous St East Hampton, CT

Floor: 2 Room: R27

Project Name: HRP East Hampton LEP Project Number: 2020-147

Apt. #: _____

Page _____ of _____

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Floor	COV							CARPET
	Baseboards								
A	Wall	-0.2							
B	Wall	-0.3							
C	Wall	-0.3							
D	Wall	-0.2							
	Chair rail								
	Ceiling	-0.2							
	Crown Molding								
	Door								
D	Casing	NC							
	Jamb	NC							
	Door	NC							
CI	Casing	0.0							
	Jamb	-0.1							
	Jamb	-0.1							
	Window Trim								
	Sill								
	Sash								
	Well								
	Cabinet Base								
	Door Exterior								
	Door Interior								
	Walls								
	shelves								
	Shelf Supports								
	Closet Shelf								
	Shelf Supports								
	Radiator								
	Wall Molding								

* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B
 N/A: Not Accessible; N/C: Not Coated; COV: Covered; VR - Vinyl Replacement

Notes: _____

APPENDIX C

PCB Laboratory Analytical Report

November 16, 2020

Doug Allen
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 1 Watrous St, East Hampton, CT
Client Job Number:
Project Number: CTB4001.P2
Laboratory Work Order Number: 20K0147

Enclosed are results of analyses for samples received by the laboratory on November 4, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Kerry K. McGee". The signature is written in a cursive, flowing style.

Kerry K. McGee
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

HRP Associates, Inc. (Private)
 197 Scott Swamp Road
 Farmington, CT 06032
 ATTN: Doug Allen

REPORT DATE: 11/16/2020

PURCHASE ORDER NUMBER: S-CT-01131

PROJECT NUMBER: CTB4001.P2

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20K0147

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Watrous St, East Hampton, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PCB-01	20K0147-01	Caulk		SW-846 8082A	
PCB-02	20K0147-02	Caulk		SW-846 8082A	
PCB-03	20K0147-03	Caulk		SW-846 8082A	
PCB-04	20K0147-04	Caulk		SW-846 8082A	
PCB-05	20K0147-05	Caulk		SW-846 8082A	
PCB-06	20K0147-06	Caulk		SW-846 8082A	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", is written over a light gray rectangular background.

Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-01

Sampled: 11/2/2020 12:30

Sample ID: 20K0147-01

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1221 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1232 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1242 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1248 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1254 [1]	0.78	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1260 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1262 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Aroclor-1268 [1]	ND	0.71	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:17	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		82.6	30-150					11/14/20 12:17	
Decachlorobiphenyl [2]		86.6	30-150					11/14/20 12:17	
Tetrachloro-m-xylene [1]		82.6	30-150					11/14/20 12:17	
Tetrachloro-m-xylene [2]		90.2	30-150					11/14/20 12:17	

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Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-02

Sampled: 11/2/2020 12:40

Sample ID: 20K0147-02

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1221 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1232 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1242 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1248 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1254 [1]	2.3	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1260 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1262 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Aroclor-1268 [1]	ND	0.73	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:35	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		101	30-150					11/14/20 12:35	
Decachlorobiphenyl [2]		106	30-150					11/14/20 12:35	
Tetrachloro-m-xylene [1]		96.1	30-150					11/14/20 12:35	
Tetrachloro-m-xylene [2]		103	30-150					11/14/20 12:35	

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Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-03

Sampled: 11/2/2020 12:50

Sample ID: 20K0147-03

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1221 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1232 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1242 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1248 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1254 [1]	0.97	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1260 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1262 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Aroclor-1268 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 12:53	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		84.6	30-150					11/14/20 12:53	
Decachlorobiphenyl [2]		88.9	30-150					11/14/20 12:53	
Tetrachloro-m-xylene [1]		81.9	30-150					11/14/20 12:53	
Tetrachloro-m-xylene [2]		88.8	30-150					11/14/20 12:53	

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Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-04

Sampled: 11/2/2020 13:00

Sample ID: 20K0147-04

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1221 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1232 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1242 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1248 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1254 [1]	2.0	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1260 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1262 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Aroclor-1268 [1]	ND	0.79	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:11	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		74.9	30-150					11/14/20 13:11	
Decachlorobiphenyl [2]		79.1	30-150					11/14/20 13:11	
Tetrachloro-m-xylene [1]		79.9	30-150					11/14/20 13:11	
Tetrachloro-m-xylene [2]		88.0	30-150					11/14/20 13:11	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-05

Sampled: 11/2/2020 13:10

Sample ID: 20K0147-05

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1221 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1232 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1242 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1248 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1254 [2]	0.86	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1260 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1262 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Aroclor-1268 [1]	ND	0.78	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:29	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		108	30-150					11/14/20 13:29	
Decachlorobiphenyl [2]		113	30-150					11/14/20 13:29	
Tetrachloro-m-xylene [1]		104	30-150					11/14/20 13:29	
Tetrachloro-m-xylene [2]		111	30-150					11/14/20 13:29	

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Project Location: 1 Watrous St, East Hampton, CT

Sample Description:

Work Order: 20K0147

Date Received: 11/4/2020

Field Sample #: PCB-06

Sampled: 11/2/2020 13:20

Sample ID: 20K0147-06

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1221 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1232 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1242 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1248 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1254 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1260 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1262 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Aroclor-1268 [1]	ND	0.74	mg/Kg	4		SW-846 8082A	11/10/20	11/14/20 13:47	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		100	30-150					11/14/20 13:47	
Decachlorobiphenyl [2]		103	30-150					11/14/20 13:47	
Tetrachloro-m-xylene [1]		97.5	30-150					11/14/20 13:47	
Tetrachloro-m-xylene [2]		106	30-150					11/14/20 13:47	

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Sample Extraction Data

Prep Method: SW-846 3540C Analytical Method: SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20K0147-01 [PCB-01]	B270648	0.562	10.0	11/10/20
20K0147-02 [PCB-02]	B270648	0.551	10.0	11/10/20
20K0147-03 [PCB-03]	B270648	0.510	10.0	11/10/20
20K0147-04 [PCB-04]	B270648	0.504	10.0	11/10/20
20K0147-05 [PCB-05]	B270648	0.511	10.0	11/10/20
20K0147-06 [PCB-06]	B270648	0.542	10.0	11/10/20

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B270648 - SW-846 3540C

Blank (B270648-BLK1)

Prepared: 11/10/20 Analyzed: 11/14/20

Aroclor-1016	ND	0.19	mg/Kg							
Aroclor-1016 [2C]	ND	0.19	mg/Kg							
Aroclor-1221	ND	0.19	mg/Kg							
Aroclor-1221 [2C]	ND	0.19	mg/Kg							
Aroclor-1232	ND	0.19	mg/Kg							
Aroclor-1232 [2C]	ND	0.19	mg/Kg							
Aroclor-1242	ND	0.19	mg/Kg							
Aroclor-1242 [2C]	ND	0.19	mg/Kg							
Aroclor-1248	ND	0.19	mg/Kg							
Aroclor-1248 [2C]	ND	0.19	mg/Kg							
Aroclor-1254	ND	0.19	mg/Kg							
Aroclor-1254 [2C]	ND	0.19	mg/Kg							
Aroclor-1260	ND	0.19	mg/Kg							
Aroclor-1260 [2C]	ND	0.19	mg/Kg							
Aroclor-1262	ND	0.19	mg/Kg							
Aroclor-1262 [2C]	ND	0.19	mg/Kg							
Aroclor-1268	ND	0.19	mg/Kg							
Aroclor-1268 [2C]	ND	0.19	mg/Kg							
Surrogate: Decachlorobiphenyl	3.81		mg/Kg	3.76		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	3.61		mg/Kg	3.76		95.9	30-150			
Surrogate: Tetrachloro-m-xylene	3.62		mg/Kg	3.76		96.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	3.49		mg/Kg	3.76		92.9	30-150			

LCS (B270648-BS1)

Prepared: 11/10/20 Analyzed: 11/14/20

Aroclor-1016	3.3	0.19	mg/Kg	3.90		84.9	40-140			
Aroclor-1016 [2C]	3.4	0.19	mg/Kg	3.90		86.9	40-140			
Aroclor-1260	3.3	0.19	mg/Kg	3.90		84.3	40-140			
Aroclor-1260 [2C]	3.1	0.19	mg/Kg	3.90		78.8	40-140			
Surrogate: Decachlorobiphenyl	3.93		mg/Kg	3.90		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	3.75		mg/Kg	3.90		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	3.66		mg/Kg	3.90		93.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	3.54		mg/Kg	3.90		91.0	30-150			

LCS Dup (B270648-BSD1)

Prepared: 11/10/20 Analyzed: 11/14/20

Aroclor-1016	3.2	0.19	mg/Kg	3.88		83.1	40-140	2.45	30	
Aroclor-1016 [2C]	3.3	0.19	mg/Kg	3.88		85.5	40-140	2.01	30	
Aroclor-1260	3.3	0.19	mg/Kg	3.88		84.6	40-140	0.0988	30	
Aroclor-1260 [2C]	3.1	0.19	mg/Kg	3.88		78.9	40-140	0.230	30	
Surrogate: Decachlorobiphenyl	3.74		mg/Kg	3.88		96.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	3.60		mg/Kg	3.88		92.8	30-150			
Surrogate: Tetrachloro-m-xylene	3.50		mg/Kg	3.88		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	3.43		mg/Kg	3.88		88.4	30-150			

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

PCB-02

SW-846 8082A

Lab Sample ID: 20K0147-02 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	2.3	
	2	0.000	0.000	0.000	2.1	9.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

PCB-03

SW-846 8082A

Lab Sample ID: 20K0147-03 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.97	
	2	0.000	0.000	0.000	0.89	8.6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

PCB-04

Lab Sample ID: 20K0147-04 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	2.0	
	2	0.000	0.000	0.000	1.9	5.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

PCB-05

Lab Sample ID: 20K0147-05 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	0.000	0.000	0.80	
	2	0.000	0.000	0.000	0.86	7.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8082A

Lab Sample ID: B270648-BS1 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	3.3	
	2	0.000	0.000	0.000	3.4	3.0
Aroclor-1260	1	0.000	0.000	0.000	3.3	
	2	0.000	0.000	0.000	3.1	6.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LCS Dup

Lab Sample ID: B270648-BSD1 Date(s) Analyzed: 11/14/2020 11/14/2020

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	3.2	
	2	0.000	0.000	0.000	3.3	3.1
Aroclor-1260	1	0.000	0.000	0.000	3.3	
	2	0.000	0.000	0.000	3.1	6.3

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Public Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples _____



con-test
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP
 Received By CU Date 11/4/10 Time 1925
 How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
 Direct from Sampling _____ Ambient _____ Melted Ice _____
 Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 21
 By Blank # _____ Actual Temp - _____
 Was Custody Seal Intact? NA Were Samples Tampered with? NA
 Was COC Relinquished? T Does Chain Agree With Samples? T
 Are there broken/leaking/loose caps on any samples? F
 Is COC in ink/ Legible? T Were samples received within holding time? T
 Did COC include all pertinent Information? Client T Analysis T Sampler Name T
 Project F ID's T Collection Dates/Times T
 Are Sample labels filled out and legible? T
 Are there Lab to Filters? F Who was notified? _____
 Are there Rushes? F Who was notified? _____
 Are there Short Holds? F Who was notified? _____
 Is there enough Volume? T
 Is there Headspace where applicable? NA MS/MSD? F
 Proper Media/Containers Used? T Is splitting samples required? F
 Were trip blanks received? F On COC? F
 Do all samples have the proper pH? _____ Acid NA Base NA

Vials	#	Containers:	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic	16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic	8oz Amb/Clear
Meoh-		250 mL Amb.		250 mL Plastic	4oz Amb/Clear
Bisulfate-		Flashpoint		Col./Bacteria	2oz Amb/Clear
DI-		Other Glass		Other Plastic	Encore
Thiosulfate-		SOC Kit		Plastic Bag	Frozen:
Sulfuric-		Perchlorate		Ziplock	

Unused Media

Vials	#	Containers:	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic	16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic	8oz Amb/Clear
Meoh-		250 mL Amb.		250 mL Plastic	4oz Amb/Clear
Bisulfate-		Col./Bacteria		Flashpoint	2oz Amb/Clear
DI-		Other Plastic		Other Glass	Encore
Thiosulfate-		SOC Kit		Plastic Bag	Frozen:
Sulfuric-		Perchlorate		Ziplock	

Comments:



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: HRP Associates, Inc. (Private)

Project Location: 1 Watrous St, East Hampton, CT

Project Number: 20K0147

Laboratory Sample ID(s):

Sample Date(s):

20K0147-01 thru 20K0147-06

11/02/2020

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5A	Were reporting limits specified or referenced on the chain-of-custody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5B	Were these reporting limits met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

Lisa A. Worthington

This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:

Lisa A. Worthington

Position: Technical Representative

Printed Name: Lisa A. Worthington

Date: 11/16/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.