

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,

Alisa Werst

Senior Project Scientist

Asbestos Inspector and Designer

Decelos Alle

Douglas S. Allen, PG, LEP

Project Manager

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

Attachment



PRE-DEMOLTION HAZARDOUS MATERIALS SURVEY REPORT

1 Watrous Street East Hampton, Connecticut

Prepared For:

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

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HRP #: CTB4001.P2

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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 homogeneous 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 <u>LEAD PAINT SURVEY</u>

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



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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.

- 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.

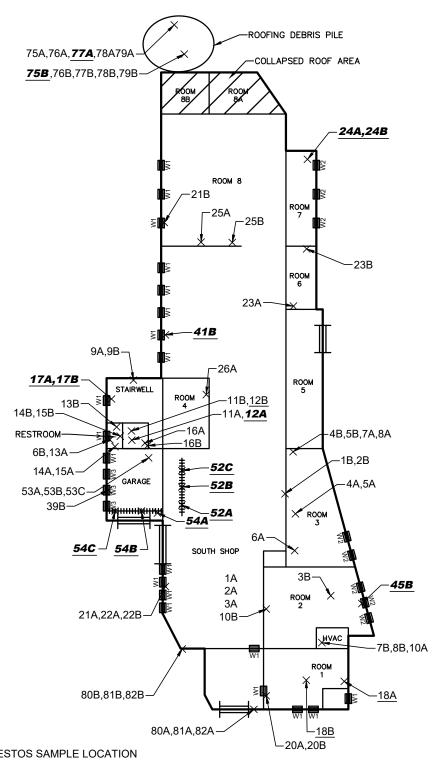


- 6. If sampling is included in the scope of the Project, the conclusions and recommendations contained in the Project Report(s) are based in part upon the data obtained from a limited number of soil, ground water, or surface water samples obtained from widely spaced surface or subsurface explorations. 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





21A \times - ASBESTOS SAMPLE LOCATION

 $18A \times -<1\%$ ASBESTOS

LEGEND

 $45B \times -> 1\%$ ASBESTOS

********** - ACM PIPE RUN





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ASBESTOS SAMPLE LOCATIONS

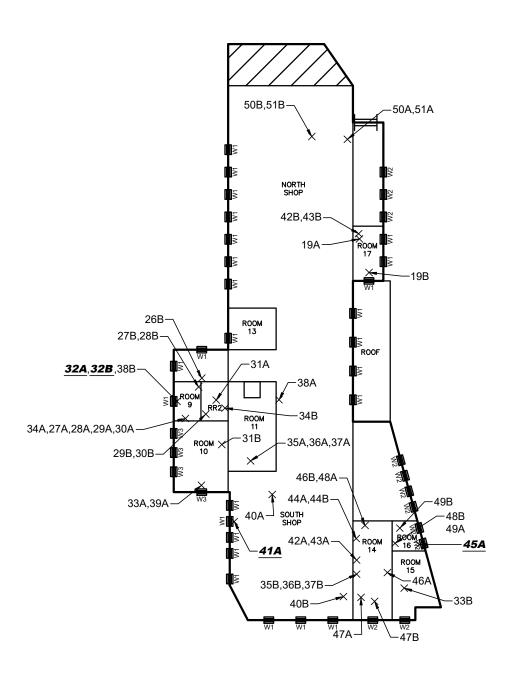
FIRST FLOOR 1 WATROUS STREET EAST HAMPTON, CONNECTICUT

			1"	=	30'	
ΛΙ	г.					

12/23/2020

ISSUE DATE:

CTB4001.P2 T7 PROJECT NUMBER:



21A \times - ASBESTOS SAMPLE LOCATION

 $\underline{18A} \times -<1\%$ ASBESTOS

 $\underline{\textbf{45B}}$ imes - >1% ASBESTOS







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ASBESTOS SAMPLE LOCATIONS

SECOND FLOOR 1 WATROUS STREET EAST HAMPTON, CONNECTICUT

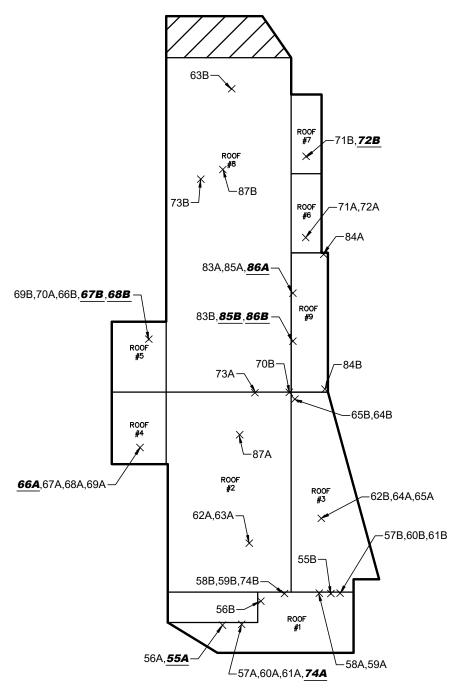
	1"	= 30.
SCALE:		

12/23/2020

ISSUE DATE:

CTB4001.P2 T7 PROJECT NUMBER:

Fig. 1B



21A \times - ASBESTOS SAMPLE LOCATION

 $18A \times -<1\%$ ASBESTOS

 $\underline{\textbf{45B}}$ imes - >1% ASBESTOS





INP.

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ASBESTOS SAMPLE LOCATIONS

ROOF 1 WATROUS STREET EAST HAMPTON, CONNECTICUT

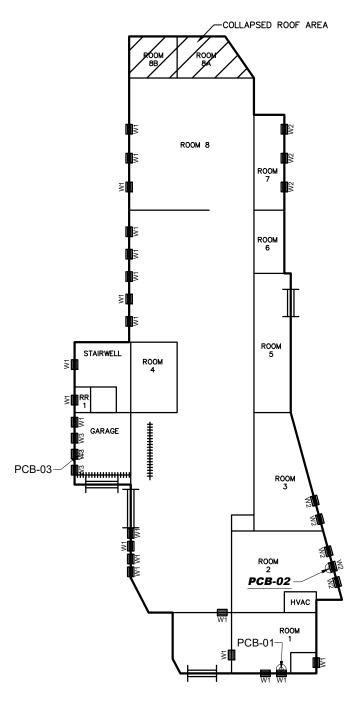
	1" = 30'
SCALE:	

12/23/2020

ISSUE DATE:

CTB4001.P2 T7
PROJECT NUMBER:

Fig.



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

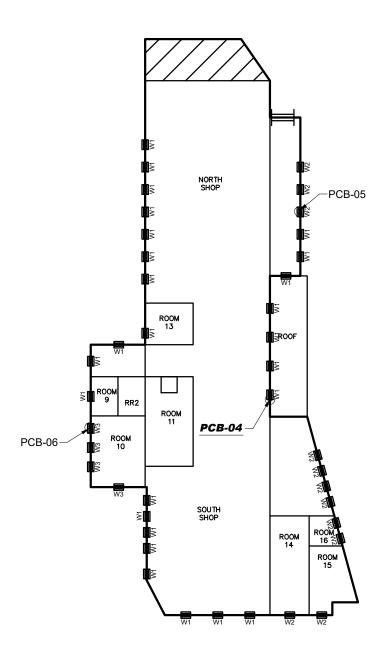
1	=	ડા)

SCALE:

12/23/2020 ISSUE DATE:

CTB4001.P2 T7
PROJECT NUMBER:

Fig.



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

Τ	=	30	

SCALE:

12/23/2020

ISSUE DATE:

CTB4001.P2 T7 PROJECT NUMBER:

Fig.

TABLES

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

1 WATROUS STREET EAST HAMPTON, CONNECTICUT

HRP #CTB4001.P2

Sample	Sample Locatio	n Material Description	Asbestos
Designation 110220-1A	Room 2	·	Content ND
110220-1A 110220-1B	Room 2	4" Gray Covebase 4" Gray Covebase	ND ND
110220-2A	Room 2 Room 3	Yellow Adhesive 4" Gray Covebase	ND ND
1102202B		Yellow Adhesive 4" Gray Covebase	ND
110220-3A	Room 2	Yellow Carpet Adhesive	ND
110220-3B	Room 2	Yellow Carpet Adhesive	ND ND
110220-4A	Room 3	12" X 12" Gray Mottled Floor Tile	ND
110220-4B 110220-5A	Room 3 Room 3	12" X 12" Gray Mottled Floor Tile Yellow Adhesive For 12" X 12" Gray Mottled Floor Tile	ND 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	Rooom 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	2.6% Chrysotile
110220-12B	Rest Room 1	Black Mastic For 12" X 12" Pink Floor Tile	<1% Chrysotile



Sample			Asbestos	
Designation	Sample Location	Material Description	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%	
		Trimes, e. ay rimaen e.ag	Chrysotile	
110220-17B	First Floor Stairwell	White/Gray Window Glazing	3% Chrysotile	
110220-18A	Room 1	Gray Adhesive For Rubber Mat	<0.28% Anthophylite	
110220-18B	Room 1	Gray Adhesive For Rubber Mat	<1% Anthophylite	
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 244	Doors 7	Gray Paper In Wall (debris in wall	18%	
110220-24A	Room 7	hole)	Chrysotile	
110220-24B	Room 7	Gray Paper In Wall (debris in wall	20%	
110220-246	ROOM 7	hole)	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	Gray Window Glazing For	2%
110220-41A	Shop Area	Window Style 1	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	2%
110220-437	TOOM TO	Window Style 2	Chrysotile



Sample			Asbestos
Designation	Sample Location	Material Description	Content
		Gray Window Glazing For	2%
110220-45B	Room 2	Window Style 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	ND
110220-47A	ROOM 14	Ceiling Tile	ND
110000 470	Doom 14	2' X 2' Pinhole Fissured Suspended	ND
110220-47B	Room 14	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	12" X 12" Tan Sheet Floor	ND
	Floor		
110220-50B	North Shop-Second	12" X 12" Tan Sheet Floor	ND
	Floor		
110220-51A	North Shop-Second	Yellow Adhesive For Tan Sheet Floor	ND
	Floor		
110220-51B	North Shop-Second	Yellow Adhesive For Tan Sheet Floor	ND
	Floor	Tollow Harlosito Fer Fair Griest Floor	
110220-52A	HVAC 2 Area	White Pipe Insulation	25%
		·	Chrysotile
110220-52B	HVAC 2 Area	White Pipe Insulation	30%
			Chrysotile 26%
110220-52C	HVAC 2 Area	White Pipe Insulation	Chrysotile
110220-53A	Garage	Tan Fiberglass Wrap	ND
110220-53B	Garage	Tan Fiberglass Wrap	ND
110220-53C	Garage	Tan Fiberglass Wrap	ND
			35%
110220-54A	Garage	Gray Corrugated Pipe Insulation	Chrysotile
110220-54B	Garage	Gray Corrugated Pipe Insulation	35%
110220-346	Garage	Gray Corrugated Fipe Histiation	Chrysotile
110220-54C	Garage	Gray Corrugated Pipe Insulation	40%
110220 010		eray corragated ripe mediation	Chrysotile
112020-55A	Roof 1- Where	Black Sealant	7%
	Flashing Meets Brick		Chrysotile
112020-55B	Roof 1- Where Flashing	Black Sealant	ND
	Meets Brick		
112020-56A	Roof 1- Where Flashing Meets Brick	White Caulk	ND
	Roof 1- Where Flashing		
112020-56B	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
		Black Flashing Paper	ND



Sample Sample Location N		Material Description	Asbestos
		Material Description	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	Yellowadhesive 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 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
112020-73A	Roof 8	Black Lap Sealant Black Lap Sealant	ND ND
			7%
112020-74A	Roof 1	Black Remnant Flashing Tar	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%
112020-03B	11001 7	oray ruering coment	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 concentraitions 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
	Fluorescent light bulbs	Throughout Building	150 EA	Mercury-containing
Mercury	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
	Unknown liquid	Room 8A	5 gallons	Unknown liquid
Miscellaneous Hazardous Materials	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**



197 Scott Swamp Road

Farmington, CT 06032-3149

Attention: Alisa Werst

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

Project ID:

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

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

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

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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



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Collected Date: 11/11/2020

Project: CTB4001, PZ TSK 6

Attention: Alisa Werst

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

	Description Appearance		Non-A	<u>Asbestos</u>	
Sample		Appearance	% 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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Project: CTB4001, PZ TSK 6

197 Scott Swamp Road

Farmington, CT 06032-3149

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Collected Date: 11/11/2020

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

	Description Appearance		Non-Asbestos		<u>Asbestos</u>
Sample		% 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	ROOOM 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

			Non-Asi	<u>Asbestos</u>	
Sample	Description	Appearance	% 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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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

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

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

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	Description		Non-Asbestos		<u>Asbestos</u>	
Sample		Appearance	% 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 <i>032021066-0056</i>	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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Project ID:

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

Attention: Alisa Werst

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

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

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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



197 Scott Swamp Road

Farmington, CT 06032-3149

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	Description Appearance		Non-Asb	<u>Asbestos</u>	
Sample		Appearance	% 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

	Description		Non-Asbestos		<u>Asbestos</u>	
Sample		Appearance	% 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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197 Scott Swamp Road

Farmington, CT 06032-3149

Attention: Alisa Werst

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

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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**

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

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			Non-Ask	<u>pestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	% 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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			Non-A	<u>Asbestos</u>	
Sample	Description	Appearance	% 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

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077

PHONE: (800) 220-3675 FAX: (856) 786-5974

			EMO	SL-Bill to: Same	Different
	RP Associates			is Different note instruction	
Street: 197	Scott Swamp	Road	Third Party Billin	ng requires written auth	norization from third party
City: Farm	ington	State/Province: CT	Zip/Postal Code: 0	06032 Cou	ntry: USA
	ame): Alisa Wer		Telephone #: 203	-668-4665,	860-674-9570 x
Email Addres	ss: alisa.werst@h	rpassociates.com	Fax #:	Pure	chase Order:
Project Name	e/Number: CTB4 \propto	DI, PZ TSK 6	Please Provide Res		
U.S. State Sa	amples Taken:	Turnaround Time /T			Residential/Tax Exe
3 Hour *For TEM Air 3	6 Hour	24 Hour 48 Hour ahead to schedule. There is a proce. Analysis completed in accord	remium charge for 3 Hour TE	96 Hour M AHERA or EPA Leve	1 Week 2 Weel at II TAT. You will be asked to see the Analytical Price Guide.
	PLM - Bulk (report	ting limit)		TEM - Bulk	
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☐ PLM EPA			☐ NY ELAP Method 1		
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Controlled Document		1/26	-1-1	11/	2 2



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

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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

Sample #	HA#	Sample Location	Material Description
0550119	-IA	Room 2	4" gray cove basp
	13	Room 3	5 /
	ZA	Room 2	yelbwadeh, VP Fox
	7B	Room 3	
	3A	Room Z	yellow carpet adhesive
	33	Room 2	
	4A	Room 3	1211XIZ" gray mottled Floor tilp
	48	Room 3	
	5A	Room 3	yellow ad hesive For
	5B	R000m3	10
	6A	Room 3	2'X4' pin holf Fissured SCT
	6B	Rest Room	9)
	7A	Room 3	gray gypsum wall board
	73	HVAC ROOMI	0 / 51/
	84	Room 3	white Joint compound
	8 B	HVAC ROOM	7
	94	Room 3 Starwell	white tape for Joint comp
	98	Stair Well	yellow adhosive on shelf
	IVA	HVAC ROOM	Tan tape For joint compou
	10B	Room 7	10
	ILA	All Rest Room!	17"X17" PINK Floor tile
	1113		
	17A		Black Mastic For No 179
A	173		1

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Page 2 of 6 pages



Asbestos Bulk Building Material Chain of Custody

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Sample #	HA#	Sample Location	Material Description	
6550	13A	Rest Room 1	12"XIZ" tan self stick Floor fi	
1	1313			
	14A		4" tan cove base	
	14B			
	15A		adhesive For	
	15B	V	V	
	16A	Rest Room1	yellow adhesive For Fa pane	
	163	11	11	
-	17.A	\$ 15t Floor Stair Well	white window glazing	
-	17B	1 t	()	
-	18A	ROOM	gray achesive For Tubber Mart	
	18B		gray window glazing	
7	19A	17' Room 17'		
		Room 17	yellow carpet aches is	
	20B	ROOMI	white window caulk	
	21A			
+	ZIB	200 m \$4	Black window glazing pate	
	77 A		white window glazing patch	
		Roomi	n	
	73A	Room 6	Black vapor battiot behindle	
	2313	11	11	
	74A	Room 7	gray paper in wall	
V	743	1/	20 NO.	

Controlled Document - Asbestos COC - R6 - 11/29/2012

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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

Sample #	HA#	Sample Location	Material Description
055011	25,A	Room&	yellow give daubs
(7513	(x 11	
	26 A	Room 4	Black paper For pink Fg
	263	2nd Floor Stat	11
	27A	Rooma	12" XIZE" gray Floor tile
	27B		0 /
	28A		Yellow adhesive For
	2813	V	V
	29 A	Room 9	4" gray cove byse
	293	Rest ROOM ?	(1)
	30 A	Room q	yellow adhesive For
	3013	Rest Room Z	
	31A	Restram Z	Z'X4' pin hole Fissural ScT
	313	Room 10	((
	32 A	Rooma	Black glue dans For Fo jour
-	32B	Room 9	
	33A	ROOM 10	yellow curpet adhesive
	33B	Room 15	1
	34A	ROOM 9	Remnant Black adhesive
		Rest Room 7	(
	35A	ROOM 11	white gypsom board
	35B	ROOM 14	11
	36 A	Room	white joint composition
V	Un636B	Room 14	TO THE TENT

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11/12 @ 2019 ED 2: 07



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

032020/10/0

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

ample #	HA#	Sample Location	Material Description
0220	374	Room ()	tan tape For joint compos
	37B	Room 14	IC
	38 A	Mid 2nd Floot Shop	Yellow wall panol adhosiva
	38B	Room 9	,
	39 A	Room 10 - window Style 3	gray window glazing
	391B	(2979Sp	10 /
	4UA	2nd Floor- south shop area	Black paper vapor barrior
	40 B	1	((
	41.A	2nd Floor South shop area	aray window glazing
	418	1st Floor Shop arpa	R '
	47A	REOM 14	d' 4" Blue cove b
	423	R00m17	
	43A	Room 14	Yellow adhesive For
	433	Room 17	
	44A	Room 14	Black puper For yellow F
	448	IN II	11
		Room 16 Window Style ?	gray window glazing
	4518	The state of the s	" Glating
	46A	Room 14	Blue carppt adhesivp
	4613		DIC
	474		2' XZ Dinholp Fissurped So
	478		IC NOW
1	44 A	Room 14	Brown composit wond Two
J	4	Roomila	N THE

Page 5 of 6 pages

11/12



Asbestos Bulk Building Material Chain of Custody

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Sample # H	IA# Sa	imple Location	Material Desc	cription
05501	19A ROOM 16		12"x12" pinkish ta	1 self stick til
1	49BN 1		IX.	11
3	JOA NOTTH Shop	- Ind Floor	tan s	heet Floor
5	50B			
) IA		yellow adhesive	FOT AND
	51B V		14	VI
	SZA MHVACZ O	ITPA	white pipe in	
	528 11	11		"
	BBW 1-	1	N	10
	SUB Garage		tan Fiberglass	w Tap
	3B 3C		N	,
	74 A		gray corregate	A pipe insul
	48	-	Jay com gure	O THE TWOOD
	40		14	
				N m
				EMSL M
				TA EEEE
				2 2
				2: 07
			0	7 8
*Comments	/Special Instructions:		Ball	

Page of pages

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197 Scott Swamp Road

Farmington, CT 06032-3149

EMSL Order: 032021627 Customer ID: HRPA50 Customer PO: CTB4001.P2

Project ID:

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

Attention: Alisa Werst

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

	Description		Non-A	<u>Asbestos</u> % Type	
Sample		Appearance	% Fibrous % Non-Fibrous		
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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197 Scott Swamp Road

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

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

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

			Non-A	Non-Asbestos		
Sample	Description	Appearance	% 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

	Description		Non-A	<u>Asbestos</u>	
Sample		Appearance	% 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

			Non-Asbestos		<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
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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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>Non-Asbestos</u>		<u>Asbestos</u>	
Sample	Description	Appearance	% 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



197 Scott Swamp Road

Farmington, CT 06032-3149

EMSL Order: 032021627 Customer ID: HRPA50 Customer PO: CTB4001.P2

Project ID:

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

Attention: Alisa Werst

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

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

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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



197 Scott Swamp Road

Farmington, CT 06032-3149

EMSL Order: 032021627 Customer ID: HRPA50 Customer PO: CTB4001.P2

Project ID:

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

Attention: Alisa Werst

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

			Non-A	<u>Asbestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
86B	ROOF 9 - REMNANT	Black/Silver		92.0% Non-fibrous (Other)	8% Chrysotile	
032021627-0064	BLACK FLASHING	Non-Fibrous				
	TAR	Homogeneous				
			Metal not Analyzed			
37A	ROOF 2 - BLACK	Black		30% Ca Carbonate	None Detected	
032021627-0065	VENT CAULK	Non-Fibrous		70.0% Non-fibrous (Other)		
		Homogeneous				
87B	ROOF 8 - BLACK	Black		10% Ca Carbonate	None Detected	
032021627-0066	VENT CAULK	Non-Fibrous		90.0% Non-fibrous (Other)		
		Homogeneous				

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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



197 Scott Swamp Road

Farmington, CT 06032-3149

egm/layeno

EMSL Order: 032021627 Customer ID: HRPA50 Customer PO: CTB4001.P2

Project ID:

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

Attention: Alisa Werst

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)

K

Kerrie Gibson PLM (33)

Kleyvin Vaquero PLM (25)

Samples Reviewed and approved by:

James Hall, Laboratory Manager or other approved signatory

bones PALLO

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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



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

Project ID:

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

HRP Associates, Inc.

197 Scott Swamp Road

Farmington, CT 06032-3149

Attention: Alisa Werst

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

bones PALLO

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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



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 Associ	ates		MSL-Bill to: ☐ Same to is Different note instruction		
Street: 197 Scott Swa		Third Party B	illing requires written aut	horization from third pa	rtv
City: Farmington	State/Province: CT	Zip/Postal Code:		intry: USA	
Report To (Name): Alisa			3-668-4665,		0 ×14
		-		A TOTAL CONTRACTOR	0 1111
Email Address: alisa.werst@hrpassociates.com Project Name/Number: CTB 4001 PZ U.S. State Samples Taken:		Fax #: Purchase Order: Please Provide Results: Fax Email			
			Commercial/Taxable		Exemp
	Turnaround Time (Ta				
3 Hour 6 Hour	24 Hour 48 Hour	72 Hour	☐ 96 Hour	the second secon	Week
*For TEM Air 3 hr through 6 hr, plea	ase call ahead to schedule. There is a pr is service. Analysis completed in accord	remium charge for 3 Hour	TEM AHERA or EPA Level and Conditions located in	the Analytical Price Guid	red to sign
	reporting limit)	and with EMOL 3 TOTAL	TEM - Bulk		20.
PLM EPA 600/R-93/116 (<		☐ TEM EPA NOB -	EPA 600/R-93/116 S	ection 2.5.5.1	
☐ PLM EPA NOB (<1%)		☐ NY ELAP Method			
Point Count 400 (<0.25%)	☐ 1000 (<0.1%)	☐ Chatfield Protoco		MICH MICH MICH.	
	400 (<0.25%) 1000 (<0.1%)		- EPA 600/R-93/116	Section 2.5.5.2	
☐ NIOSH 9002 (<1%)			via Filtration Prep Tec		
NY ELAP Method 198.1 (f	riable in NY)		via Drop Mount Prep		
NY ELAP Method 198.6 N			Other	- 10 Acces 1 Total	
OSHA ID-191 Modified				1	
☐ Standard Addition Method					
	See next pag	ρ			+
				201	EM#
				6	23
				N	EDA
				440	
				2.5	(C)
					103
				D.	5
Client Sample # (s):	, 1/2020-14 -		Total # of Sa	amples: 66	
Relinquished (Client):	M WELL DO	ate: 11-20-20)	Time: 4P	n
Received (Lab):		ate:		Time:	
Comments/Special Instruct	tions:		- 610	a sur	GIS
			FP 813	,3 5460	00



EMSL MANHATT/Asbestos Bulk Building Material **Chain of Custody**

EMSL Order Number (Lab Use Only):

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

Sample #	HA#	Sample Location	Material Description
2020-	55A	Roof 1 - Where Flashing	Black sealant
1	55B		11
	56A		white caulik
	56 B	((· //
	57A	ROOF / Field	Black papes undership
	57B	//	
	58A	ROOFI Floshing papat	Black Flashing papx
	58B		
	59A	ROOF! Flashing far	Black Flashing tar
	59B		
	60A	ROOF 1	gray Roof shingly
	60B	11	3
	GIA	ROOFI	Black adhesive for d
	61 B	11	16
	The state of the	1.200FZ	Yellow adhesive For EPA
	628	Roof 3	
	63A	Root 7	gray paper For Foam
- 15	63 B	R60F 8	3 / / /
	1	Reof 3	Brown Fiber boat of
	648		
	65 A		Black adhesive on
	65 B		
1/2	66 A	R00F4	tan rolled roof
41	66 13	Roof 5	11

4 pages



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
05051	67A	ROOF 4	silver painted layer
1	67B	ROOF 5	11
1		Roof 4	Black Felt paper tat
	68B	Roof 5	10
	69A	ROOF 4	gray concrets
69B	70A	Roof 5	1
	70A	ROOF 5	Brown Fiber board
- 6	70B	ROOF 8	11
	71A	ROOF 6	SIVET YOURD FOOF
	71B	ROOF 7	(-
	72A	ROOF 6	Black for paper layers
Pare 1	72B	Roof7	10
	73A	ROOF 8	Black Lapsealand
1	73B	11	(
	74A	ROOF 1	Black Remnant Flashington
	74B	Roof	1
	75A	Roof Remnant pile on ground	Red SOOF tilp
	75B	1	
	76A		green soof tila
	76 B		1,
	77A		White FOOT tile
	773		(
1.	78A		Black roof tile
0	78B	al Instructions:	"

Page 3 of 4 pages

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

11:03 032021621

B.F

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

Sample #	HA#	Sample Location	Material Description
12020	79 A	ROOF Remnant Pila	Brown Fiber board
1	79B		10
	80 A	Exterior south west	Faux. brick shingle
	60B		
	81 A	1	Brown Fiber both For
1 1 1	81B		4
- 1	82A	_	Black vapor barriot For
	8ZB	J/	
	83A	ROOF 9	Black Flashing tar
	83B		
J.	84A	0	Black paper under shing
Marie Land	84B		1-
	85A		gray Flushing comeny
	85B		32 /
	86 A		Remnant Black Flashing
	86B	V	
	87A	ROOF Z	Black vent coulk
4	67B	Roof 8	1
		4	
7			

Page 4 of 4 pages

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.



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 <u>iTunes App</u> 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



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

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

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

Lab Hours: 24 Hours 7 Days a week

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Client Sample ID:

EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018 Phone/Fax: (212) 290-0051 / (212) 290-0058 http://www.EMSL.com / manhattanlab@emsl.com EMSL Order ID: Customer ID: Customer PO:

032021066 HRPA50 CTB4001.PZ

Project ID:

Attn: Alisa Werst

> HRP Associates, Inc. 197 Scott Swamp Road

Farmington, CT 06032-3149

Phone: Fax:

(860) 674-9570 (860) 674-9624

Collected: Received: 11/11/2020 11/12/2020

Analyzed:

12/10/2020

CTB4001, PZ TSK 6 Proj:

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

Lab Sample ID: 032021066-0001 Client Sample ID: 110220-1A

Sample Description: ROOM 2/4" GRAY COVEBASE

	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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

	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
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

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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

	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
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**

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		11/19/2020	Brown	0.0%	100.0%	None Detected			
Client Sample ID:	110220-3B	<u> </u>	_				Lab Sample ID:	032021066-0006	

Sample Description: **ROOM 2/YELLOW CARPET ADHESIVE**

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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

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



307 West 38th Street New York, NY 10018 Phone/Fax: (212) 290-0051 / (212) 290-0058 http://www.EMSL.com / manhattanlab@emsl.com EMSL Order ID: Customer ID: Customer PO:

032021066 HRPA50 CTB4001.PZ

Project ID:

110220-4B					Lab Sample ID:	032021066-0008
ROOM 3/12 X 12 GRAY MO	OTTLED FLOOR TI	E			,	
Analyzed						
					Comment	
11/20/2020	Gray	0.0%	100.0%	None Detected		
110220-5A					Lab Sample ID:	032021066-0009
ROOM 3/YELLOW ADHES!	VE FOR 12 X 12 G	RAY MOTTLE	D FLOOR TILE			
Analyzed		Non-	-Asbestos			
Date	Color			Asbestos	Comment	
11/19/2020	Brown/Tan	0.0%	100.0%	None Detected		
110220-5B					Lab Sample ID:	032021066-0010
	VE FOR 12 X 12 G	RAY MOTTI F	D FLOOR TILE		•	
TOOM OF LELOW ADNEO	VET OR 12 X 12 O	TOTT MOTTEE	D I LOOK TILL			
Analyzed		Non	-Asbestos			
Date	Color			Asbestos	Comment	
11/20/2020	Brown	0.0%	100.0%	None Detected		
110220-6A					Lab Sample ID:	032021066-0011
ROOM 3/2 X 4 PINHOLE F	SSURED SCT					
Δnalvzod		Non	Ashastas			
-	Color			Asbestos	Comment	
11/19/2020	Gray/White	65.0%	35.0%	None Detected		
110220 6P	<u> </u>				I ah Sample ID:	032021066-0012
	01 E E1001 IDED 00	\ _			Lab Sample ID.	032021000-0012
REST ROOM 1/2 X 4 PINH	OLE FISSURED SC	, I				
Analyzed		Non	-Asbestos			
Date	Color			Asbestos	Comment	
11/20/2020	Gray/White	60.0%	40.0%	None Detected		
110220-7A					Lab Sample ID:	032021066-0013
ROOM 3/GRAY GYPSUM \	VALL BOARD					
A 1		N	A . I			
Analyzed	Color		-Asbestos	Ashastas	Comment	
Date	Color	Fibrous	Non-Fibrous	Asbestos None Detected	Comment	
Date 11/19/2020	Color Gray		Non-Fibrous	Asbestos None Detected		02024055 0044
Date 11/19/2020 110220-7B	Gray	Fibrous 5.0%	Non-Fibrous		Comment Lab Sample ID:	032021066-0014
Date 11/19/2020	Gray	Fibrous 5.0%	Non-Fibrous			032021066-0014
Date 11/19/2020 110220-7B	Gray	Fibrous 5.0%	Non-Fibrous			032021066-0014
11/19/2020 11/0220-7B HVAC ROOM 1/GRAY GYF	Gray	Fibrous 5.0% D	95.0%			032021066-0014
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed	Gray SUM WALL BOAR	Fibrous 5.0% D	95.0% Asbestos Non-Fibrous	None Detected	Lab Sample ID:	032021066-0014
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date	Gray SUM WALL BOAR Color	Fibrous 5.0% Non-Fibrous	95.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	032021066-0014
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020	Gray PSUM WALL BOAR Color Brown	Fibrous 5.0% Non-Fibrous	95.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A	Gray PSUM WALL BOAR Color Brown	Fibrous 5.0% Non-Fibrous	95.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO	Gray SUM WALL BOAR Color Brown MPOUND	Fibrous 5.0% Non- Fibrous 10.0%	Asbestos 90.0% Asbestos Asbestos	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO Analyzed Date	Gray SUM WALL BOAR Color Brown MPOUND Color	Fibrous 5.0% Non- Fibrous 10.0% Non- Fibrous	Asbestos Non-Fibrous 90.0% Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment	
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO	Gray SUM WALL BOAR Color Brown MPOUND	Fibrous 5.0% Non- Fibrous 10.0%	Asbestos Non-Fibrous 90.0% Asbestos Non-Fibrous Non-Fibrous	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID: Comment	032021066-0015
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO Analyzed Date	Gray SUM WALL BOAR Color Brown MPOUND Color	Fibrous 5.0% Non- Fibrous 10.0% Non- Fibrous	Asbestos Non-Fibrous 90.0% Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO Analyzed Date 11/19/2020	Gray SUM WALL BOAR Color Brown MPOUND Color White	Fibrous 5.0% Non- Fibrous 10.0% Non- Fibrous	Asbestos Non-Fibrous 90.0% Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	032021066-0015
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO Analyzed Date 11/19/2020 110220-8B HVAC ROOM 1/WHITE JOINT	Gray SUM WALL BOAR Color Brown MPOUND Color White	Fibrous 5.0% Non- Fibrous 10.0% Non- Fibrous 2.0%	Asbestos Non-Fibrous 90.0% -Asbestos Non-Fibrous 90.0% -Asbestos Non-Fibrous 98.0%	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	032021066-0015
Date 11/19/2020 110220-7B HVAC ROOM 1/GRAY GYF Analyzed Date 11/20/2020 110220-8A ROOM 3/WHITE JOINT CO Analyzed Date 11/19/2020 110220-8B	Gray SUM WALL BOAR Color Brown MPOUND Color White	Fibrous 5.0% Non- Fibrous 10.0% Non- Fibrous 2.0%	Asbestos Non-Fibrous 90.0% Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	032021066-0015
	Date 11/20/2020 110220-5A ROOM 3/YELLOW ADHESI Analyzed Date 11/19/2020 110220-5B ROOM 3/YELLOW ADHESI Analyzed Date 11/20/2020 110220-6A ROOM 3/2 X 4 PINHOLE FI Analyzed Date 11/19/2020 110220-6B REST ROOM 1/2 X 4 PINHOLE Analyzed Date 11/19/2020 110220-6B REST ROOM 1/2 X 4 PINHOLE Analyzed Date 11/20/2020	Date Color 11/20/2020 Gray 110220-5A ROOM 3/YELLOW ADHESIVE FOR 12 X 12 G Date Color 11/19/2020 Brown/Tan 110220-5B ROOM 3/YELLOW ADHESIVE FOR 12 X 12 G Analyzed Date Color 11/20/2020 Brown 110220-6A ROOM 3/2 X 4 PINHOLE FISSURED SCT Analyzed Date Color 11/19/2020 Gray/White 110220-6B REST ROOM 1/2 X 4 PINHOLE FISSURED SC Analyzed Date Color 11/20/2020 Gray/White 110220-7A Color Colo	Date Color Fibrous 11/20/2020 Gray 0.0% 110220-5A ROOM 3/YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLE Analyzed Non-Date Color Fibrous 11/19/2020 Brown/Tan 0.0% 110220-5B ROOM 3/YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLE Analyzed Non-Date Color Fibrous 11/20/2020 Brown 0.0% 110220-6A ROOM 3/2 X 4 PINHOLE FISSURED SCT Non-Date Color Fibrous 11/19/2020 Gray/White 65.0% 110220-6B REST ROOM 1/2 X 4 PINHOLE FISSURED SCT Non-Date Non-Date	Date Color Fibrous Mon-Fibrous	Date Color Fibrous Non-Fibrous Asbestos 11/20/2020 Gray 0.0% 100.0% None Detected 110220-5A ROOM 3/YELLOW ADHESIVE FOR 12 X 12 GRAY MOTTLED FLOOR TILE Analyzed Date Color Fibrous Date Color Pibrous Date Color Fibrous Non-Fibrous Date Color Fibrous Non-Fibrous Date Color Fibrous Non-Fibrous Date Color Pibrous Non-Fibrous Date Date Date Color Pibrous Non-Fibrous Date Date Date Date Date Color Pibrous Non-Fibrous Date Date Date Date Date Date Date Date	Date Color Fibrous Non-Fibrous Asbestos Comment



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Project ID:

PLM	11/20/2020	Black	5.0%	95.0%	<1% Chrysotile		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed			-Asbestos			
Client Sample ID: Sample Description:	110220-12B REST ROOM 1/BLACK MA	STIC FOR 12 X 12 F	PINK FLOOR	TILE		Lau Salliple ID:	03202 1000 - 0024
TEM Grav. Reduction	12/10/2020	Black	0.0%	97.4%	2.6% Chrysotile	Lab Sample ID:	032021066-0024
PLM	11/20/2020	Black	7.0%		<1% Chrysotile		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	REST ROOM 1/BLACK MA	STIC FOR 12 X 12 F	PINK FLOOR	TILE			
Client Sample ID:	110220-12A					Lab Sample ID:	032021066-0023
PLM	11/20/2020	Pink	0.0%	100.0%	None Detected		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	REST ROOM 1/12 X 12 PIN	NK FLOOR TILE					
Client Sample ID:	110220-11B					Lab Sample ID:	032021066-0022
PLM	11/19/2020	Red	0.0%	100.0%	None Detected		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	REST ROOM 1/12 X 12 PIN	NK FLOOR TILE					
Client Sample ID:	110220-11A					Lab Sample ID:	032021066-0021
PLM	11/20/2020	Brown/White	30.0%	70.0%	None Detected		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	ROOOM 2/TAN TAPE FOR	JOINT COMPOUNI	D				
Client Sample ID:	110220-10B					Lab Sample ID:	032021066-0020
PLM	11/19/2020	White	30.0%	70.0%	None Detected		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	HVAC ROOM 1/TAN TAPE	FOR JOINT COMP	OUND				
Client Sample ID:	110220-10A					Lab Sample ID:	032021066-0019
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	STAIRWELL/YELLOW ADF	HESIVE ON SHELF					
Client Sample ID:	110220-9B					Lab Sample ID:	032021066-0018
PLM	11/19/2020	Brown/Yellow	0.0%	100.0%	None Detected		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	Analyzed		Non	-Asbestos			
Sample Description:	STAIRWELL/YELLOW ADF	HESIVE ON SHELF					
Client Sample ID:	110220-9A					Lab Sample ID:	032021066-0017



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Project ID:

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

Client Sample ID:	110220-13A					Lab Sample ID:	032021066-0025
Sample Description:	REST ROOM 1/12 X 12 TAN	N SELF STICK FLO	OOR TILE				
	A a b a d		No.	Ashantas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Tan/White	0.0%		None Detected	Comment	
Client Sample ID:	110220-13B					Lab Sample ID:	032021066-0026
Sample Description:	REST ROOM 1/12 X 12 TAN	II SEI E STICK EI (OD TILE			Lub Gampie ib.	002021000-0020
sample Description.	REST ROOM 1/12 X 12 TAI	N SELF STICK FLC	OOK TILE				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 COV	/EBASE					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Tan	0.0%		None Detected		
Client Sample ID:	110220-14B					Lab Sample ID:	032021066-0028
Sample Description:	REST ROOM 1/4" TAN CO\	/ERASE				campic ib.	332321000 0020
sample 2000 ipaon.	NEST NOOM 1/4 TAN COV	/LDAGL					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 COVI	EBASE				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Yellow	0.0%		None Detected		
Client Sample ID:	110220-15B					Lab Sample ID:	032021066-0030
Sample Description:	REST ROOM 1/ADHESIVE	EOD 4" TAN COV	EBAGE			zab campic iz.	002021000 0000
	REOT ROOM I/ADITEONE	TOR4 TANGOVI	LDAOL				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 AI	DHESIVE FOR FG	PANEL				
	Analyzed		Non	-Asbestos			
TEAT	Date	Color		Non-Fibrous	Asbestos	Comment	
TEST		Yellow	0.0%	100.0%	None Detected		
	11/19/2020						
PLM						Lab Sample ID:	032021066-0032
PLM Client Sample ID:	110220-16B		PANEI			Lab Sample ID:	032021066-0032
PLM Client Sample ID:			PANEL			Lab Sample ID:	032021066-0032
PLM Client Sample ID: Sample Description:	110220-16B REST ROOM 1/YELLOW AI	DHESIVE FOR FG	Non	-Asbestos		·	032021066-0032
PLM Client Sample ID: Sample Description: TEST	110220-16B REST ROOM 1/YELLOW AI Analyzed Date	DHESIVE FOR FG Color	Non Fibrous	Non-Fibrous	Asbestos	Lab Sample ID:	032021066-0032
PLM Client Sample ID: Sample Description:	110220-16B REST ROOM 1/YELLOW AI	DHESIVE FOR FG	Non	Non-Fibrous	Asbestos None Detected	·	032021066-0032
Client Sample ID: Sample Description: TEST	110220-16B REST ROOM 1/YELLOW AI Analyzed Date	DHESIVE FOR FG Color	Non Fibrous	Non-Fibrous		·	032021066-0032
Client Sample ID: Sample Description: TEST	110220-16B REST ROOM 1/YELLOW AI Analyzed Date 11/20/2020	DHESIVE FOR FG Color Yellow	Non Fibrous 0.0%	Non-Fibrous		Comment	

Fibrous Non-Fibrous

96.0%

0.0%

Date

11/19/2020

Color

Gray

TEST

PLM

Comment

Asbestos

4% Chrysotile



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Project ID:

	. ,						
Client Sample ID:	110220-17B					Lab Sample ID:	032021066-0034
Sample Description:	1ST FLOOR STAIRWELL/W	HITE WINDOW GLA	ZING				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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					
			N	A-b4			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	Brown/Gray	5.0%		<1% Anthophyllite	Comment	
		Blown/Glay			170 Anthophymic		000004000 0007
Client Sample ID:	110220-19A					Lab Sample ID:	032021066-0037
Sample Description:	ROOM 17/YELLOW CARPE	T ADHESIVE					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 CARPE	T ADHESIVE					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 0	CALILK				, , , , ,	
, , ,	TOOM I/WIIIE WIIDOW	7, (OL) (
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 O	CAULK					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	White	0.0%		None Detected		
	110220-21A		,,			Lab Sample ID:	032021066-0041
Client Sample ID:		OLAZINO DATOU				Las Sample ID:	03202 1000-004 I
Sample Description:	ROOM 1/BLACK WINDOW (JLAZING PATCH					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Black	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:	110220-21B					Lab Sample ID:	032021066-0042
Sample Description:	ROOM 8/BLACK WINDOW GLA	ZING PATC	Н			,	
	Analyzed			-Asbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 GLAZ	ING PATCH	l				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 GLAZ	ING PATCH	ı			,	
	NOON HONAT WINDOW GLAZ	INO I ATON					
	Analyzed		Non	-Asbestos			
TEST	Date	Color			Asbestos	Comment	
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 BARRI	ER BEHIND	WOOD				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Black	70.0%		None Detected		
Client Sample ID:	110220-23B					Lab Sample ID:	032021066-0046
Sample Description:		CD DELIME	WOOD			Lub Gampie ib.	002021000 0040
bumpie Description.	ROOM 6/BLACK VAPOR BARRI	EK DENINL	O WOOD				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 WALI	_					
	Analyzad		Non	-Asbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Gray	55.0%		18% Chrysotile		
		- -			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Lab Sample ID:	032021066-0048
Client Sample ID: Sample Description:	110220-24B					Lub Guilipie ID.	33202 1000-0040
campic Description.	ROOM 7/GRAY PAPER IN WALI	-					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 DAUB	3					
	Amalumad		M	Ashasta-			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Yellow	0.0%		None Detected	- Commont	
			0.070			Lah Cample ID:	032024066 0050
Client Sample ID:	110220-25B	2				Lab Sample ID:	032021066-0050
Sample Description:	ROOM 8/YELLOW GLUE DAUB	S .					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
DLM	44/00/0000	V-II	0.00/	400.00/			

11/20/2020

Yellow

0.0%

100.0%

None Detected



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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:	110220-26A					Lab Sample ID:	032021066-0051
Sample Description:	ROOM 4/BLACK PAPER	FOR PINK FG				-	
	Austral		N	A = b = = 4 = =			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Brown/Black/Pink	56.0%		None Detected	Comment	
		Biowii/Black/i liik		44.070	None Detected		
Client Sample ID:	110220-26B					Lab Sample ID:	032021066-0052
Sample Description:	2ND FLOOR STAIR/BLAC	K PAPER FOR PINK	FG				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Gray	0.0%		None Detected		
Client Sample ID:	110220-27B	······				Lab Sample ID:	032021066-0054
Sample Description:	ROOM 9/12" X 12" GRAY	FLOOR TILE					
	MOON OF IZ A IZ ONAT	. LOOK HEE					
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 ADHE	SIVE FOR 12"X12" GF	RAY FLOOR	TILE			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 ADHE	SIVE FOR 12"X12" GF	RAY FLOOR	TILE			
TEOT	Analyzed	0.1.		-Asbestos	A . I	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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	Calar		-Asbestos	Ashast	Commant	
TEST PLM	11/20/2020	Color	Fibrous 0.0%	Non-Fibrous	Asbestos None Detected	Comment	
	11/20/2020	Gray	0.0%	100.0%	Notice Defected		
Client Sample ID:	110220-30A					Lab Sample ID:	032021066-0059
Sample Description:	ROOM 9/YELLOW ADHE	SIVE FOR 4" GRAY C	OVE BASE				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	44/40/0000			100.00/			

11/19/2020

Yellow

0.0%

100.0%

None Detected



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

Client Sample ID:	110220-30B					Lab Sample ID:	032021066-0060
Sample Description:	REST ROOM 2/YELLOW A	DHESIVE FOR 4" G	RAY COVE I	BASE		•	
TEOT	Analyzed	0-1		-Asbestos	A-b4	Commont	
TEST PLM	11/20/2020	Color Yellow	0.0%	Non-Fibrous	Asbestos None Detected	Comment	
		I GIIOW	0.070	100.070	None Detected		
Client Sample ID:	110220-31A					Lab Sample ID:	032021066-0061
Sample Description:	REST ROOM 2/2 X 4 PINH	OLE FISSURED SC	Т				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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					
	Analyzed			-Asbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 DA	UBS FOR FG PANE	L				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 DA	UBS FOR FG PANE	1			•	
			. <u>-</u>				
	Analyzed			-Asbestos			
PLM	11/20/2020	Color Brown	Fibrous 0.0%	Non-Fibrous 85.0%	Asbestos	Comment	
FLIVI		BIOWII	0.070	65.0%	15% Chrysotile		
Client Sample ID:	110220-33A					Lab Sample ID:	032021066-0065
Sample Description:	ROOM 10/YELLOW CARP	ET ADHESIVE					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 CARP	ET ADHESIVE					
TEOT	Analyzed	•		-Asbestos	A . I.	0	
TEST PLM	Date	Color		Non-Fibrous	Asbestos	Comment	
	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 BLAC	K ADHESIVE					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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				•	
,		22, CONTROLLEGIVE					
	Analyzed	_		-Asbestos		_	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	

11/20/2020

Black

0.0%

100.0%

None Detected



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Project ID:

	ımmary Test Report					Lab Sample ID:	032021066-0069
Client Sample ID: Sample Description:	110220-35A ROOM 11/WHITE GYPSUM	∕I BOARD				Lau Затріе ID:	U32U2 IU00-UU09
sample Becompacin	NOOM 11/WITH GTF 30h	II BOAND					
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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	/I BOARD					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 C	OMPOUND					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 C	OMPOUND					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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		1			,	
	NOOM 10/1AN 1AI E1 OK	JOHN COMI CONE	,				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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)				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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/YE	FILOW WALL PANE	I ADHESIVE	=		•	
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 P	ANEL ADHESIVE					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 STYLI	E 3/GRAY WINDOW	GLAZING				
	Analyzed		Non	-Asbestos			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	



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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:	110220-39B					Lab Sample ID:	032021066-0078
Sample Description:	GARAGE/GRAY WINDOW G	GLAZING					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	Gray	0.0%		None Detected		
Client Sample ID:	110220-40A					Lab Sample ID:	032021066-0079
Sample Description:	2ND FLOOR- SOUTH SHOP FLOOR	AREA/BLACK F	PAPER VAPOR	BARRIER UNDER	R WOOD		
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 FLOOR	AREA/BLACK P	APER VAPOR	BARRIER UNDER	WOOD		
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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/GRA	Y WINDOW GLAZ	ING		
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Gray	0.0%	98.0%	2% Chrysotile		
Client Sample ID: Sample Description:	1ST FLOOR SHOP AREA/GI	RAY WINDOW G		-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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	I" BLUE COVE E	BASE				
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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	I" BLUE COVE E					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 ADHESI	VE FOR COVE					
TEST	Analyzed	0.41		-Asbestos	Aak4	Comt	
TEST	11/10/2020	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Yellow	0.0%	100.0%	None Detected		
Client Sample ID: Sample Description:	110220-43B ROOM 17/YELLOW ADHESI	VE FOR COVE	BASE			Lab Sample ID:	032021066-0086
	Analyzed		Non	-Asbestos			
	Allalyzeu		NOIL				

Fibrous Non-Fibrous

90.0%

10.0%

Asbestos

None Detected

Comment

Date

11/20/2020

Color

Yellow

TEST



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Client Sample ID:	110220-44A					Lab Sample ID:	032021066-0087
Sample Description:	ROOM 14/BLACK PAPER F	OR YELLOW FG				,	
		0.1.122011.0					
	Analyzed			Asbestos			
TEST	Date 11/19/2020	Color		Non-Fibrous	Asbestos	Comment	
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 F	OR YELLOW FG					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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	GI AZING			•	
. , ,	TOOM TO WINDOW OF TEE	2/0/0// /////2011	OL LING				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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					
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 A	ADUESIVE				zas campic iz:	002021000 0001
campic 2 cooripacin	ROOM 14/BLUE CARPET A	ADRESIVE					
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 A	ADHESIVE					
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	Blue	0.0%	100.0%	None Detected		
Client Sample ID:	110220-47A					Lab Sample ID:	032021066-0093
Sample Description:		TICCUIDED COT				Lab Sample ID.	032021000-0033
Sample Description.	ROOM 14/2 X 2 PINHOLE F	-1880KED 8C1					
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 F	FISSURED SCT					
TEST	Analyzed	Color		Asbestos	Asbestos	Comment	
PLM	Date 11/20/2020	Color Gray	70.0%	Non-Fibrous 30.0%	None Detected	Comment	
		Jiay	70.070	00.070	None Detected	1-1-0	000004000 0007
Client Sample ID:	110220-48A					Lab Sample ID:	032021066-0095
	ROOM 14/BROWN COMPO	SITE WOOD FLOO	R .				
Sample Description:							
Sample Description:	Analyzed			Asbestos			
TEST		Color	Non	Asbestos Non-Fibrous	Asbestos	Comment	



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Project ID:

	. ,		- · ·				
Client Sample ID:	110220-48B					Lab Sample ID:	032021066-0096
Sample Description:	ROOM 16/BROWN COMPO	SITE WOOD FLOO	OR				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 SHE	ET FLOOR				
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020	Tan	0.0%	100.0%	None Detected	Comment	
		1 411		100.070	None Detected	Lab Sampla ID:	022024066 0400
Client Sample ID:	110220-50B					Lab Sample ID:	032021066-0100
Sample Description:	NORTH SHOP-2ND FLOOR	/12 X 12 TAN SHE	ET FLOOR				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 ADHES	IVE FOR FLO	OR			
	Amalumad		Ma	-Asbestos			
TEST	Analyzed Date	Color		-Aspestos Non-Fibrous	Asbestos	Comment	
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	VELLOW ADDES	IVE EOD ELO	ıOP		zaz campic ib.	-32021003-0102
campic Description.	NORTH SHOP-ZND FLOOR	TELLOW ADRES	IVE FUR FLU	OR			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	Yellow	0.0%	100.0%	None Detected		
Client Sample ID:	110220-52A					Lab Sample ID:	032021066-0103
	LIVANO O ADEA MAULITE DIDE	INSULATION					
Sample Description:	HVAC 2 AREA/WHITE PIPE	IIIOOL IIIOII					
Sample Description:		IIIOOL/TIOIT	Ma	Ashastas			
	Analyzed			-Asbestos	∆ shastos	Comment	
TEST PLM		Color Gray/White		Non-Fibrous	Asbestos 20% Amosite	Comment	



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Client Sample ID:	110220-52B					Lab Sample ID:	032021066-0104
Sample Description:	HVAC 2 AREA/WHITE PIPI	E INSULATION					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/19/2020 11/19/2020	Gray/White	<1%	70.0%	25% Amosite 5% Chrysotile		
Client Sample ID:	110220-52C					Lab Sample ID:	032021066-0105
Sample Description:	HVAC 2 AREA/WHITE PIPI	E INSULATION					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020 11/20/2020	White	0.0%	74.0%	18% Amosite 8% Chrysotile		
Client Sample ID:	110220-53A					Lab Sample ID:	032021066-0106
Sample Description:	GARAGE/TAN FIBERGLAS	SS WRAP				•	
	Analyzed			-Asbestos		•	
PLM	11/19/2020	Color Tan	0.0%	Non-Fibrous 100.0%	Asbestos None Detected	Comment	
PLIVI		1 an	0.0%	100.0%	None Detected		
Client Sample ID:	110220-53B					Lab Sample ID:	032021066-0107
Sample Description:	GARAGE/TAN FIBERGLAS	SS WRAP					
TEOT	Analyzed	0.1		-Asbestos	A-b4	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 FIBERGLAS	SS WRAP					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
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 CORREG	UTED PIPE INSULA	ATION				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 CORREG	UTED PIPE INSULA	ATION				
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
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 CORREG	UTED PIPE INSULA	ATION				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/20/2020	Brown/Gray	30.0%	30.0%	40% Chrysotile		



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Project ID:

Attn: Alisa Werst

> HRP Associates, Inc. 197 Scott Swamp Road

Farmington, CT 06032-3149

Collected: Received: (860) 674-9624 11/11/2020 11/12/2020

(860) 674-9570

Analyzed:

Phone:

Fax:

12/10/2020

CTB4001, PZ TSK 6 Proj:

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

Maye Yassin PLM (55)

Steven Li TEM Grav. Reduction (1)

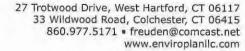
Reviewed and approved by:

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: alias.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.

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/cm²)
Results corrected for substrate bias on metal	Brick	1.0
substrate only.	Concrete	1.0
	Concrete Drywall Metal	1.0
	Metal	0.9
	Plaster	1.0
	Wood	1.0

Quick Mode Reading Description	Substrate	Threshold (mg/cm²)
-----------------------------------	-----------	--------------------

Readings not corrected for substrate	Brick	1.0
bias on any substrate.	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/cm²)
Results not corrected for substrate bias on any	Brick	1.0
substrate.	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

Floor: Number of Dog		Room:	Herrysten e	Project N	umber 2020 - d
Diagram of	Floor 1		No. of Windows	700	
			- D MARINET GAS	Sie	
			C .		
				PBR	
h23	EN 13			-1-2-1	
				1	STE F
					F
812					
	甘丹田	E &			3 m 4 1
					() ()
				13-	
	James	148	200		
1	Unitin	Type			
HH D		7 100			+
1					
KI KI		T PH			
世世十					
Room Number	Door	<u>A</u>			
	,	THE W	ndow	Yb.	
				Lan	of
	-				

Floor: Number o Diagram		RP East	om:			100-	t Number:	2020 =
	E Flee	2		No.	of Windo	ms:	of_	
				C	4.0			
				+++-		-1-1-1-		KKR
				T-1-1-		111		KS
90								152/
			7/2	R	18			
7 R	28 7	29	Med 3				- 39	1111
			+				69	
B					1		W.	
			3	111	70			
	*	<u> </u>	4	K			12	
	- P				00			
			- 20					
			18 1		6			
	<u> </u>			1	8	7		
	- K		2	30				
	- 32		20	2	3			+-+-
) Room No. 1				P			1-1-1-	+
Room Number	z / 1)oor _F		Window				

ATTACHMENT C X-RAY FLUORESCENT TESTING SHEETS

LEAD INSPECTION COVER SHEET

Inspector's Information

Inspector's Name:/	7. Freyden		License Nu		2
XRF Model:	SWD		Serial Num		
Date of Inspection:	11/2/20		Project Nur	mber: 2020 =	147
		Property In	nformation		
Building Address: _	1 100	traces s	st.		
Enst	Harston	07	(Street) Age of Prope	erty: Circu	1927
(City)	10	(State)		1 1 - 1 - 11	1
Describe Structure:	AN IS TO	Walter Chair	The state of the s	Reld of the	ON
Corre		1-5		116- 701	The second second
		actives (1957)	and and	10	-
1. 6	() market	and the file of	A Company St. C. W. St.	THE STATE STATE	tand mants
-	V				-
		XRF Calibr	ation Check		
Calibration Paint Fil	m Used:	□ NIST 1.02 mg/c	cm ²	☑ Manufacturer's Sta	andard 1.0 mg/cm ²
Calibration Check L			mg/cm² inclusive)		O'
		and the second s	(0.6 to 1.2 mg/cm ²	inclusive)	
ſ	Hour	First Reading	Second Reading	Third Reading	Average

0.8

		8		
First Check	1:30 00	n n. 8	0.8	01
Second Check	3:35-pn	0,8	08	0.
Third Check	1			
Fourth Check				

Side				(If P	ositive - C	heck All 7	Project	t Number	Apt. #:
3106	Surface Floor	Readings	POS	Substrate	Defective	Chewable	Priction	7	
	Baseboards	NL		1		-	THERON	Impact	Comments
A	Wall								
3	Wall	NE		D					
-	Wall	NG		B					
-	Wall	NC		B					The state of the s
No.	Chair rail	NC		17					
-		No. of Contract of		-4-					
_	Ceiling	NG							
	Crown Molding	No. of Lot, House, St. Lot, House, St. Lot, House, St. Lot, House, St. Lot, House, Lot, Ho	1	-					
4	Door	NL	-	-					
1	Casing	NC	-	-					
_	Jamb	NO	-					_	
	Door	1	\dashv	-					
,	Casing	/	+				_	-	
	Jamb	/	-						
	Window Trim	/	-						
	Sill	/	-				-		
	Sash	/	-						
\perp	Well	1	-				\rightarrow		
	Cabinet Base		-					_	
	Door Exterior						_	-	
1	Door Interior	-/-	-				-		
L	Walls	-/-	-						
L	Shelves	1	+	-			-		
1	Shelf Supports	1	-						
1	Closet Shelf		-					-	
	Shelf Supports	/	-						
1	Radiator		-			1 1 1	_		
1	Wall Molding		_				\rightarrow	-	
T	•	-			25,1		-	-	
T			-				-	-	
T			1				-	_	
4	te Type: Metal = M t Accessible; N/C: 1					oncrete = Colacement			

				OC D		15/10	Project	Number:	Pageof
Side	Surface	ERF Readings	POS	Substrate		1	The Case of the Ca		Apt. #: of
	Floor Baseboards	No			Defective	Chewable	Priction	Impact	Comments
A	Wall								
B	Wall	MC		B					
C	Wall	+							
D	Wall	-							
	Chair rail	W		4					
-	Ceiling	· ·							
	Crown Molding	NE			-				
	Door Molding								
Th	Casing	NO	-	V	nul				
11-	Jamb				7	-			over dead DR
-	Door					-			
-					-	-		(4)	
-	Casing				-				
-	Jamb			-	-				
-	Window Trim	1				-			
-	Sill				-				
-	Sash								
-	Well	1 1			-				
-	Cabinet Base				-				
-	Door Exterior				-				
-	Door Interior							4	
-	Walls Shelves				-				
	Shelf Supports	1							
C	loset Shelf						\rightarrow		
-	Shelf Supports						-		
	adiator						-		
-	all Molding								
+	arr rayording						-		
+						-	-		
+									
					-	Concrete =			

Side		T		(If P	ositive - Cl	heck All 7	Project That Amon	i Numbe	OM Apt. #: of er: / 47
D100		XRF Readings	POS	Substrate	Defective	Chewable			
-	Floor	NC				Chicwable	Priction	Impact	Comments
A	Baseboards								
3	Wall	10.5		13					
2	Wall	N6		-					
5	Wall								
-	Wall	-013							
	Chair rail	-			-				
-	Ceiling	NE							
-	Crown Molding		7		-				dhe dhe
1	Door	/	-					1000	
-	Casing		-						
-	Jamb	1	+					-	
-	Door		-	-				1.5	
	Casing	1	-						
	Jamb	/	-	-					
	Window Trim	M	\dashv	-				-	Co.
	Sill	7	\rightarrow					-	Ra III
	Sash		-					$\neg +$	Boarded UP
	Well		+						
(Cabinet Base							-	
	Door Exterior	-					-		
	Door Interior	-/-							
	Wells	/	-					-	
-	Shelves	1	-	-	-				
+	Shelf Supports	W.	+		-				
C	loset Shelf	No.	+						
	Shelf Supports	AND THE REAL PROPERTY.							
THE REAL PROPERTY.	adiator		+						
N	Vall Molding	/	+	-					
		_	+	-		5 3 4 1			
		-	-						
			-					_	
strat	e Type: Metal = M Accessible; N/C: 1	707-1-700							

Sid				(If P	ositive - C	heck All 7	Project	i Numbe	Apt. #:
210	Surface	Readings	POS	Substrate	Defective	Chewable	Priction	iy)	
	Floor Baseboards	NL					THEMOR	Impact	Comments
A	Wall								
B	Wall	-0.6							***
C	Wall	10.4				The second second			
D	Wall	-0.2							
-	Chair rail	-0.7							
	Ceiling								
		NA		W	1				
	Crown Molding					-			
	Door	10.2							
41	Casing	0.1		-					Overhead
_	Jamb	-0.3							THE B
april 1	Door	0.1	-						
B	Casing	0.1	-						
W	Jamb	-0.3	-						
	Window Trim	10.20	-	-				-	
Dr.	Sill	0.1	-						
10	Sash	0.2	-				-	-	
	Well	0.7	-		M				
	Cabinet Base	1	-				-	-	
	Door Exterior	1-/-	-				-		
	Door Interior		-						
	Wells		-				-	-	
	Shelves	17	+	-	27				
	Shelf Supports		-						
	Closet Shelf		-	-					
	Shelf Supports	/	-						
	Radiator	1	-						
	Wall Molding		-					-	
T			-						
1								-	
1							_		
her	ate Type: Metal = ot Accessible; N/C						_		

Side	0.0	XRF		(If P	ositive - C	heck All 7	Froject Chat Ann	r Numbe	Page of
	Surface	Readings	POS	Substrate	Defective	Chewable	Priction	Impact	
	Baseboards	NL						Ampace	Comments
A	Wall	NC							
B	Wall	10.1							Vingl
C	Wall	-0.1					_		l
D	Wall	-0.2						-	
	Chair rail	20.							
	Ceiling						-		
	Crown Molding	NA		W	V				
	Door	-							
31	Casing	N.C				-			
1	Jamb	0.1			-				Vingl
-	Door	-4.2				-			
32	THE RESERVE TO SERVE THE PARTY OF THE PARTY	NC							
7/	Casing	10.1							Vinyl
-	Jamb	-0-1		-					-
-	Window Trim								
121	Sill	-10.5		_	-				
-	Sash	10.2			-				
+	Well		1		-				
-	Cabinet Base			_					
-	Door Exterior								
-	Door Interior	1	_	-					-
-	Walls Shelves	/		-					
-	Shelf Supports /								
10	loset Shelf					-			
-	The Control of the Co	/				-			
T	Shelf Supports	/				-			
CONT.					-				
	Vall Molding				-				
- 54	port			M	-	-			
+	Column								
- 1		M, Wood = W : Not Coated;						1.5	

Sid	e Surface	ERF	_	(If P	ositive - Cl	neck All 7	Project That App	: Number	Apt. #:
	Floor	Readings	POS	Substrate	Defective	Chewable	Priction	Impact	
	Baseboards	NC	-						Comments
A	Wall	NC							416
В	Wall	10.							Vany 1
C	Wall	0.1							
0	Wall	n.3							
	Chair rail	4.4						-	
1	Ceiling	211							100
- AUTOM	Crown Molding	NC							
	Door	No. of Concession, Name of					-		71/5
7	Casing	NC					-		
A. C.	Jamb								Vingl
	Door	0.1							
43	Casing	NC				-			-
H		NC		m					
	Jamb	NC		V	-				
	Window Trim Sill	-0.1							
		NA							
	Sash	NA							
-	Well								Bors on the winder
	Cabinet Base			-					The Winder
	Door Exterior								
	Door Interior	1		-					1
-	Walls Shelves				-				
t	Shelf Supports	/			-	-			
+	Closet Shelf								40.
-						-			
-	Shelf Supports					-			
+	Radiator								
+	Wall Molding	/							
+					-	-			
4				-					
1			-	-					
osim	ate Type: Metal = : ot Accessible; N/C	M, Wood = W	Placta	- D CI					

Side	Project Name:		20	st Ha	ositive - C	Apt. #: of			
	Surface Floor	Readings	POS	Substrate	Defective		The same of the sa	ly)	
	Baseboards	NC				Chewable	Friction	Impact	Comments
A	Wall								Sommens
B	Wall	10.1							
C	Wall	NC							
D	Wall	-0.2			-				
	Chair rail	NC			-				
	Ceiling								4
		-0.1		W	7				
-	Crown Molding		-		/		-		
ANT	Door	NC	-				-		
411	Casing	4.2	V	11/			-		
-	Jamb	6.4		W	1		-		
191	Door	1.1	V	W	V		-		
121	Casing	-0.2	· -	W			-	-	TO .
1	Jamb	0.1					-		
1	Window Trim	1	-			-	-		
	Sill	-	-			-	-		
	Sash	/				-			
	Well	/							
(Sabinet Base	1			-				
	Door Exterior				-				
	Door Interior				-				
-	Walls								
	Shelves	/			1	-			
	Shelf Supports	1				-			
CI	oset Shelf					-			
A COUNTY AND DESCRIPTION OF THE PERSON OF TH	Shelf Supports	-				-			
Ra	diator								
-	all Molding				-				
	- raoventia				\dashv	-			
+				-	+				
-			1	-					
fond -	THE STATE OF THE S		1	+				1	
Nor A	Type: Metal = M Accessible; N/C:	Wood = W.	Plaster =	PCL	1				
	N/C:]	Not Coated; C	OV: Co	vered: VP	ck = S, Cor	crete = C,	Brick = B		140
				LE VIII	vinyl Repla	acement			

Side		TOTAL SE		(If P	ositive - Cl	neck All T	Froject Char Ann	i Number:	Apt. #: of
	Surface	Readings	POS	Substrate	Defective	Chewable	Priction		
	Baseboards	NE					TAMERON	Impact	Comments
A	Wall	-							41/-
B	Wall	-11.2							
С	Wall	-610							
D	Wall	-0-1							
	Chair rail	-01	5				-		
	Ceiling								
-	The state of the s	+000	40	W	~				
	Crown Molding Door								
	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	0.4							
2	Casing	11.7			-				grer head
-	Jamb								2 16 1 4 / COFF
1	Door	17.2				-			
10	Casing	5.4	VI	W	0				
-	Jamb	3.6	V	W	1				
-	Window Trim			-	-				
-	Sill	NC		-	-				
1	Sash		7	-					
-	Well	1000							-
-	Cabinet Base		-	-					
-	Door Exterior		-						
1	Door Interior		-	-					
-	Walls Shelves	/		-					
-		1			1	-			
+	Shelf Supports Closet Shelf					-			
-					_				
1	Shelf Supports								
-	Radiator								
+	Wall Molding					-			
+		/				-			
+									
	te Type: Metal = t Accessible; N/C			-					

Side	98000			(If P	ositive - C	heck All 7	Project	i Numb	Apt. #:
2106	Surface	XRF Readings	POS	Substrate	Defective	Chewable	IC E	-37	
	Baseboards	No					TARCHOM	Impact	Comments
A	Wall								
В	Wall	100							
C	Wall	-0.6							
O	Wall	02							
	Chair rail	10.1							
	Ceiling	111							
	Crown Molding	NE							
	Door							-	E1100
M	Casing	100							
1	Jamb	0.2					-	-	
7	Door	-0.0				-	-	-	
Ī	Casing	-				-		-	
1	Jamb	-				-			
	Window Trim						-		
	Sill	-0.2	-				-	-	
	Sash	0.1	-				-	-	
	Well	11.2							
	Cabinet Base	10/6	_				-	-	
	Door Exterior	NC	-				-		
	Door Interior								
	Walls		-				-		
-	Shelves		_	-					
-	Shelf Supports	0							
	loset Shelf		1		-				
-	Shelf Supports								
	Radiator								
1	Vall Molding			_					
			-						
-			-						
	e Type: Metal = 1 t Accessible; N/C		-	-					

Sid	66	WID TO	_	(If P	ositive - Cl	heck All 7	Project Chat Ann	Number:	Apt. #:
_	Floor	Readings	POS	Substrate	Defective	Chewable	Friction	Impact	
	Baseboards	NE						Pace	Comments
A	Wall	-							
B	Wall	11.2					-		
C	Wall	-0.0							
D	Wall	-0.							
	Chair rail	11.0							
The same of the sa	Ceiling					717			
	Crown Molding	0.0		W	V				
and the co	Door						-	-	*
h	Casing	all							
1)	Jamb								
100	Door	10.00		_		-			
	Casing	/				-			
	Jamb	/							318
	Window Trim	1			-		-		
1	Sill	0.1							
1	Sash	-012				-	-		
	Well	-0.1					-		
	Cabinet Base					-			
	Door Exterior					-			
	Door Interior					-			
1	Walls								
Ĺ	Shelves	/	_						
	Shelf Supports	1	-		11				
	Closet Shelf		-						
	Shelf Supports	/	-						
	Radiator	/	-						
	Wall Molding		_				\rightarrow		
1	9	*	-						
1									
			-					_	
bstr	ate Type: Metal = 1 of Accessible; N/C	AC TOTAL					-	-	

Side	Surface	ERF	_	(If P	ositive - C	beck All 7	Troject That Ann	: Number	Apt. #:
		Readings	POS	Substrate	Defective	Chewable	Friction		
	Floor	NE				- TOTAL DIC	Friction	Impact	Comments
A	Baseboards Wall								
B		-0. l							
C	Wall	-1002							
D		66							
_	Wall	-0.4							
	Chair rail								
	Cailing	NE			-				
	Crown Molding		-						
	Door	-0.6	-	-					
	Casing	NE	-						4.1. 1. 1
	Jamb		-					_	overbeal
	Door	1	-						
	Casing		-						
	Jamb		-	-					
	Window Trim		-	-				-	
[Sill		-						
	Sash		+	-				_	
	Well		-						
	Cabinet Base	1	-			= 111	_		
	Door Exterior	1							
	Door Interior								
	Walls	/	-				-		
	Shelves	1	-						
-	Shelf Supports	1		-					
-	- OGC DITCH	1	-						
	Shelf Supports		-						-
	Radiator	/	-						
	Wall Molding	1	-	-				-	
			-					-	
			-						
bstra	te Type: Metal = ot Accessible; N/C	36 707					-	_	

Side			-	(If P	ositive - C	heck All 7	Trojeci	Number	Apt. #: of
	The state of the s	XRF Readings	POS	Substrate	Defective	Chewable		-	
THE REAL PROPERTY.	Floor Baseboards	NE				Cilewable	Priction	Impact	Comments
	Wall								
-	Wall	0.1							
-	Wall	0.1							
	Wall	NE							C CHI COLOR
	Chair rail	9.1							
THE PERSON NAMED IN	Ceiling	Name of the last o							
	The state of the s	NA				-			
	rown Molding	and the same of th							
F				-					
-	Casing								
1	Jamb	/							
12	200	-/						-	
_	Casing	1	1	-					
-	Jamb	1	-		-				
	indow Trim		+						
	Sill		-						
	Sash	Market Comments	+						
-	Well		-	-					
-	binet Base	1	-						
	Door Exterior	1	-						
1	Door Interior	1	_						
	Walls		-	-				-	
-	helves		2 fil (-	-			
10	helf Supports	1							
The state of the s	set Shelf								
S	helf Supports			-	-				
-	iator	1	+	-	-				
Wal	Molding	1	_	_					
			+						
	-		_						
			1	1					

Side				(If P	ositive - Cl	heck All n	Project	Number	Apt. #: of
Side		Readings	POS	Substrate	Defective	Chewable			
-	Floor Baseboards	NE				WADIE	Priction	Impact	Comments
A	Wall			B					
3	Wall	NC							
;	Wall	-							
)	Wall	1					-		
	Chair rail	30							
	Ceiling	No							
	Crown Molding	10							
	Door	-					-		
	Casing	/							
- 1	Jamb	1				-	\rightarrow		
\neg	Door	1			-				
ľ	Casing	-/					-	- 1	
1	Jamb	-				-	-		
	Window Trim	1				-		-	
	Sill	-	_				-	_	
	Sash	/	-				-		
	Well		-				-	-	
	Cabinet Base	-1				-	\rightarrow		
T	Door Exterior	-/-				-	-		
	Door Interior	-							
E	Walls	-					-		
1	Shelves	1	+						
+	Shelf Supports	/	-						
1	Closet Shelf	/	-	-					
+	Shelf Supports	1							
THE REAL PROPERTY.	Radiator	10	+						
7	Wall Molding		_						
1			+						
1			+	_					
			+						
strat	te Type: Meral = M t Accessible; N/C: 1	Wood = W	701						

Side				(If P	ositive - C	heck All 1	Project	Number:	Apt. #:
3106		Readings	POS	Substrate	Defective	Chewable	- Constitution		
	Floor	NC				Cilewable	Friction	Impact	Comments
1	Baseboards Wall								
}	Wall	Chis							
	Wall	ch.4							
,	Wall	-m. 4							477-1-20
	Chair rail	-64							
NICE AND DESCRIPTION OF THE PERSON OF THE PE	Ceiling								
	Crown Molding	NB		W					
	Door	The second second				-			
-	Casing								
	Jamb	/				-			
	Door								
1	Casing	_/			-	-		4	
-	Jamb	/							
1	Window Trim				-		-		
-	Sill	/			-		-		
	Sash	1				-			
	Well					_	-		
10	abinet Base	-					-		
	Door Exterior								
	Door Interior	1					-		
	Walls						-		
-	Shelves	/	-						
+	Shelf Supports		-						
No. of Concession, Name of Street, or other Designation, or other	oset Shelf		-						
-	Shelf Supports	1	+						
	diator	1	+	-					
W	all Molding	1	+						
_	Shelvia.	- ON 4	+	-					
		914	+	-				_	
			+	-					
trate	Type: Metal = M. Accessible; N/C: N	Wood = W	Dlastan	-7.0				_	MA.

					(If Pos	itive - Ch	eck All 7	That Apply)	of Number: _2
Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	C
A	Wall	4.9	1	W	land of				Comments
3	Wall	0,5	-	D					
3	Wall	0.6		73					
)	Wall	018							
	Floor	- 10	-	73					-
	Tread	-012							
	Riser	-0.2							
	Stringer	NA	-						
	Baseboard	1011							
	Lower Railing	1							
	Baluster	+ /-							
	Railing Cap	+/-						1000	
	Newel Post	+/-							
	Hand Rail	1/							
	Door	1							
1	Casing	NE							
- 1	Jamb	NG	_						
-	Door	100							
-	Casing	-/-							
-	Jamb	/							
+	W. C. C. C. C.	/					$\overline{}$		
-	Window Tim	0.4						_	
-	Sill Sash	-010					-		
+	Well	-0.1							
1	Radiator	/							
+	reaction								
+		-							
+									
+									
-							-	_	
	Type: Metal = M, Woodcessible; N/C: Not C						-		

Address: Water HELD DATA SHEET - INTERIOR ROOM Address: Floor: Room: Hall Project Number: Page of Comments Room: Hall Project Number: Page of Comments Keep Project Number: Page of Check All That Apply) Keep Project Number: Page of Check All That Apply) Keep Project Number: Page of Check All That Apply) Keep Project Number: Page of Check All That Apply) Keep Project Number: Page of Check All That Apply) Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All That Apply Keep Project Number: Page of Check All	Pa	oject Name:	HRP	Za	Room:	Ha	111	Project	Numet .	Apt. #: Page of
Floor	Side	Surface	XRF	Trac	(If P	ositive - Cl	heck All 7	Chat App	ly)	deliberate 14 mg
Baseboards			readings	POS	Substrate	Defective				
A Wall		Baseboards	ME						ampace	Comments
Wall	A									
Wall Chair rail Ceiling Carown Molding Door Door Jamb Door Jamb Door Jamb Door Jamb Jamb Jamb Jamb Jamb Jamb Jamb Jamb	В	Wall			5	1				
Wall Chair rail Celling Cown Molding Door Jamb Door Jamb Window Trim Sill Sash Well Well Cabinet Base Door Exterior Door Exterior Door Exterior Shelf Supports Shelf Supports Clair Supports Clair Supports Shelf Supports Chair rail Supports Shelf Supports Chair rail Supports Shelf Supports Shelf Supports Shelf Supports Shelf Supports	C	Wall			B					
Ceiling Casing Door Door Jamb Door Jamb Jamb Jamb Window Trim Sill Sash Well Cabiner Base Door Exterior Door Exterior Shelf Supports Closer Shelf Shelf Supports Caling Caling Caling Cabiner Base Closer Shelf Shelf Supports Cadinary Caling Cabiner Base Closer Shelf Shelf Supports Cadinary Caling Cabiner Base Closer Shelf Shelf Supports Closer Shelf Shelf Supports Cadinary Cadinary Cabiner Base Closer Shelf Shelf Supports Closer Shelf Shelf Supports Closer Shelf Shelf Supports Closer Shelf Shelf Supports)	Wall			15					
Ceiling Crown Molding Door Casing Jamb Casing Jamb Window Trim Sash Well Cabinet Base Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Carown Molding Cond Cond Cond Cond Cond Cond Cond Cond		Chair rail	415	V	W	1/				
Crown Molding Door Door Jamb Door Jamb Door Casing Jamb Window Trim Sash Well Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Radiator										
Door Casing Jamb Door Casing Jamb Casing Jamb Window Trim Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Radiator			-6,2			-				
Casing Jamb Door Casing Jamb Window Trim Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Radiator	1	Door	None and the second			-	-			
Jamb Door Casing Jamb Window Trim Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closer Shelf Shelf Supports Radiator						-				
Door Casing Jamb Window Trim Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelyes Shelf Supports Closer Shelf Shelf Supports Radiator	-	THE RESIDENCE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN C	Ne		-	-				
Casing Jamb Window Trim CO Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator	7		0.9		-					
Jamb Window Trim G.C Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Supports Radiator	11 -		N		-	-		-191		
Window Trim Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator	" -	The second live in the second li	ne	_	-					
Sill Sash Well Cabinet Base Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator	-		NE	-	-				_	
Sall Sash Well Cabinet Base Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator	-			-	-				-	
Well Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Radiator	-	-		+					_	
Cabinet Base Door Exterior Door Interior Walls Shelf Supports Closet Shelf Shelf Supports Radiator	-		The second secon	-						
Door Exterior Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator	+		N. State of the later of the la	-					-	
Door Interior Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator			1	-				_	_	
Walls Shelves Shelf Supports Closet Shelf Shelf Supports Radiator		Door Exterior		-				-		
Shelf Supports Closet Shelf Shelf Supports Radiator		Door Interior	1	-					-	
Shelf Supports Closet Shelf Shelf Supports Radiator			1	-				-	-	
Closet Shelf Shelf Supports Radiator			7	+	-				-	
Shelf Supports Radiator	+-	Shelf Supports	1	-	-				-	
Radiator			and the same of th	+	-				-	
Radiator	1 5	Shelf Supports	- Contraction of the Contraction	+					-	-19
Wall Molding	Rad	diator	ALL DON'T DE LA CONTRACTION DE	-				-	-	
	Wa	ll Molding	White State of the	-				_	-	
				+				+	-	
								-		

* 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

					(If Pos	itive - Che	eck All	Chat Apr	t. #: ge of oject Number: 2020 =
de	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
	Wall	+011							
	Wall	-0,0							
	Wall	-0.6							
	Wall	10.2							
	Floor	NC							
	Tread	1							+112
	Riser	1	-						
	Stringer								
1	Baseboard	+++	-						
	Lower Railing	1	-						
-	Baluster	+	-						
-	Railing Cap	+/-	-						
-	Newel Post	+/	-						
-	Hand Rail	+/							
+	Door	100							
^	Casing	Ne							
-	Jamb		-						
+	Door	Ne							
F		De							
1	Casing	NG		217					
+	Jamb	pu .						-	
+	Window Tim	NE			A		10		
+	Sill	Ne						-	
+	Sash	-012							
+									
+	Radiator						-	-	
+								-	
+									
-							-	-	
1					-			-	
1	ype: Metal = M, Woo ccessible; N/C: Not O								

Pi	ddress:i loor: roject Name: _	HRR		Room:	BAT	K	0	Page	of
				1 111	(If Pos	itive - Ch	eck All "	Proje	ect Number: 2020 - 14
Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
A	Wall	10.6							Comments
3	Wall	- a. U							
3	Wall	10 1			-			1	
)	Wall	10.5	-						
	Floor	NC							
	Tread	1							tile
	Riser	1-							
	Stringer	++							
	Baseboard	+ +		-					
	Lower Railing	1							
	Baluster	+-/-							The second second
	Railing Cap	1							*
	Newel Post	+/-							
	Hand Rail	1/							
	Door	- 4.							
A	Casing	101							
H	Jamb	0.0		-					
	Door	-	-						
1	Casing	14.7	-	-,/	-				
-	Jamb	1 0	V	/	V				
	Window Tim	1000	V	W.	V		= 1		
	Sill	-	-						
	Sash	1/	-						
	Well	1	-	-					
	Radiator	1	-+				P		
. 1			-						
			-	-					
			-						
. 1			-						
		+	-						
bstrate	Type: Metal = M, Wo Accessible; N/C: Not	nod = W/ Di/	- D 0						

				·	(If Pos	itive - Cho	eck All	Chat App	. #: of ject Number: oly)
Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
A.	Wall	10.0					, F. 1111]		Commission
3	Wall	-01							
3	Wall	-0.1			-				
)	Wall	-11.2							
	Floor	NC							
	Tread	1				1			
,	Riser	1							
	Stringer								
	Baseboard				-	- 5 - 1			
	Lower Railing								
	Baluster								
	Railing Cap								
	Newel Post	1/	-				1		
	Hand Rail	1/							
	Door	-00	-						
11	Casing	103	-						
7/	Jamb	1/6	-						
	Door	NE	-						
11	Casing	WE							Vinle
Hol	Jamb	NE	-						9
	Window Tim	149	-						
	Sill	/	-		-				
	Sash	1 /							
	Well	1						1	
	Radiator	1	-						
			+				-		
					-		-		
			-			-			
		1	+						
		1	-						

Pi	roject Name: _	HRP :	E as	t purpos	ma es whom	3 46	0	Page	of
					(If Pos	itive - Ch	eck All 7	Project I Chat Apply)	of Number: 2020 - /
Side	Surface	XRF Readings	POS	Substrate	Defective	Chewable	Friction	Impact	Comments
A	Wall	10.0				777		Carter I,	Comments
3	Wall	-0.1							
2	Wall	-0.0							
)	Wall	-0.1							
	Floor	116							
	Tread	1							
	Riser								
	Stringer								
	Baseboard	1							
	Lower Railing	1							
	Baluster	1							
	Railing Cap	++							
	Newel Post	+/-	- 10						
	Hand Rail	/							
	Door	-0.0							
R	Casing	11/4	-				1		
	Jamb	NIC							
1	Door	100	_						
İ	Casing	-		-					
Ì	Jamb	1/	-						
	Window Tim	-	-						
	Sill	/	-						
	Sash	1	-					1	
	Well	1/							
	Radiator	1	-	-					
			-						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
			\dashv						
			\rightarrow						
			-						

Side	Surface	EBB	No. of Lot, House, etc., in case of the lot, the	Table A				TA MIND IS SHO	Page of
_		Readings	POS	Substrate	OBEMAG - C	heck All	Chat App	ly)	Apt. #:
	THOOT	NC	-	Substrate	Defective	Chewable	Friction	Impact	
-	Baseboards	100	-				1	zinpact	Comments
A	Wall	-0.1							
B	Wall	-0.0							
-	Wall						-		
	Wall	-0.2							
	Chair rail	012	-						
	Celling	-0.7	-						
1	Crown Molding	-017	100	W	1	-			
I	Door				-				
	Casing	_/							
	Jamb	1							
I	Door				-				
	Casing			_	-				
	Jamb								
W	Indow Trim	/							
	Sill Irim		1	-					
	Sash		_	-					
	Well		1	-					
			-						
-	biner Base		-						
	Door Exterior		-				_		
	Door Interior		+						
	Walls helves		-				-		
				-	++-			-	
Clos	helf Supports set Shelf							+	
				-				_	
D-A	nelf Supports		-	-					
Radi	1 //		+				_		
	Molding		+-				-		
JAB	rear +		+-				-	-	
1	olumns -c	2.1	-				-	-	
-	1/257	The same of the sa				crete = C,]			

Side				(LF P	Ositiva _ C	L	" rollec	t Number:	Apt. #: of
-	Floor	Reading	POS	Substrate	Defective	heck All	Chat App	oly)	Apt. #: of
	Baseboards	NE	1		Delective	Chewable	Priction	Impact	
A	Wall								Comments
B	Wall	-0,1							
C	Wall	-62							
D	Wall	+0.0							
	Chair rail	mai 0 1			-				
	Ceiling			-					
	Crown Molding	m 012			-				
1	Door Door	NAME OF TAXABLE PARTY.					1		
F	Casing	011					7		
-	Jamb	0.0		-			-		
T)oot Jamp	0,0	+	-					
10000	Distance .		-						
-	Casing		-	-				-	
TW	Jamb	and the same of	-				-		
	Indow Trim	1	-	-			+		
-	Sill	/	-	-			-		
-	Sash	/	-				_		
	Well	/	-				-		
	binet Base		-				-		
	Door Exterior	7	-				-		
	Door Interior	1	-				-		
	Vells helves	7	-				-		
S	helf Supports				-				
Clos	et Shelf		-51						
	nelf Supports								
Radi	atos	/			-				
-	Molding	1		-	++-				
		A KAPPE							
Dr	100			-					
	threshold	NC	1	-				-	
-	ype: Meral = M, cessible; N/C: N	Wood = W, ot Coated; C	+					+	

		HER	20	st Ho	in the	e Lep	Proje	. 10.10	Apt. #:of
Side Surface Floor Baseboards A Wall		ARP Readings	POS	(If P	ositive - C	heck All 7	hat App	l Number:	2020-147
-	Floor	NE	1-00	Substrate	Defective	Chewable	Friction	Impact	
A			+					Topact	Comments
B		-0.1	-						
C	Wall	0.0							
D	Wall	0.2	-			ACCES 1919	-		
_	Wall	0.1	-				-		
	Chair rail	- Contraction of the Contraction	-						
	Ceiling	-0.2	-			-			
THE PARTY OF	Crown Molding		-			-			
7	Door	NE	-			-			
L	Casing	Ne	-						
	Jamb	Ne				-			
	Door	0.1							
7	Casing	1			-			9	***************************************
	Jamb	Ne							
	Window Trim	NE			-				
1	Sill	Ne							
1	Sash	170							
	Well	-0.0			-				
I	Cabinet Base				-				
1	Door Exterior								
	Door Interior				-				
1	Walls			_					
F	Shelves	1.	-			-	1		
+	Shelf Supports		-				-		
(Closet Shelf	1	-						
1	Shelf Supports		-			-			
E	Radiator	-	-			-			
D	Wall Molding					-			
						-			
Γ					+	-			
					+	-			
trat	e Type: Metal = M, : Accessible; N/C: N	Yez			++-				
Not	e Type: Metal = M, : Accessible; N/C: N	Wood = W, F	laster =	P, Sheetro	k=S C=				
0	,,,,,,,,,, -	or costed; CC	V: Cov	ered: VR	View Desi	crete = C , E	icick = B		

	Address: / Floor: / Project Name:	-41		20	st Ha	Argent 1994	n Les	7 500	1	OM Apt. #: Page of T:
Side	Surface		ERF	T	(TE E	ositive - C	heck All	Projec Chat Ann	t Numbe	1: 2020 - 147
	17005	Re	adings	POS	Substrate	Defective	Chewable	Friction	1	
	Baseboards	-		_			1 1 1 1 1 1	- ZZGLIDII	Impact	Comments
A B	Wali		1	-						Corpet
C	Wall		2.2							
D	Wall	1	0	-						
	Wall	-0				1				
	Chair rail			-						
	Ceiling	-0	2	-				-		
	Crown Molding	10	2	-			-			
1	Door	-	7	-		-	-			
DI	Casing	100	20							
	Jamb		12			-	-			
_	Door	1	26			-				
8	Casing		6			-				
	Jamb		6							
1	Window Trim	Contract of the Contract of th	14		-	-				
DI	Sall	-orl				-				
	Sash	-0.	1			-				
	Well	-0.6	2			-			-	
C	abinet Base				-	-				
	Door Exterior									
-	Door Interior			1					-	
	Walls Walls			-	-				-	
	Shelves	-/	1	1	-					
1 8	Shelf Supports	-	-			+				
Clo	set Shelf		4						7.1	
S	Shelf Supports	1	-			+				
Rac	liator	1				-				
The second name of the second	li Molding					++-				
T						-				
					-	-				
1					-				+	
trate 7	Types M.				-				-	
Not A	ccessible at the	Wood =	W, Pl	aster =	P. Short	1 -			+	
8	Type: Metal = M. ccessible; N/C: N	Not Coat	ed; CO	V: Cov	ered: VR	K = S, Con	crete = C, I	rick = R		
					17. Com	vinyi Kepla	cement			

	rolect Mame: _	HEE	20	+ 4	Ka	A	-	1	Apt. #:
Side	Surface	ERF		(If P	ositive - C	heck All 7	Projec	t Numb	OOM Apt. #: Page of per:
	rioor	Readings	POS	Substrate	Defective	Chewable	Friction	1	
A	Baseboards	COV					- TOOLUNE	Impact	Comments
A B	Wall	- 0 0							CArper
C	Wall	-0.0	-	M. The					
D	Wall	-011	-				-		
-	Wall	-0.1	-						
-	Chair rail	9.1	-			-			
	Celling	-02	-			-	-		
	Crown Molding	100 900	-						
	Door								
DL	Casing	-0.0			-				Contract of the Contract of th
	Jamb	-00			-				
]	Door	0.0							
BI	Casing								
	Jamb	0.2			-				
V	Vindow Trim	0.1			-				
DI	Sill	0.0							
-	Sash	0,0			-				
	Well	10.1			-			1	
C	binet Base								
	Door Exterior			-					
	Door Interior	1	1	-				-	
	Walis		1	-				_	
E	Shelves	/							
S	helf Supports		-		1	-			- to appear
Clo	set Shelf	7							
S	helf Supports	1				-			
Rad	iator	1			1	-			
Wall	Molding								
T	-					-			
1					+-				
				-					
trate T	mar M 9				++-				
Not A	ype: Metal = M, v ccessible; N/C: No	Wood = W, Pl	aster =	P. Sheeten	1-00				
		or Coated; CO	V: Cov	ered; VR_	Vinyl Dayl	crete = C, I	Brick = B		
				2 - 45	- This Kebia	cement			

	Address:/ Zloor: Project Name:	-AFF	24	s+ Ha	transit make	8			Por
Side	0.	1		(If P	ositive - C	heck All	Project	t Numb	Page of er:
	Surace	Readings	Pos	Substrate	700		Lhat App	ly)	The state of the s
	Floor	NE		3021000	Defective	Chewable	Friction	Impact	
A	Baseboards	0.1						-	Comments
B	Wall	-0.1							
C	Wall	200							
5	Wall	10.0							
-	Chair rail	-0.0		-					
- Contract	Ceiling	-						-	
	Crown Molding	NC							
	Door Molding								
2	Casing	-0.0			-				
-	Jamb	0.0			-				
	Door	-0.1							
F	Casing	/			-				
-	Jamb	/							
	Window Trim	/			-				
1	Sill	-00			-				
	Sash	0.0			-	-			
	Well	-0.2				_			
1	Cabinet Base	-							
	Door Exterior	-/-				-			
	Door Interior	1	-				-		
	Walls		-				-		
-	Shelves Shelves	1		-				_	
C	Shelf Supports oset Shelf				+				
	Shelf Supports				++-				
Re	diator	/			+				
	all Molding				+				
1		/					M T		
1					+				
					+	-			
trate	Type: Metal = M Accessible; N/C:	T YVZ					_		
4-74	Accessible; N/C:	Wood = W	Plaster :	= P, Sheetro	ck = S. Co	ncrete - C	D:1		

	- Jest Mame:	HEE	200	+ H	land of	1 20	-	OR ROOM	Apt. #:
Si	de Surface	FIRE	_	(If P	ositive - C	heck All 7	Projec	t Number:	Apt. #:
	Floor		Pos	Substrate	Defective	Chewable			
_	Baseboards	NC	-				Friction	Impact	Comments
A	Wall	0.3							
B	Wall	-							
C	Wall	0.0							
D	Wall				-				
	Chair rail	07							
	Ceiling	(2) A			-				
	Crown Molding	0.0							
	Door								
B	Casing	0.0			-				
_	Jamb	-0.1							
	Door	-0.1		-					
	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	1	-				-	-	
	Casing		-	-	- Carton			-	
-	Jamb		-				_		
	Window Trim	NC	-						
1	Sill	NC	-				-		
1	Sash	0.1	-						
+	Well		+				-		The state of the s
-	Cabinet Base	1	-				-		THE STATE OF THE S
-	Door Exterior	-/-							
	Door Interior	-							
L	Walls	1				-			
1	Shelves	1	+-		1		-		
+	Shelf Supports		+				-	-	
-	loset Shelf	1	+				-		
+	Shelf Supports	7	-				-		
1	ladiator	1	-			-	-		
A	Vall Molding						-		
	0			-40		-			
					1	-	_		
					+-				
trate	Type: Matal - 1				+	-			
Not	Type: Metal = M, Accessible; N/C: N	Wood = W, p	laster =	P, Sheetron	k=0.0				
-	-3-47 C. IV	or Costed; CO	V: Cov	ered; VR	Vinvi Real	crete = C, B	rick = B		
		1			-)- repia	cement			

Side	Surface	ERF	T	(If P	ositive - C	heck All 7	Projec Chat Apr	t Number:	Apt. #:
	Floor	Readings	Pos	Substrate	Defective	Chewable	Friction	The state of the s	
A	Baseboards	300 2500.							Comments
B	Wall	- CA . 8							
C	Wall	-011							
0	Wall	20.2	-						
_	Wall	-0.0	-						
The Laboratory	Chair mil	- Carlotte	-						
-	Ceiling	011	-					-	
_	Crown Molding	- 100	\rightarrow				-		
	Door	124	-				-		
B	Casing		-			-			
-	Jamb	DE-	-			-	-		-
	Door	No. of Lot	-			-			
	Casing	/	-			-	-	-	
	Jamb	/					-		
1	Window Trim		-			-	-		
	Sill	-/-							
	Sash	/				-			
	Well	1	-				-		
C	abiner Base	-				-			The state of the s
	Door Exterior					-	-		
	Door Interior	-				-	-		
	Walls	1				-	-		
The second name of	Shelves	1	+				-		
10	Shelf Supports	1	+	-				-	
Cit	oset Shelf	/	+	-				-	
+	Shelf Supports	1	+-	-					
7	diator:	1	+					-	
Wa	ll Molding		+				_		
-			+-					-	
-			+				-		
			+-					7	
trate'	Type: Metal = M Accessible; N/C: P	Wood = W	Plant				_	+	
730M	Type: Metal = M Accessible; N/C: 1	Vot Coated: Co	TREET =	P, Sheetro	ck = S, Co	acrete = C	Beigh - T		

	Project Name:	HEE	20	Room:	R2	5	i Day	757	Apt. #:of
Sid	e 6 - 6	T		(If P	ositive - C	hools are	Projec	t Number:	Apt. #:
	Floor	Readings	POS	Substrate	Defective	Tares Mile			
	Baseboards	NC			- accuve	Chewable	Friction	Impact	Comments
A	Wall								Comments
В	Wall	0,1							
C	Wall	0.0							
D	Wall	a.1			-				
	Chair rail	01		-					The state of the s
	Ceiling	Section 1988					(4)		
	Crown Molding	-0.2							
	Door			-					
1		NE	7	-					
-	Casing	NC	+	-			-	-	
-	Jamb	DC	-	-					
P	Door	NL	+						
B	Casing	NE	-					-	
-	Jamb	NE	+				-		Manager and the second
-	Window Trim	1	+						
-	Sill	/	-				-		
-	Sash	/	-			_			
-	Well	7	-						
(Cabinet Base						-		
	Door Exterior	-4	-				-		
	Door Interior					-			
	Walls								
-	Shelves	1/	-		1		-		
10	Shelf Supports	1	+	-			_		
	oset Shelf	1	+						
-	Shelf Supports		+-				-		
THE PERSON NAMED IN	diator /		+				-		
W	all Molding		+				-	_	
1			-				-		
			-			+			
			-			-	-		
trate	Type: Metal = M, Accessible; N/C: No	Wood		-1		-	+		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Not.	Accessible; N/C: N	ot Coated Co	laster =	P, Sheetro	k = S. Con	Crete - C			
0	Type: Metal = M, Accessible; N/C: No	Joseph CC	v: Cov	ered; VR _	Vinyl Repla	Cement	onck = B		
					-	- manaballi			

	Project Name:	HER		Room:	R2	6	Pare	7 6 7	Apt. #:
Sid				(If P	Ositive C	- LEF	Projec	t Numbe	OM Apt. #:
-	Surface	Readings	POS	Substrate	ositive - C	HECK AIL	hat App	oly)	
_	100z	COV			Defective	Chewable	Priction		
A	Baseboards Wall	AND DESCRIPTION OF THE PARTY.							Comments
B	Wall	J= 6211							CAPPET
C	Wall	ww.0.1							
D	Wall	-012							
	Chair rail	- B1		-					No.
	Ceiling	CONTRACTOR OF THE PARTY OF THE			-				The second secon
	Crown Molding	e (50)			-				
	Door	The second second			-				
T	Casing	-0.1		-					
D	Jamb	0.0							1000
	Door	0.0			-				
I	Casing:	/		-	-				
	Jamb	/		-					
	Window Trim				-				
21	Sill	126							
	Sash	126			-				
	Well	y= () . i							
1	Cabiner Base	et also							
	Door Exterior				-	-			
	Door Interior								
	Walls	1							
-	OLICIVES	1	-			1	-		-
10	Shelf Supports		+				-	-	
	oset Shelf	1	+					-	
-	Shelf Supports	7	+-				_		
	diator		+				-	-	
W	all Molding		+-				-	-	
+			+-					-	
-			+					-	
odene i	TT.		+-				1	+	
Not.	Type: Metal = M,	Wood = W. P	aster =	Det				+	
28	Type: Metal = M, Accessible; N/C: N	ot Coated; CC	V: Cov	ered: VP	ck = S, Con	crete = C, 1	Brick = R		
		-		- ITA Green	vinyi Repla	cement			

		Wate	24		1 1 1 1 1	W 12 60	3		OM Apt. #: Page of r:
Side	Surface	Readings	POS	(If P	ositive - C	heck All 7	Chat App	opa) Tammpe	1: 2020-147
-	Floor	COV	-03	Substrate	Defective	Chewable	Friction	7	
	Baseboards	Cov	\vdash				1000	zapact .	Comments
A	Wall	-012			-				CAMPET
B	Wall	-0.7	-						
C	Wall	-017	-						
	Wall	-0.2	-				-		
	Chair rail	9.6	-			-			
	Ceiling					-			
	Crown Molding	-0.2							
1	Door				-				
DI	Casing	Ne			-				
	Jamb	De							
T	Door	NOC.							
1	Casing	0.0		-					
-		-0.1	-					_	
1700	Jamb	-0./	-				-	-	
1	indow Trim		-				-		
	Sill	/	-				-		
-	Sash		+			_	-		
-	Well		-			_	-		
Cal	binet Base	1	-			_	-		
1	Door Exterior		-			-	-		
I	Door Interior					-			
	Valls				-				
	hclves	-/-	-				-		
SI	nelf Supports	1	-				-		
Clos	et Shelf	1	+					_	
Sh	nelf Supports					-	-		
Radi	ator		-			-			
Wall	Molding								
	-					-			
					-	-			
trate T	mer M "				-				
Not Ac	/pe: Metal = M, 7 cessible; N/C: No	Wood = W, P	aster =	P. Sheater					
	TALC: NO	DE Coated Co	57.0	- POTTCETTO	LE - S, Con	Crete = C T	C _ Jains		

XRF FIELD DATA SHEET.

Side	Surface	Wate Hee	20	(If P	ositive - C	heck All 7	Projec	t Numb	OOM Apt. #: Page of er:
	Floor		POS	Substrate	Defective	Chewable		My)	
	Baseboards	NG				CHEWADIE	Friction	Impact	C
A	Wall	-							Comments
B	Wall	0.0							
C	Wall	011							
D	Wall	-6.0						-	
	Chair rail	0.1	-	-			-	-	CONTRACTOR OF THE CONTRACTOR O
-		-	-	-					
	Ceiling	0.0	-				-		
-	Crown Molding	- ancieta	+				-		
01	Door	-0.6	-			-	-		ini-
DL	Casing	0.0	-						L. Company
1	Jamb		-			-			Overhead DR
13	Door	4.2							DR DR
~ [Casing	Ne		m				1.1	
	Jamb	10.4							
D	Vindow Trim	ME		(V)	-				
)	Sill	NE			-				
	Sash	De			-				
	Well	126			-			-	
C	abinet Base			-					
		_ /	_	-				_	
	Door Exterior	1	1	-			-	-	
-	Door Interior		-						
	Walls Shelves	1	-	-			-	-	
	Shelf Supports			_				-	
Clo	set Shelf			_	-			_	
				-				_	
Pad	helf Supports		1	-				-	
			+	_			1	-	
Wal	l Molding		+				-		
_			+				-	-	
		-	-				-	-	
			-			_	-	1	
rate T Vot A	ype: Metal = M, ccessible; N/C: No	Wood = W, Plot Coated; CO	aster = V: Cov	P, Sheetroe ered; VR _	ck = S, Con Vinyl Repla	crete = C, I	Brick = B		

Side		Wat 2 HRP	20	OF P	and or to	m Les	Projec	t Numbe	OM Apt. #: Page of t: 0f
21016	Surface	ARR Readings	POS	100	ositive - C	heck All	Chat App	oly)	and the same of the same
	Floor	NC	1-00	Substrate	Defective	Chewable	Friction	1	
A	Baseboards		-					Impact	Comments
A	Wall	do 1	-						
B	Wall	m 1							
C	Wall	0.0							
D	Wall								- W
	Chair rail	0.2							
	Ceiling				-	-			
	Crown Molding	0.0			-				
1	Door				-				
41	Casing	NC		-					
1	Jamb	DE							
7	Door	ne						-	
1	The same of the sa			-			-	-	
1	Casing		-	\rightarrow			-	-	
+	Jamb		-				-		
	Window Trim	ne	+				-		
-	Sill	NE	-				-		
-	Sash	are	+						
-	Well		+				-		
10	abinet Base		-			_	-		
-	Door Exterior	-/-				-			41
	Door Interior					_	-		
The real Property lies	Walls	1				_			
	Shelves		-				-		
10	Shelf Supports		-				-	-	
Annual Property lies	oset Shelf	1	-		1		-		
-	Shelf Supports	1	-						Uraka -
THE OWNER WHEN	diator	1	-			_	-		
Wa	ll Molding	1	-			_			
		-				-	-		
						-			
					-	-			
rate '	Type: Metal - 3.5	No.			+	-			The state of the s
Not A	Type: Metal = M	Wood = W, F	laster =	P, Sheetron	k=5 C-				
		or costed; CC	V: Cov	ered: VR_	Vine D	crete = C, I	Brick = B		

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

Keny K. Mille

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,

Kerry K. McGee Project Manager

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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.

Lisa A. Worthington

Technical Representative



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	



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

Dalvahlarinatad	Dinhonylo with	2540 Comblet	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	S	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	



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

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	3	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	



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

Polychloringted	Rinhanyle 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	<u> </u>	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	i	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	



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	



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	3	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	



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



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
Batch B270648 - SW-846 3540C										
Blank (B270648-BLK1)				Prepared: 11	/10/20 Analy	yzed: 11/14/2	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 Analy	yzed: 11/14/2	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 Analy	yzed: 11/14/2	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			



2.1

9.1

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

0.000

La	b Sample ID:	20K0147-02		Da	ate(s) Analy	zed: 11/14/2020	11/1	4/2020						
Ins	strument ID (1):	ECD1		In	strument ID	(2): EC	ECD1							
GC Column (1):		ID:	(m	nm) G	C Column (2	2):	ID:							
	ANALYTE	COL		COL		COLF		COL RT		RT WI	VINDOW CONCENTRAT		%RPD]
	ANALITE	002		FROM	ТО	OGNOENTI WITTON	701111 15							
	Aroclor-1254	1	0.000	0.000	0.000	2.3]						

0.000

0.000



IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

PCB-03	

SW-846 8082A

La	b Sample ID: 20	K0147-03			Date(s) Analy	zed: 11/14/2020	11/14/2020 11/	
Ins	strument ID (1):	ECD1		lı	nstrument ID	(2): E	ECD1	
GC Column (1):		ID:	(mm)		GC Column (2	2):	ID:	(mm)
	ANALYTE	ANALYTE COL		RT W	INDOW	CONCENTRATION	%RPD	
	ANALIIL		RT	FROM	ТО	CONCENTIATION	70111111	
	Aroclor-1254	1	0.000	0.000	0.000	0.97		
		2	0.000	0.000	0.000	0.89	8.6	



1.9

5.1

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

PCB-04	

SW-846 8082A

La	b Sample ID: 20	le ID: 20K0147-04		Date(s) Analyzed		zed:	11/14/2020	11/1	4/2020
Ins	strument ID (1):	CD1		In	Instrument ID (ECD1		
GC Column (1):		ID: (mm)		nm) G	C Column (2	2):		ID:	(mm)
	ANALYTE	COL	RT	RT WI	NDOW	CONCENTRATIO		%RPD	
				FROM	ТО				
	Aroclor-1254	1 1	0.000	0.000	0.000		2.0		

0.000

0.000

0.000



IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

PCB-05	

SW-846 8082A

La	ab Sample ID:	20K	0147-05		D	Date(s) Analyzed:		11/14/2020	11/1	4/2020
In	strument ID (1):	EC	:D1		In	strument ID	(2):	ECD1		
GC Column (1):			ID:	(m	nm) G	GC Column (2):			ID:	(mm)
	ANALYTE	COL		COL RT	RT W	INDOW	CONCENTRATION		%RPD	
	ANALITE		OOL	111	FROM	ТО			701111111	
	Aroclor-1254		1	0.000	0.000	0.000	0	.80		

0.000

0.000

0.86

7.2

0.000



IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

LCS	
LUG	

SW-846 8082A

Lab Sample ID:	B270648-BS1		Date(s) Analyzed:	11/14/2020	11/14/20	020
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
7117/2112			FROM	TO	OONOLIVITUATION	, , , , ,
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

LCS	Dup	

SW-846 8082A

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
7.10.12112	002		FROM	TO	00110211111111111111	
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



FLAG/QUALIFIER SUMMARY

	*	OC result is outside of established l	imits
--	---	---------------------------------------	-------

† 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

No certified Analyses included in this Report

 $The \ CON\text{-}TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$

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

20 K 0 12 L

Sulfuric AcidB = Sodium BisulfateX = Sodium HydroxideT = Sodium 2 Preservation Codes: 0 = Other (please Non Soxhlet PCB ONLY H = HCL M = Methanol N = Nitric Acid 1 Matrix Codes: Soxhlet Preservation Code coolers BACTERIA ENCORE VIALS PLASTIC Thiosulfate define) ರ್ಷ⊏ possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U -Please use the following codes to indicate NELAC and AlHA-LAP, LLC Accredited Chromatogram

AIHA-LAP,LLC ANALYSIS REQUESTED Doc # 381 Rev 2_06262019 MCP Certification Form Required 209 MA MCP Required CT RCP Required RCP Certification Form Required MA State DW Required East Longmeadow, MA 01028 ENCORE Concided VIALS GLASS PLASTIC BACTERIA 39 Spruce Street EXCEL alisa, werstahrpassociates, com Field Filtered Field Filtered Special Requirements Lab to Filter Lab to Filter School MBTA CHAIN OF CUSTODY RECORD X 0 0 0 0 http://www.contestlabs.com Municipality HRP ADI Brownfield Due Date: Matrix Code # OISMd 10-Day 3-Day 4-Day Ð (/)COMP/GRAB CLP Like Data Pkg Required: \square PFAS 10-Day (std) 11/2/20 Government Ending Date/Time Email To: Fax To #: ormat: Federal Other: 7-Day -Day -Day Client Comments: Project Entity Beginning Date/Time (230 077 1250 20 197 SCOTT SMAMP Rd. Formington, CJ 0 00 Email: info@contestlabs.com Matrous St. East Handon, CT Date/Time: Citent Sample ID / Description Phone: 413-525-2332 Fax: 413-525-6405 Jate/Time: Date/Time: Date/Fime: R.R. O PCR-02 スの一つ PCB-02 PCR-C 1264001.5 Invoice Recipient: DOUG PILON Project Manager: DOLG FILES Con-Test Quote Name/Number: CON-LEST Relinquished by: (signature) Sampled By: MCN Received by: (signature) etwed by: (signature) Received by: (signature) Work Order# Con-Test Project Location; Project Number: ments: Address: Page 21 of 23

*Contest is not responsible for missing samples from prepacked Prepackaged Cooler? Y / N Glassware in freezer? Y / N Glassware in the fridge? Total Number Of: Counter Use Only GLASS 10

DW = Drinking Water GW = Ground Water WW = Waste Water A = Air S = Soil SL = Sludge SOL = Solid O = Other (please

analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Co Chain of Custody is a legal document that must be complete and accurate and is used to determine wh Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody.

est values your partnership on each project and will try to assist with missing information, but will not held accountable.

Table of Contents

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



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	

Did COC include all pertinent Information? Are Sample labels filled	nquished ? eaking/loose caps	By Gun # By Blank #	Does	-	On Ice Ambient Actual Tem Actual Tem s Tampered	p -	No Ice Melted Ice	
Were samples within Temperature? 2-6°C Was Custody Se Was COC Relin Are there broken/le s COC in ink/ Legible? Did COC include all pertinent Information? Are Sample labels filled	Direct from Samp T eal Intact? equished ? eaking/loose caps Client	By Gun # By Blank #	We Does	-	Actual Tem Actual Tem	p -	Melted Ice	,
Temperature? 2-6°C Was Custody Se Was COC Relin Are there broken/le s COC in ink/ Legible? Did COC include all pertinent Information? Are Sample labels filled	eal Intact? equished ? eaking/loose caps Client	By Gun # By Blank #	Does	-	Actual Tem Actual Tem	p -		
Temperature? 2-6°C Was Custody Se Was COC Relin Are there broken/le Is COC in ink/ Legible? Did COC include all pertinent Information? Are Sample labels filled	nquished ? eaking/loose caps T Client	By Blank #	Does	-	Actual Tem	p -		1
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Did COC include all pertinent Information? Are Sample labels filled	Client			<u></u>			-	
pertinent Information? Are Sample labels filled				nples recei	ved within he	-		,
Are Sample labels filled	Project	1	Analysis			er Name		
•			ID's		Collection	Dates/Times		
ten thosa Lab to Eiltoro?	-							
Are there Lab to Filters?	?	<u>F</u>	,		s notified?			
Are there Rushes?		<u></u>			s notified?			
Are there Short Holds?		E	<u>.</u>	Who was	s notified?			•
s there enough Volume) ?	<u></u>			т			
s there Headspace whe			•	MS/MSD?			F	
Proper Media/Container	's Used?	<u> </u>			samples req	quired?	<u> </u>	
Were trip blanks receive	∍d?	1		On COC?	F	_	- :A	
Do all samples have the	proper pH?		Acid		•	Base	N/4	,
lials #	Containers:	#			4			#
Jnp-	1 Liter Amb.		1 Liter				Amb.	
-ICL-	500 mL Amb.		500 mL				nb/Clear	
Meoh-	250 mL Amb.		250 mL				b/Clear	(e=
Bisulfate-	Flashpoint		Col./Ba			<u> </u>	nb/Clear	
DI-	Other Glass	ļ	Other I			 	core	<u> </u>
Thiosulfate-	SOC Kit		Plastic	 		Frozen:		
Sulfuric-	Perchlorate		Zipl	ock				
			Unused I	Media				
/lals #	Containers:	#			#			#
Jnp-	1 Liter Amb.		1 Liter	············			Amb.	
HCL-	500 mL Amb.	<u> </u>	500 mL			 	nb/Clear	
Vleoh-	250 mL Amb.	<u> </u>	250 mL				b/Clear	
Bisulfate-	Col./Bacteria	<u> </u>	Flash				nb/Clear	
DI-	Other Plastic	<u> </u>	Other			 	core	L
Thiosulfate-	SOC Kit		Plastic			Frozen:		
Sulfuric- Comments:	Perchlorate		Zipl	ock				



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Con-Test Analytical Laboratory Client: HRP Associates, Inc. (Private) Laboratory Name: **Project Number:** 20K0147 Project Location: 1 Watrous St, East Hampton, CT Laboratory Sample ID(s): Sample Date(s): 20K0147-01 thru 20K0147-06 11/02/2020 List RCP Methods Used: SW-846 8082A ✓ Yes ☐ No 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? ✓ Yes No 1A Were the method specified preservation and holding time requirements met? Yes ☐ No VPH and EPH Methods only: Was the VPH and EPH method conducted without significant 1R ✓ N/A modifications (see Section 11.3 of respective RCP methods)? ✓ Yes No Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)? ✓ Yes No Were samples received at an appropriate temperature (< 6 degrees C.)? 3 □ N/A No ✓ Yes Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved? Yes ✓ No 5A Were reporting limits specified or referenced on the chain-of-custody? No Yes Were these reporting limits met? ✓ Yes No 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? Yes ✓ No 7 Are project-specific matrix spikes and laboratory duplicates included in this data set? Notes: For all questions to which the response was "No" (with the exception of question #7), additional information Lisa A. Worthington 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." 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. husa Worthungton **Authorized Signature:** 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.