REPORT OF HAZARDOUS MATERIALS SURVEY

BUZZARD POINT
WASHINGTON, DC

ECS PROJECT NO. 37:1524

FOR

MCKISSACK & MCKISSACK

JULY 28, 2015

July 28, 2015

Mr. Jonathan Harden
McKissack & McKissack
901 K Street, NW, 6th Floor
Washington, DC 20001
c/o
Mark Babbitt - McKissack & McKissack
Meredith Raetz - McKissack & McKissack

ECS Project No. 37:1524

Reference: Report for Hazardous Material Survey, Buzzard Point, first Street SW, 1714 second Street SW, 1711 first Street, Akridge Warehouse at second and S Street SW, and the Salt Dome at Potomac Ave SW and Half Street SW, Washington, DC, 20593

Dear Mr. Harden:

ECS Mid-Atlantic, LLC (ECS), is pleased to provide you with the results of the above referenced non-invasive Hazardous Materials Survey for the subject buildings. This work was performed in general conformance with ECS Proposal No. 37:985-EP, dated May 27, 2015. The following is a summary of results of the above referenced work performed on July 10 and 17, 2015.

ECS appreciates this opportunity to provide hazardous materials survey services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS CAPITOL SERVICES, PLLC

Michael P. Hamill
Environmental Staff Project Manager

Stephen R. Geraci
Consultant

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EXECUTIVE SUMMARY

The purpose of the survey was to evaluate if asbestos-containing materials (ACMs), lead-based paint/glaze (LBP) and other select materials requiring special handling and disposal are present within the buildings located on the subject property. The non-invasive survey was performed within the interior and exterior areas and the roof of the subject buildings. During the survey, ECS attempted to locate suspect asbestos-containing building materials (ACBMs) in readily accessible areas. However, due to the destructive means required to access some materials, certain areas were deemed inaccessible (i.e. behind solid walls or sub-grade materials) and were not surveyed for suspect ACBMs. Unidentified ACMs may be located in these and/or other inaccessible areas.

The asbestos survey was performed an asbestos inspector who has received EPA accredited training. Based on the laboratory analysis of the suspect asbestos bulk samples collected during the survey, the following materials were reported positive for asbestos:

- Floor tile, drywall joint compound, pin mastic, exterior texture coating, exterior caulks, silver paint and roofing membranes in the 1714 Second Street building;
- Floor tile, interior and exterior caulks, interior window glaze, pipe insulation and roof flashing in the 1711 First Street building;
- Interior window glaze and exterior caulk in the Second and S Street building.

Please refer to Table 1 for a list of identified and reported asbestos-containing materials and Table 3 for a list of the suspect asbestos bulk samples collected during our surveys.

The lead-based paint survey was performed by a District of Columbia licensed Lead Inspector. Painted and/or glazed surfaces were assessed for lead content using a Direct-Read X-Ray Fluorescence (XRF) Spectrometer. Painted surfaces were detected to contain lead above 1.0 milligrams per square centimeter (≥ 1.0 mg/cm^2). Ceramic and porcelain glazing were found to have lead concentrations ≥ 1.0 mg/cm^2. These fixtures and tiles are manufactured with a factory applied glazing (i.e., sinks, toilets, ceramic tiles, etc.) that often contain lead. Lead-containing glazes, while not lead-based paints by the EPA definition, are regulated by OSHA (29 CFR 1926.62), if removed or otherwise disturbed in a manner that will potentially expose contractor employees or other occupants to lead. Painted and glazed surfaces which contain lead in concentrations ≥ 1.0 mg/cm^2 are listed in Table 2. A list of XRF readings collected from the building is included in the Table 4 attached to this report.

Recommendations for future actions (pre-demolition exploration, abatement, etc.) for the identified ACMs and LBPs observed within the subject building are provided further in the report.

SITE DESCRIPTION

The survey was performed for four structures located at Buzzard Point along first Street SW in Washington, DC. The buildings are addressed as 1714 second Street, 1711 first Street SW, the corner of second and S Streets SW, and the corner of Potomac Avenue and Half Streets SW, Washington, DC. The buildings are reported to have been constructed between the 1940's and 1970's and appear to have had renovations and/or additions in the past. The properties were occupied during the survey with the exception of the Akridge Warehouse. The following is a brief description of each structure/unit as observed by ECS.

1714 Second Street, SW
This two-story building is utilized by the Alta Bicycle Share for offices, storage and a workshop. The first floor is mainly and open garage for storage with a workshop room and a section of offices. The second floor consisted of open office cubicles, restrooms, a conference room and a kitchen. The building was occupied during the survey.

1711 First Street, SW
This property is utilized by Super Salvage Inc. The property consists of a two-story main building, an open warehouse adjacent to the main building, a center one-story structure, and a rear office shack. The two-story main building is utilized by the Super Salvage for offices and storage. The east first floor level of the building has offices and restrooms. The west first floor level has a large warehouse with a stairwell that leads to the second floor storage area. The west open warehouse contains machinery. The center structure is surrounded by debris piles and has a stairwell that leads to the roof. The rear office shack is an office. The buildings were occupied during the survey and the salvage yard was in operation.

Second and S Streets, SW
This warehouse with a parking lot is utilized as an Akridge storage facility. The warehouse consists of an office and a restroom. Machinery and road treatment supplies are stored in the warehouse. Stored in the parking is a mobile trailer office, pieces of construction equipment, and a storage container.

Potomac Avenue and Half Street, SW
This property is developed with a large dome utilized for salt storage. There are large chemical storage containers on the lot.

Inaccessible areas attempted to access suspect asbestos-containing materials (ACMs). However, due to the destructive means required to access some materials, certain areas were deemed inaccessible (i.e. behind walls or sub grade materials) and were not surveyed for suspect ACMs. Unidentified suspect ACMs may be located in these and/or other inaccessible areas.

Inaccessible areas included the following:

1714 Second Street, SW
Within enclosed wall systems and under ceramic tile floor and wall systems.

1711 First Street, SW:
Within enclosed wall systems, behind storage shelves and filing cabinets, above drywall and wood ceiling boards, the center structure, west rear portion of the lot under crane activity, and the north portion of the open warehouse.

Second and S Streets SW:
Office trailer and above the drywall drop ceiling in the warehouse office.

Prior to demolition activities within the inaccessible areas, further evaluation for possible hidden or enclosed suspect ACMs and other regulated materials should be performed.

METHODS AND RESULTS

Asbestos

The asbestos survey was performed by an asbestos inspector who has received EPA accredited training. Samples of suspect asbestos-containing materials (ACMs) were collected utilizing hand tools and placed into individual, labeled plastic bags. Unique bulk suspect ACM samples were submitted to Scientific Analytical Institute (SAI) in Greensboro, North Carolina for analysis via Polarized Light Microscopy in accordance with current EPA-600 methodology. Materials consisting of additional layers were analyzed separately. SAI is listed as an accredited laboratory by the National Voluntary Laboratory Accreditation Plan (NVLAP) managed by the National Institute of Standards and Technology (NIST) for bulk sample analysis.

Samples were collected in general accordance with EPA Standard 40 CFR 763 Subpart E, Asbestos Hazard Emergency Response Act (AHERA) and OSHA Standard 29 CFR 1926.1101 Inspection Protocol. Multiple samples of each unique material were submitted. Samples were analyzed using “Positive Stop” methodology. If one sample of a homogeneous material is reported to contain asbestos, the remaining samples of that material are not analyzed. EPA regulations stipulate that if one sample contains asbestos the entire quantity of that material contains asbestos, regardless of additional analysis. In total, 86 bulk representative samples were submitted to the laboratory of which 82 layers were analyzed.

Table 1 below summarizes the materials reported to contain asbestos. A list of the materials sampled during this survey and reported results are located in Table 3 attached to this

report. Photographs of collected samples reported as asbestos containing are also attached to this report.

TABLE 1
ASBESTOS-CONTAINING MATERIALS SUMMARY

1714 Second Street, SW		
Sample Location	**Material**	**Friability**
Second Floor Kitchen	12" x 12" Off-White Floor Tile	Category I Non-Friable
Stairwell	12" x 12" Tan Floor Tile	Category I Non-Friable
Second Floor Water Heater Closet	Drywall Joint Compound	Friable
Second Floor Conference Room	Brown Pin Mastic of Fiberglass Wall Insulation	Category II Non-Friable
Exterior	Exterior Wall Texture Coating	Friable
Upper Roof	Black Metal Coping Caulk	Category II Non-Friable
Upper Roof	Black Pitch Pocket	Category II Non-Friable
Roof	Roof Top Membrane	Category I Non-Friable
Roof	Black Vent Caulk	Category II Non-Friable
Roof	Caulk on Flashing	Category II Non-Friable
Roof	Silver Paint on Vent	Category II Non-Friable
Roof	Top Roof Layer (Rubber/Pitch)	Category I Non-Friable
Roof	Second Roof Layer (Felt Paper/Pitch)	Category I Non-Friable

TABLE 1
ASBESTOS-CONTAINING MATERIALS SUMMARY

1711 First Street, SW		
Sample Location	**Material**	**Friability**
First Floor Front Office	9" x 9" Gray Floor Tile	Category I Non-Friable
First Floor Rear Office Bathroom	Gray Interior Window Caulk	Category II Non-Friable
First Floor Rear Office Bathroom	White Interior Window Glaze	Category II Non-Friable
First Floor Front Office	12" x 12" Tan Floor Tile	Category I Non-Friable
First Floor Front Office	12" x 12" Tan Floor Tile	Category I Non-Friable
Second Floor Storage Area	Pipe Insulation	Friable
Exterior	White Exterior Window Caulk	Category II Non-Friable
Roof	Flashing	Category I Non-Friable
Roof	Gray Coping Stone Caulk	Category II Non-Friable
Second and S Street, SW		
Sample Location	**Material**	**Friability**
Warehouse Office	White Interior Window Glaze	Category II Non-Friable
Exterior	Exterior White Siding Caulk	Category II Non-Friable

Building materials similar (i.e., color, age, texture) to those reported to contain asbestos should also be assumed to contain asbestos. Materials identified in this table may also be found in other parts of the surveyed buildings.

Identified asbestos-containing floor tile and associated mastic should be assumed to be present under furniture (cabinets, shelves, radiators, etc.) and partition walls. If partition walls are present, insulation within the walls maybe present and should be considered suspect ACMs.

Asbestos-containing caulks were identified on the windows, doors, and siding of the 1714 Second Street, 1711 First Street and Second and S Street buildings. ECS also identified asbestos-containing roof caulks and roof membranes associated with the roofing system of the 1714 Second Street and 1711 First Street buildings.

ACM pipe insulation sampled on the second floor storage area in the Super Salvage Building was observed throughout the building.

Mudded pipe elbow insulation was observed above the suspended ceiling in the second floor men's restroom of the Bike Share building. This material was inaccessible during the survey but should be assumed to contain asbestos.

Suspect/Assumed Asbestos Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, exterior areas, sub-grade sealants, flooring located below underlayments, areas behind walls, pipe chases, vapor barriers, etc. were deemed inaccessible and were not assessed.

These materials could not be reached or sampled at the time of the survey. If these materials are discovered during demolition, they should be presumed to contain asbestos and be treated as asbestos-containing materials (ACMs) or, otherwise, sampled immediately upon discovery and prior to disturbance for asbestos content by a certified asbestos inspector in accordance with 29 CFR 1926.1101.

The following list of materials assumed to contain asbestos is not comprehensive, but does include materials typically present in similarly constructed buildings:

- **Thermal System Insulation (TSI)** on pipes within chases behind walls and above ceilings;
- **Mudded Pipe Elbows** on pipes with1n chases behind walls and above ceilings;
- **Pipe Flange Gaskets** in heating and plumbing systems;
- **Fire Door and associated Casing Insulation** in locations requiring a rated fire door and door casing;
- **Air Handler Components** in the air handlers (interior components);

- **Concrete Masonry Unit (Blocks/Walls)** with Vermiculite filler;
- **Electrical Panels Asbestos Cement Components** in electrical systems;
- **Water Fountain Components** in water fountains (pipe cloth);
- **Waterproofing Membrane/Mastics** behind interior finishes, exterior veneer and/or subgrade walls;
- **Boilers Components** in boilers (gasket, fire brick, etc.);
- **Light Insulation** in light shields;
- **Ceramic Tile and Mirror Mastics** behind/under ceramic wall and/or floor tiles, and mirrors;
- **Wood Panels and/or Paneling Mastic/Felt Paper** behind panels and/or paneling;
- **Baseboard Heaters/Radiators Components** in and/or behind radiators/baseboards;
- **Felt Paper and Materials associated with Wood Floor and Ceiling Boards**.

Lead-Based Paint

The Lead-Based Paint (LBP) survey was performed by a District of Columbia licensed Lead Inspector. Painted and/or glazed surfaces were assessed for lead content using a Direct-Read X-Ray Fluorescence (XRF) Spectrometer manufactured by Innov-X Systems.

The survey was conducted utilizing the EPA and District of Columbia definition of LBP. Under this definition, painted surfaces which contain lead in concentrations equal to or greater than 1.0 milligrams per square centimeter (≥ 1.0 mg/cm^2) are classified as coated with LBP. Paints with concentrations of lead detectable by the XRF are considered lead-containing paints. Additionally, fixtures or components that are manufactured with a factory applied glazing (i.e., sinks, toilets, ceramic tiles, etc.) are tested as these factory-applied finishes often contain lead. Lead-containing glazes, while not lead-based paints by the EPA definition, are regulated by OSHA (29 CFR 1926.62), if removed or otherwise disturbed in a manner that will potentially expose contractor employees or other occupants to lead.

The representative survey included taking readings from walls, windows, doors, and miscellaneous components. Walls are listed by letter with wall “A” being the entrance of the subject building, proceeding clockwise to “B, C, D”, etc. A total of 155 readings were collected during the survey, including calibration readings. A list of XRF readings collected from the building is included in the Table 4 attached to this report.

Of the collected readings, 13 were detected to contain lead in concentrations ≥ 1.0 mg/cm^2. These readings are listed in the table below.

TABLE 2
XRF LEAD BASED PAINT SUMMARY

Reading	Building	Room	Substrate	Color	Component	Pb
9	1711 first St SW	Rear Office	Metal	Green	Window Apron	1.00
52	1714 second St SW	second Floor	Ceramic	White	Wall	1.00
53	1714 second St SW	second Floor	Ceramic	White	Wall	1.00
56	1714 second St SW	second Floor Bathroom	Ceramic	Gray	Wall	1.00
121	1714 second St SW	Garage	Concrete	Yellow	Stair Tread	2.50
12	second and S St SW	Exterior	Metal	Gray	Door Casing	5.00
12	second and S St SW	Warehouse Office	Wood	Brown	Window Casing	5.00

Note: Pb – Lead in milligrams per square centimeter (mg/cm^2)

Lead concentrations ≥ 1.0 mg/cm^2 were primarily detected on window component, concrete stair paints, ceramic wall tiles, and toilets (glazing). The glazing appeared to be associated with factory finishes. The majority of the remaining collected readings of painted surfaces were reported to be non-detect for the presence of lead although a few were reported to be lead containing, less than 1.0 mg/cm^2. Please refer to the attached Table 4 for the complete listing of readings and results.

Miscellaneous Materials

In addition to surveys for ACMs and LBPs, ECS surveyed the buildings for various materials which may require special handling or disposal if removed from the buildings. Due to ongoing operation at the Super Salvage site, ECS was unable to determine if regulated waste materials (items classified as hazardous or universal waste) are located within the salvage yard. No sampling or characterization of these materials was included within our scope of services. Materials which may require sampling or characterization prior to disposal are summarized below.

Suspect Polychlorinated Biphenyl (PCB) Containing Lamp Ballasts

Polychlorinated biphenyls (PCBs) are toxic coolants or lubricating oils used in some electrical transformers and capacitors, hydraulically-operated equipment, light ballasts, and other similar equipment.

As part of our survey, ECS surveyed the structures for potential liquid PCB containing materials and equipment. At the time of the Hazardous Material Survey, ECS visually

observed several of the fluorescent light ballasts throughout the structure in an attempt to identify labeling indicating the presence/absence of PCB containing fluids.

It should be noted that light ballasts manufactured prior to 1979 could contain small quantities of PCBs. However, regardless of “PCB labeling,” ballasts produced between 1980 and 1991 may contain di-ethyl hexyl phthalate (DEHP) which is classified as a potential carcinogen by the EPA. Prior to demolishing or major renovations of the building, ECS recommends all ballasts be properly recycled regardless of “PCB” labeling.

ECS calculated an approximate total of 262 light ballasts within the buildings. At the time of the survey, ECS visually observed several of the ballasts for labeling indicating the possible presence of PCB-containing fluids. Labeling was not observed or accessible on the ballasts surveyed. At this is it is recommended that all ballasts be assumed to be suspect PCB containing. During demolition, the demolition/environmental contractor should segregate ballasts labeled as “No-PCB’s” (if any) from ballasts lacking such labeling. At the time of our investigation, no evidence of damage or leaking was observed on or in the vicinity of the inspected fixtures.

Mercury Containing Components

The EPA classifies mercury as both hazardous and toxic. The survey included observations for building components, equipment or other apparatus, which could contain mercury, such as thermostats, fluorescent lamps, and switch-containing devices.

As previously discussed, fluorescent lamps were observed throughout the buildings. The fluorescent lamps may contain small quantities of mercury. Approximately 1,000 linear feet of lamps were calculated (including spare bulbs), multiple of compact fluorescent bulbs and exterior high-intensity discharge lamps (HIDS). Approximately 35 HIDS were located around the buildings.

Refrigerants and Extinguishers

ECS performed a survey of the buildings in an attempt to identify extinguishers and equipment which may contain Freon or other refrigerants. ECS observed air handlers and refrigerators which may contain Freon or other refrigerants as well as multiple fire extinguishers.

Other Potential Hazardous/Regulated Substances

Lead-acid batteries located in emergency lamps, exit signs, alarm panels and associated with electrical components, etc. were observed. The following additional materials were also observed which may require special handling and disposal during demolition activities:

- Cleaning supplies in basement rooms;
- Desktop computers and monitors:
- Paint, floor treatment, leveling compound, and mastic containers;
- Two (greater than 100 gallon) containers labeled liquid Magnesium Chloride;
- Smoke detectors and Fire Extinguishers;
- Air compressors;
- Two flammable storage cabinets with unknown contents;
- Three Oxygen gas containers.
- Propane Gas Tanks;
- There 55-Gallon drums for used oil;
- Thirteen compresses gas canisters of varying size with unknown contents;
- Large Batteries at batteries recharging station;
- 40 bags of 44-pound road salts;
- Hydraulic lifts and associated lubricants and oils.

Note: Not all areas of the Super Salvage building were accessible. Other materials may be present in inaccessible areas during this survey.

RECOMMENDATIONS

Asbestos

The materials listed in Table 1 consist of friable (i.e., able to be crumbled, pulverized, and/or reduced to powder by hand pressure when dry) and non-friable materials which contain greater than one percent (> 1%) asbestos. By definition, these materials are considered asbestos-containing materials (ACMs). Friable materials will easily produce airborne asbestos fibers if disturbed. Non-friable materials may also produce airborne asbestos fibers if disturbed.

The friable ACMs identified were limited to the joint compound associated with brown drywall, and white textured exterior wall finish in the Capitol Bike Share Building and pipe TSI in the Super Salvage building. ECS recommends where a material type has been identified as asbestos containing that all similar type materials throughout the building's interior be assumed to contain asbestos. Suspect asbestos containing materials not observed due to inaccessibility during the survey may be encountered during demolition activities and should be tested for asbestos content or assumed to contain asbestos.

Federal and District of Columbia regulations require ACMs be removed prior to disturbance by demolition operations. When the buildings are demolished, by regulation, Category I non-friable materials and in some instances Category II materials may remain in place during demolition under the following provisions: the Contractor must have appropriate training; the debris must remain wet during demolition and not become friable; the contractor cannot compact the debris once the building is demolished with Category I/II non-friable materials present. Salvage of materials is also prohibited once the building is demolished and Category I/II non-friable materials are mixed in the debris. The landfill receiving the waste must also be notified in writing that it is receiving Category I/II non-friable materials, and it must acknowledge that it can accept this type of waste. Due to the challenges associated with complying with these regulatory requirements it is recommended, and is standard industry practice for an asbestos abatement contractor to remove these materials prior to demolition.

Prior to removal of RACMs, notification may be required by either the District of Columbia and/or the EPA. This notification, if appropriate, must be filed by a District of Columbia certified asbestos abatement contractor 10 business days before starting asbestos abatement activities.

If ACMs are to be removed, it is recommended that an industrial hygienist monitor the project. This involves collecting air samples from within and outside abatement work areas to monitor the abatement contractor's work practices over the course of the project. The industrial hygienist should inform the building owner if the asbestos abatement contractor is not performing the work in accordance with project specifications, District of Columbia and local regulations (for asbestos) as well as EPA regulation 40 CFR Part 61-National Emission Standards for Hazardous Air Pollutants Subpart M: National Emission Standard for Asbestos, and U.S. Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 – Asbestos in Construction which, in part, requires the contractor to perform personal exposure monitoring for all workers abating and disposing of asbestos containing materials.

The industrial hygienist should assess each work area to monitor the removal of asbestos-containing materials. Only after the monitor has determined the identified ACMs have been removed should final clearance air samples be collected. ECS can provide these services if requested.

At the time of the survey, destructive means were not used to locate or sample suspect ACMs; therefore, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, exterior areas, sub-grade sealants, flooring located below underlayments, areas behind walls, pipe chases, vapor barriers, etc. were deemed inaccessible and were not assessed. If additional suspect asbestos-containing materials are uncovered during renovation activities which were not accessible during this survey, it is recommended that these materials be sampled immediately upon discovery for asbestos content by a licensed asbestos inspector in accordance with 29 CFR 1926.1101.

Lead-Based Paint

Lead concentrations ≥ 1.0 mg/cm^2 were primarily detected in the window component paints, concrete stair paints, .ceramic wall tiles, and ceramic toilet glazing. The glazings appeared to be associated with factory finished surfaces. The majority of the remaining collected readings of painted surfaces were reported to be non-detect; although a few were reported to be lead-containing < 1.0 mg/cm^2.

Even if a painted surface contains lead in concentration < 1.0 mg/cm^2, it may still contain lead in the paint, which when disturbed, may generate lead dust greater than the Permissible Exposure Limit (PEL) of 50 micrograms per cubic millimeter (µg/m^3) as an 8-hour Time Weighted Average (TWA) established by U.S. Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1926.62 – Lead in Construction.

The OSHA standard also gives no guidance on acceptable levels of lead in paint at which no exposure to airborne lead (above the action level) would be expected. Rather, OSHA defines airborne concentrations, and references specific types of work practices and operations from which a lead hazard may be generated (reference 29 CFR 1926.62, section d). Environmental and personnel monitoring should be conducted during any removal/demolition process (as appropriate) to verify that actual personal exposures are below the Permissible Exposure Limit (PEL). Under OSHA requirements, the contractor performing demolition work will be required to conduct this monitoring and follow applicable requirements under 29 CFR 1926.62 if disturbing paint found to contain lead.

During renovation/demolition activities, ECS recommends a Toxicity Characteristic Leaching Procedure (TCLP) sample to be collected from the demolition debris prior to disposal of the waste stream. Waste tested which results in a lead content in the leachate of greater than or equal to five parts per million (5 ppm) is to be considered hazardous, handled and disposed in accordance with local, city, state and federal regulations

Miscellaneous Materials

Light ballasts manufactured prior to 1979 could contain small quantities of PCBs. However, regardless of “PCB labeling,” ballasts produced between 1980 and 1991 may contain di-ethyl hexyl phthalate (DEHP) which is classified as a potential carcinogen by the EPA. Prior to any demolition or major renovations of the building, ECS recommends all ballasts be properly recycled regardless of “PCB” labeling. Ballasts lacking “No PCBs” labeling (if any) should be segregated and disposed of as a unique waste stream

Fluorescent lamps and lamp ballasts, when removed, should be recycled in accordance with EPA and District of Columbia regulations. Recycling is the most environmental friendly means of disposal for these materials. Fluorescent lamps may be disposed as universal

waste if they remain unbroken during removal. If bulbs are crushed or broken prior to disposal, they are classified as hazardous waste by the EPA.

Lamp ballasts, mercury containing switches, lead-acid batteries and other hazardous and/or regulated waste materials must be segregated and disposed of properly as required by the EPA and District of Columbia. If any of these materials are observed to be leaking or otherwise damaged prior to disposal they must be disposed of as hazardous waste in accordance with EPA and District of Columbia regulations. Handling, packaging, labeling, and disposal of hazardous materials should be performed in accordance with EPA and District of Columbia regulations. The District of Columbia will require the buildings' owner (referred to as the "generator") to obtain an EPA Generator ID number in order to dispose of hazardous waste materials. A copy of the EPA Generator ID number application has been enclosed with this report. It should be completed and submitted to DDOE to obtain a number prior to the removal of any hazardous or universal waste materials from the site. ECS recommends that under the project specifications prepared for this site that requirements be made within the base bid scope of work to mandate that the demolition contractor assist with this process through use of a hazardous waste broker.

GENERAL

ECS recommends that a project specification to delineate and quantify known and suspect hazardous and regulated materials in the building and to outline proper procedures for the abatement be performed. This will help protect the owner's liability in better defining the scope of work and contractors' roles and responsibilities in the abatement process and holding the contractor accountable for the performance of the project. The specification typically define the Contractor's scope of work and outline requirements and procedures that must be followed for this project. The intent of the specification is to give performance requirements for the Contractor so that the project can be completed safely and in compliance with applicable federal and District of Columbia regulations.

LIMITATIONS

The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or

relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

During this study, suspect asbestos samples were submitted for analysis at an NVLAP-accredited laboratory via polarized light microscopy. As with any similar survey of this nature, actual conditions exist only at the precise locations from which suspect asbestos samples were collected. Certain inferences are based on the results of this sampling and related testing to form a professional opinion of conditions in areas beyond those from which the samples were collected. No other warranty, expressed or implied, is made.

Our recommendations are in part based on federal and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

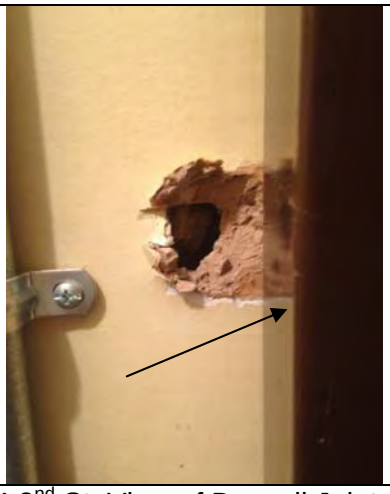
The client agrees to notify the appropriate local, state, or federal public agencies as required by law, or otherwise to disclose, in a timely manner, information that may be necessary to prevent any danger to public health, safety, or the environment.

ATTACHMENT

PHOTOGRAPHS

1. 1714 2nd St: View of 12” x 12” Off-White Floor Tile (ACM) in the 2nd Floor Kitchen. Sample No. BS-5-A.

2. 1714 2nd St: View of 12” x 12” Tan Floor Tile (ACM) in the Stairwell. Sample No. BS-9-A.

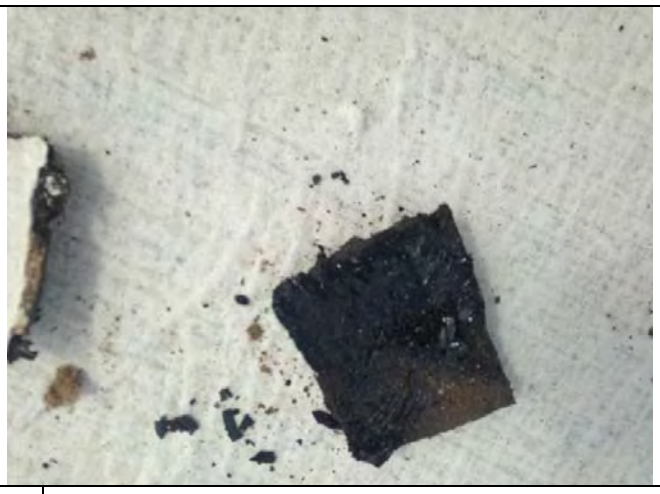


3. 1714 2nd St: View of Drywall Joint Compound (ACM) associated with Brown Drywall in the 2nd Floor Closet. Sample No. BS-13.

4. 1714 2nd St: View of Brown Pin Mastic (ACM) associated with Fiberglass Insulation in the 2nd Floor Conference Room. Sample No. BS-28.

5. 1714 2nd St: View of Exterior Wall Texture Coating (ACM). Sample Nos. BS-39 – BS-45.

6. 1714 2nd St: View of Top Roof Layer (ACM). Sample No. BS-57.



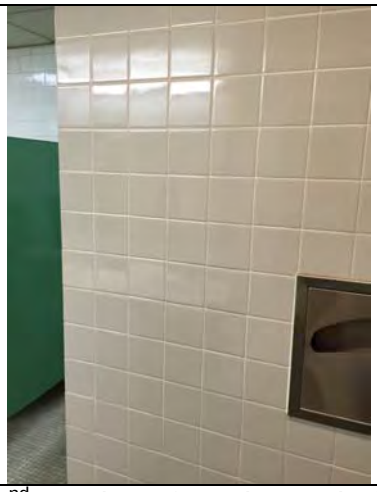
7.	1714 2nd St: View of 2nd Roof Layer (ACM). Sample No. BS-68.

8.	1714 2nd St: View of Black Vent Caulk (ACM) on the Roof. Sample No. BS-61.

9.	1714 2nd St: View of Silver Paint (ACM) on the Roof Vents. Sample No. BS-65.

10.	1714 2nd St: View of Caulking (ACM) on the Roof Flashing. Sample No. BS-64.

11.	1714 2nd St: View of Lead-Based Glaze on White Ceramic Wall Tiles in the 2nd Floor Break Room. XRF Reading No. 52.



12.	1714 2nd St: View of Lead-Based Glaze on Grey Ceramic Wall Tiles within the Men's Bathroom. XRF Reading No.56.

13.	1714 2nd St: View of Lead-Based Paint on Yellow Concrete Curb in the Garage. XRF Reading No. 121.

14.	1714 2nd St: View of Batteries in Garage.

15.	View of 1711 1st St. (Super Salvage).

16.	1711 1st St: View of Gray Interior Window Caulk (ACM) in the Rear Office. Sample No. SS-05.

17.	1711 1st St: View of White Interior Window Glaze (ACM) in the Rear Office Bathroom. Sample No. SS-07.

18.	1711 1st St: View of 12” x 12” Tan Floor Tile (ACM) in the Front Office. Sample No. SS-09.

19.	1711 1st St: View of Pipe Insulation (ACM) in the 2nd Floor Storage Area. Sample No. SS-15.

20.	1711 1st St: View of White Exterior Window Caulk (ACM). Sample No. SS-19.

21.	1711 1st St: View of Gray Copping Stone Caulk (ACM) on the Roof. Sample No. SSR-13.

22.	View of Lead-Based Paint on Green Metal Window Apron in the Rear Office. XRF Reading No. 9.

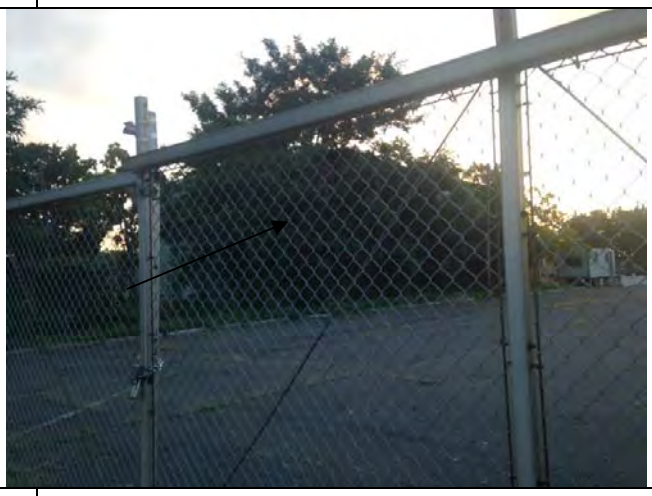
23.	1711 1st St: View of Compressed Gas Containers and Fire Extinguishers.

24.	1711 1st St: View of Miscellaneous Materials.

25.	1711 1st St: View of Hydraulic Press.

26.	1711 1st St: View of Oil Drums.

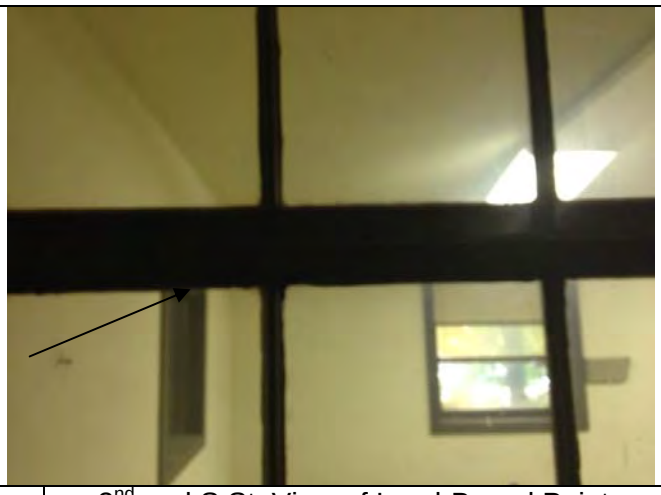
27.	1711 1st St: View of Inaccessible Center Building.



28.	View of 2nd and S St. (Akridge Warehouse)

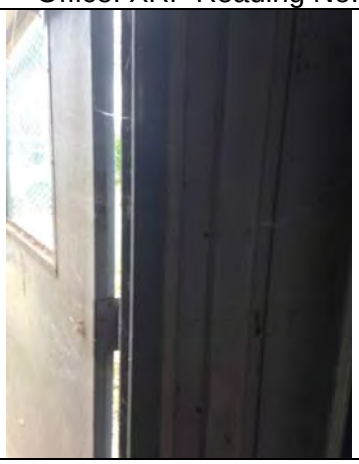
19.	2nd and S St: View of White Interior Window Glaze (ACM) in the Warehouse Office. Sample No. AW-07.

30.	2nd and S St: View of Exterior White Siding Caulk (ACM). Sample No. AW-15.



31.	2nd and S St: View of Lead-Based Paint on Brown Wood Window Sash in the Warehouse Office. XRF Reading No. 12.

32.	2nd and S St: View of Lead-Based Paint on Gray Metal Exterior Door Casing. XRF Reading No. 08.



33.	2nd and S St: View of Fire Door.

34.	2nd and S St: View of Gas Containers.

35.	2nd and S St: View of 44-Pound Bags of Road Salt and De-Icier.

ATTACHMENT

TABLE 3
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS

TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
1714 2nd Street SW (Capitol Bicycle Share)				
BS - 1	1714 2nd St SW	2nd Floor Break Room	2' x 4' Pinhole Fissure Ceiling Tile	NAD
BS - 2	1714 2nd St SW	2nd Floor Break Room	2' x 4' Pinhole Fissure Ceiling Tile	NAD
BS - 3	1714 2nd St SW	2nd Floor Open Office	Yellow/Black Floor Mastic with Gray Compound	NAD
BS - 4	1714 2nd St SW	2nd Floor Open Office	Yellow/Black Floor Mastic with Gray Compound	NAD
BS - 5 - A	**1714 2nd St SW**	**2nd Floor Kitchen**	**12" x 12" Off-White Floor Tile**	**3% Chrysotile**
BS - 5 - B	1714 2nd St SW	2nd Floor Kitchen	Yellow Mastic associated with 12" x 12" Offwhite Floor Tile	NAD
BS - 6 - A	1714 2nd St SW	2nd Floor Kitchen	12" x 12" Off-White Floor Tile	N/A
BS - 6 - B	1714 2nd St SW	2nd Floor Kitchen	Yellow Mastic associated with 12" x 12" Offwhite Floor Tile	NAD
BS - 7 - A	1714 2nd St SW	Stairwell	4" Brown Cove Base	NAD
BS - 7 - B	1714 2nd St SW	Stairwell	Brown Mastic associated with 4" Brown Cove Base	NAD
BS - 8 - A	1714 2nd St SW	Stairwell	4" Brown Cove Base	NAD
BS - 8 - B	1714 2nd St SW	Stairwell	Brown Mastic associated with 4" Brown Cove Base	NAD
BS - 9 - A	**1714 2nd St SW**	**Stairwell**	**12" x 12" Tan Floor Tile**	**5% Chrsotile**
BS - 9 - B	1714 2nd St SW	Stairwell	Yellow Mastic associated with 12" x 12" Tan Floor Tile	NAD
BS - 10 - A	1714 2nd St SW	Stairwell	12" x 12" Tan Floor Tile	N/A
BS - 10 - B	1714 2nd St SW	Stairwell	Yellow Mastic associated with 12" x 12" Tan Floor Tile	NAD
BS - 11	1714 2nd St SW	2nd Floor Water Heater Closet	Brown Drywall Wallboard	NAD
BS - 12	1714 2nd St SW	2nd Floor Water Heater Closet	Brown Drywall Wallboard	NAD
BS - 13	**1714 2nd St SW**	**2nd Floor Water Heater Closet**	**Drywall Joint Compound**	**2% Chrysotile**
BS - 14	1714 2nd St SW	2nd Floor Water Heater Closet	Drywall Joint Compound	N/A
BS - 15	1714 2nd St SW	2nd Floor Conference Room	Gypsum Drywallboard	NAD
BS - 16	1714 2nd St SW	2nd Floor Conference Room	Gypsum Drywallboard Joint Compound	NAD
BS - 17	1714 2nd St SW	2nd Floor Water Heater Closet	Tan Pipe Insulation Wrap with Foil	NAD
BS - 18	1714 2nd St SW	2nd Floor Water Heater Closet	Tan Pipe Insulation Wrap with Foil	NAD
BS - 19	1714 2nd St SW	2nd Floor Water Heater Closet	Tan Pipe Insulation Wrap with Foil	NAD
BS - 20	1714 2nd St SW	Hallway	2' x 4' Pinhole Punch Ceiling Tile	NAD
BS - 21	1714 2nd St SW	Hallway	2' x 4' Pinhole Punch Ceiling Tile	NAD
BS - 22 - A	1714 2nd St SW	Stairwell	Black Stair Tread	NAD
BS - 22 - B	1714 2nd St SW	Stairwell	Yellow Mastic associated with Black Stair Tread	NAD

Notes:
Bold = Asbestos Containing Material
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N/A = Sample Not Analyzed; Positive Stop

TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
BS - 23 - A	1714 2nd St SW	Stairwell	Black Stair Tread	NAD
BS - 23 - B	1714 2nd St SW	Stairwell	Yellow Mastic associated with Black Stair Tread	NAD
BS - 24 - A	1714 2nd St SW	Stairwell	4" Black Cove Base	NAD
BS - 24 - B	1714 2nd St SW	Stairwell	Mixed Mastics associated with 4" Black Cove Base	NAD
BS - 25 - A	1714 2nd St SW	Stairwell	4" Black Cove Base	NAD
BS - 25 - B	1714 2nd St SW	Stairwell	Mixed Mastics associated with 4" Black Cove Base	NAD
BS - 26	1714 2nd St SW	Bathrooms	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)	NAD
BS - 27	1714 2nd St SW	Bathrooms	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)	NAD
BS - 28	**1714 2nd St SW**	**2nd Floor Conference Room**	**Brown Pin Mastic of Fiberglass Wall Insulation**	**12% Chrysotile**
BS - 29	1714 2nd St SW	2nd Floor Conference Room	Brown Pin Mastic of Fiberglass Wall Insulation	N/A
BS - 30	1714 2nd St SW	1st Floor Stairwell	White Interior Door Caulk	NAD
BS - 31	1714 2nd St SW	1st Floor Stairwell	White Interior Door Caulk	NAD
BS - 32 - A	1714 2nd St SW	Repair Room	4" White Cove Base	NAD
BS - 32 - B	1714 2nd St SW	Repair Room	Cream Mastic associated with 4" White Cove Base	NAD
BS - 33 - A	1714 2nd St SW	Repair Room	4" White Cove Base	NAD
BS - 33 - B	1714 2nd St SW	Repair Room	Cream Mastic associated with 4" White Cove Base	NAD
BS - 34	1714 2nd St SW	Garage	Gray Duct Mastic	NAD
BS - 35	1714 2nd St SW	Garage	Gray Duct Mastic	NAD
BS - 36	1714 2nd St SW	Garage	HVAC Wrap with Black Mastic	NAD
BS - 37	1714 2nd St SW	Garage	HVAC Wrap with Black Mastic	NAD
BS - 38	1714 2nd St SW	Garage	HVAC Wrap with Black Mastic	NAD
BS - 39	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 40	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 41	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 42	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 43	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 44	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 45	**1714 2nd St SW**	**Exterior on Concrete Walls**	**Exterior Wall Texture Coating**	**3% Chrysotile**
BS - 46	1714 2nd St SW	Entry Door	Exteiror White Door Caulk	NAD
BS - 47	1714 2nd St SW	Entry Door	Exteiror White Door Caulk	NAD

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TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
BS - 48	1714 2nd St SW	West Exterior	Exterior Black Water Proofing	NAD
BS - 49	1714 2nd St SW	West Exterior	Exterior Black Water Proofing	NAD
BS - 50	1714 2nd St SW	West Exterior	Exterior Black Water Proofing	NAD
BS - 51	1714 2nd St SW	West Exterior	Black Wall Floor Joint Caulk	NAD
BS - 52	1714 2nd St SW	West Exterior	Black Wall Floor Joint Caulk	NAD
BS - 53	**1714 2nd St SW**	**Upper Roof**	**Black Coping Caulk**	**10% Chrysotile**
BS - 54	1714 2nd St SW	Upper Roof	Black Coping Caulk	N/A
BS - 55	**1714 2nd St SW**	**Upper Roof**	**Black Pitch Pocket**	**3% Chrysotile**
BS - 56	1714 2nd St SW	Upper Roof	Black Pitch Pocket	N/A
BS - 57	**1714 2nd St SW**	**Roof**	**Top Roof Layer (Rubber/Pitch)**	**3% Chrysotile**
BS - 58	1714 2nd St SW	Roof	2nd Roof Layer (Felt Paper/Pitch)	NAD
BS - 59	1714 2nd St SW	Roof	3rd Roof Layer (Dense Deck)	NAD
BS - 60	1714 2nd St SW	Roof	Bottom Roof Layer (Felt Paper)	NAD
BS - 61	**1714 2nd St SW**	**Roof**	**Black Vent Caulk**	**2% Chrysotile**
BS - 62	1714 2nd St SW	Roof	Black Vent Caulk	N/A
BS - 63	1714 2nd St SW	Roof	Caulk on Flashing	NAD
BS - 64	**1714 2nd St SW**	**Roof**	**Caulk on Flashing**	**2% Chrysotile**
BS - 65	**1714 2nd St SW**	**Roof**	**Silver Paint on Vent**	**3% Chrysotile**
BS - 66	1714 2nd St SW	Roof	Silver Paint on Vent	N/A
BS - 67	**1714 2nd St SW**	**Roof**	**Top Roof Layer (Rubber/Pitch)**	**2% Chrysotile**
BS - 68	**1714 2nd St SW**	**Roof**	**2nd Roof Layer (Felt Paper/Pitch)**	**15% Chrysotile**
BS - 69	1714 2nd St SW	Roof	3rd Roof Layer (Dense Deck)	NAD
BS - 70	1714 2nd St SW	Roof	Bottom Roof Layer (Felt Paper)	NAD
1711 1st Street SW (Super Salvage)				
SS -1 - A	**1711 1st St SW**	**Front Office**	**9" x 9" Gray Floor Tile**	**5% Chrysotile**
SS -1 - B	1711 1st St SW	Front Office	Black Mastic associated with 9" x 9" Gray Floor Tile	NAD
SS -2	1711 1st St SW	Front Office	9" x 9" Gray Floor Tile	N/A
SS -3	1711 1st St SW	Front Office	1' x 1' White Flat Ceiling Tile	NAD
SS -4	1711 1st St SW	Front Office	1' x 1' White Flat Ceiling Tile	NAD
SS -5	**1711 1st St SW**	**Rear Office**	**Gray Interior Window Caulk**	**4% Chrysotile**

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TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
SS -6	1711 1st St SW	Rear Office	Gray Interior Window Caulk	N/A
SS -7	**1711 1st St SW**	**Rear Office Bathroom**	**White Interior Window Glaze**	**2% Chrysotile**
SS -8	1711 1st St SW	Rear Office Bathroom	White Interior Window Glaze	N/A
SS -9	**1711 1st St SW**	**Front Office**	**12" x 12" Tan Floor Tile (Insuficiant Mastic)**	**2% Chrysotile**
SS -10 - A	1711 1st St SW	Front Office	12" x 12" Tan Floor Tile	N/A
SS -10 - B	1711 1st St SW	Front Office	Brown Mastic associated with 12" x 12" Tan Floor Tile	NAD
SS -10 - C	**1711 1st St SW**	**Front Office**	**12" x 12" Tan Floor Tile (Tile #2)**	**5% Chrysotile**
SS -10 - D	1711 1st St SW	Front Office	Black Mastic associated with 12" x 12" Tan Floor Tile	NAD
SS -11	1711 1st St SW	Rear Office	1' x 1' Pinhole Ceiling Tile	NAD
SS -12	1711 1st St SW	Rear Office	1' x 1' Pinhole Ceiling Tile	NAD
SS -13	1711 1st St SW	2nd Floor Storage Area	Gypsum Ceiling Board	NAD
SS -14	1711 1st St SW	2nd Floor Storage Area	Gypsum Ceiling Board	NAD
SS -15	**1711 1st St SW**	**2nd Floor Storage Area**	**Pipe Insulation**	**50% Chrysotile**
SS -16	1711 1st St SW	2nd Floor Storage Area	Pipe Insulation	N/A
SS -17	1711 1st St SW	2nd Floor Storage Area	Pipe Insulation	N/A
SS -18	1711 1st St SW	Exterior Main Building	White Exterior Window Caulk	NAD
SS -19	**1711 1st St SW**	**Exterior Main Building**	**White Exterior Window Caulk**	**2% Chrysotile**
SSR - 01	1711 1st St SW	Roof	1st Roof Layer (Tar Sheeting)	NAD
SSR - 02	1711 1st St SW	Roof	1st Roof Layer (Tar Sheeting)	NAD
SSR - 03	1711 1st St SW	Roof	2nd Roof Layer (Black Felt Paper)	NAD
SSR - 04	1711 1st St SW	Roof	2nd Roof Layer (Black Felt Paper)	NAD
SSR - 05	1711 1st St SW	Roof	3rd Roof Layer (Asphalte Singles)	NAD
SSR - 06	1711 1st St SW	Roof	3rd Roof Layer (Asphalte Singles)	NAD
SSR - 07	1711 1st St SW	Roof	4th Roof Layer (Black Felt Paper)	NAD
SSR - 08	1711 1st St SW	Roof	4th Roof Layer (Black Felt Paper)	NAD
SSR - 09	1711 1st St SW	Roof	Bottom Roof Layer (Gypsum Board)	NAD
SSR - 10	1711 1st St SW	Roof	Bottom Roof Layer (Gypsum Board)	NAD
SSR - 11	**1711 1st St SW**	**Roof**	**Flashing**	**10% Chrysotile**
SSR - 12	1711 1st St SW	Roof	Flashing	N/A
SSR - 13	**1711 1st St SW**	**Roof**	**Gray Coping Stone Caulk**	**6% Chrysotile**

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TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
SSR - 14	1711 1st St SW	Roof	Gray Coping Stone Caulk	N/A
SSR - 15	1711 1st St SW	Roof	Black Caulk with Silver Paint on Vents and Ducts	NAD
SSR - 16	1711 1st St SW	Roof	Black Caulk with Silver Paint on Vents and Ducts	NAD
2nd and S Streets SW (Akridge Warehouse)				
AW - 01 - A	2nd and S St SW	Warehouse Office	12" x 12" Tan Flecked Floor Tile	NAD
AW - 01 - B	2nd and S St SW	Warehouse Office	Yellow Mastic associated with 12" x 12" Tan Flecked Floor	NAD
AW - 02 - A	2nd and S St SW	Warehouse Office	12" x 12" Tan Flecked Floor Tile	NAD
AW - 02 - B	2nd and S St SW	Warehouse Office	Yellow Mastic associated with 12" x 12" Tan Flecked Floor	NAD
AW - 03 - A	2nd and S St SW	Warehouse Office	4" Black Cove Base	NAD
AW - 03 - B	2nd and S St SW	Warehouse Office	Yellow Mastic associated with 4" Black Cove Base	NAD
AW - 04 - A	2nd and S St SW	Warehouse Office	4" Black Cove Base	NAD
AW - 04 - B	2nd and S St SW	Warehouse Office	Yellow Mastic associated with 4" Black Cove Base	NAD
AW - 05 - A	2nd and S St SW	Warehouse Office	4" Black Cove Base	NAD
AW - 05 - B	2nd and S St SW	Warehouse Office	Brown Mastic associated with 4" Black Cove Base	NAD
AW - 06 - A	2nd and S St SW	Warehouse Office	4" Black Cove Base	NAD
AW - 06 - B	2nd and S St SW	Warehouse Office	Brown Mastic associated with 4" Black Cove Base	NAD
AW - 07	**2nd and S St SW**	**Warehouse Office**	**White Interior Window Glaze**	**2% Chyrsotile**
AW - 08	2nd and S St SW	Warehouse Office	White Interior Window Glaze	N/A
AW - 09	2nd and S St SW	Warehouse Office	Drywall Wallboard	NAD
AW - 10	2nd and S St SW	Warehouse Office	Drywall Wallboard	NAD
AW - 11	2nd and S St SW	Warehouse Office	Drywall Joint Compound	NAD
AW - 12	2nd and S St SW	Warehouse Office	Drywall Joint Compound	NAD
AW - 13	2nd and S St SW	Warehouse Bathroom	2' x 4' White Ceiling Tile with Pinholes and Fissures	NAD
AW - 14	2nd and S St SW	Warehouse Bathroom	2' x 4' White Ceiling Tile with Pinholes and Fissures	NAD
AW - 15	**2nd and S St SW**	**Exterior**	**Exterior White Siding Caulk**	**3% Chyrsotile**
AW - 16	2nd and S St SW	Exterior	Exterior White Siding Caulk	N/A
AW - 17	2nd and S St SW	Exterior	Exterior White Door Caulk	NAD
A W- 18	2nd and S St SW	Exterior	Exterior White Door Caulk	NAD
Potomac Avenue and Half Street SW (Salt Dome)				
SD - 01	Potomac Ave and Half St SW	Roof	Roof Single	NAD

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TABLE 3				
BULK SAMPLING OF SUSPECT ASBESTOS-CONTAINING MATERIALS				
Sample #	**Building**	**Sample Location**	**Material/Description**	**Analytical Results**
SD - 02	Potomac Ave and Half St SW	Roof	Roof Single	NAD
SD - 03	Potomac Ave and Half St SW	Roof	Roof Felt	NAD
SD - 04	Potomac Ave and Half St SW	Roof	Roof Felt	NAD

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ATTACHMENT

TABLE 4
XRF LEAD-BASED PAINT RESULTS

TABLE 4
XRF LEAD BASED PAINT RESULTS

Date	Reading	Location	Room	Side	Substrate	Color	Component	Pb	Pb +/-
9-Jul-15	1	*Standardization*						*N/A*	*N/A*
9-Jul-15	2	*Calibration*						1.01	0.03
9-Jul-15	3	*Calibration*						1.03	0.03
9-Jul-15	4	*Calibration*						1.04	0.04
9-Jul-15	5	1711 1st St SW	Rear Office	A	Concrete	Blue	Wall	0.04	0.02
9-Jul-15	6	1711 1st St SW	Rear Office	A	Concrete	Blue	Wall	0.00	0.00
9-Jul-15	7	1711 1st St SW	Rear Office	A	Concrete	Green	Window Casing	0.08	0.04
9-Jul-15	8	1711 1st St SW	Rear Office	A	Wood	Green	Ceiling	0.07	0.05
9-Jul-15	**9**	**1711 1st St SW**	**Rear Office**	**A**	**Metal**	**Green**	**Window Apron**	**1.00**	**0.06**
9-Jul-15	10	1711 1st St SW	Rear Office	B	Metal	Green	Window Header	0.00	0.00
9-Jul-15	11	1711 1st St SW	Rear Office	C	Metal	Tan	Pipe	0.09	0.05
9-Jul-15	12	1711 1st St SW	Rear Office	C	Metal	Green	Door Casing	0.34	0.05
9-Jul-15	13	1711 1st St SW	Rear Office	D	Wood	Tan	Crown Molding	0.05	0.03
9-Jul-15	14	1711 1st St SW	Rear Bathroom	C	Wood	Green	Door	0.54	0.06
9-Jul-15	15	1711 1st St SW	Rear Bathroom	D	Concrete	Brown	Wall	0.05	0.02
9-Jul-15	16	1711 1st St SW	Electric Room	C	Wood	Tan	Wall	0.07	0.06
9-Jul-15	17	1711 1st St SW	Electric Room	D	Wood	Black	Wall	0.04	0.08
9-Jul-15	18	1711 1st St SW	Electric Room	B	Metal	Red	Door Casing	0.02	0.02
9-Jul-15	19	1711 1st St SW	Electric Room	C	Metal	Tan	Panel	0.02	0.02
9-Jul-15	20	1711 1st St SW	Electric Room	B	Metal	Green	Pipe	0.03	0.02
9-Jul-15	21	1711 1st St SW	Front Office	B	Concrete	Blue	Wall	0.04	0.03
9-Jul-15	22	1711 1st St SW	Front Office	C	Metal	Green	Window Casing	0.00	0.01
9-Jul-15	23	1711 1st St SW	Front Office	B	Wood	Green	Wall	0.13	0.10
9-Jul-15	24	1711 1st St SW	Front Office	D	Wood	Blue	Pipe	0.02	0.03
9-Jul-15	25	1711 1st St SW	Warehouse	A	Metal	Black	Ceiling	0.09	0.14
9-Jul-15	26	1711 1st St SW	Warehouse	B	Metal	Black	Pipe	0.03	0.02
9-Jul-15	27	1711 1st St SW	Warehouse	C	Metal	Black	Pipe	0.03	0.02
9-Jul-15	28	1711 1st St SW	Warehouse	C	Metal	Black	Pipe	0.08	0.04
9-Jul-15	29	1711 1st St SW	Warehouse	A	Metal	Gray	Door	0.00	0.00
9-Jul-15	30	1711 1st St SW	Warehouse	A	Metal	Gray	Door Casing	0.00	0.00
9-Jul-15	31	1711 1st St SW	Warehouse	C	Concrete	Green	Wall	0.06	0.01
9-Jul-15	32	1711 1st St SW	Warehouse	A	Metal	Green	Door	0.01	0.02
9-Jul-15	33	1711 1st St SW	Warehouse	A	Metal	Green	Door Casing	0.00	0.00

Notes: **Bold - Lead Based Paint**
Pb - Lead per mg/cm2

TABLE 4
XRF LEAD BASED PAINT RESULTS

Date	Reading	Location	Room	Side	Substrate	Color	Component	Pb	Pb +/-
9-Jul-15	34	1714 2nd St SW	2nd Floor	B	Plaster	White	Wall	0.00	0.00
9-Jul-15	35	1714 2nd St SW	2nd Floor	B	Plaster	White	Door Casing	0.00	0.01
9-Jul-15	36	1714 2nd St SW	2nd Floor	B	Plaster	White	Door	0.01	0.02
9-Jul-15	37	1714 2nd St SW	2nd Floor	B	Concrete	White	Door	0.00	0.00
9-Jul-15	38	1714 2nd St SW	2nd Floor	B	Concrete	White	Wall	0.00	0.00
9-Jul-15	39	1714 2nd St SW	2nd Floor	B	Wood	Black	Window Casing	0.00	0.00
9-Jul-15	40	1714 2nd St SW	2nd Floor	C	Drywall	White	Wall	0.00	0.00
9-Jul-15	41	1714 2nd St SW	2nd Floor	D	Drywall	White	Wall	0.00	0.00
9-Jul-15	42	1714 2nd St SW	2nd Floor	D	Metal	White	Pipe	0.00	0.00
9-Jul-15	43	1714 2nd St SW	2nd Floor	A	Metal	White	Door Casing	0.00	0.02
9-Jul-15	44	1714 2nd St SW	2nd Floor	A	Metal	White	Door	0.04	0.05
9-Jul-15	45	1714 2nd St SW	2nd Floor	D	Metal	White	Door Casing	0.00	0.00
9-Jul-15	46	1714 2nd St SW	2nd Floor	A	Drywall	Blue	Wall	0.00	0.00
9-Jul-15	47	1714 2nd St SW	2nd Floor	D	Metal	Tan	Door Casing	0.00	0.01
9-Jul-15	48	1714 2nd St SW	2nd Floor	C	Drywall	Blue	Wall	0.00	0.00
9-Jul-15	49	1714 2nd St SW	2nd Floor	D	Metal	Tan	Door	0.01	0.01
9-Jul-15	50	1714 2nd St SW	2nd Floor	D	Metal	Black	Door Casing	0.01	0.01
9-Jul-15	51	1714 2nd St SW	2nd Floor	A	Drywall	White	Wall	0.00	0.00
9-Jul-15	**52**	**1714 2nd St SW**	**2nd Floor**	**B**	**Ceramic**	**White**	**Wall**	**1.00**	**0.04**
9-Jul-15	**53**	**1714 2nd St SW**	**2nd Floor**	**D**	**Ceramic**	**White**	**Wall**	**1.00**	**0.03**
9-Jul-15	54	1714 2nd St SW	2nd Floor	D	Wood	Black	Window Casing	0.02	0.01
9-Jul-15	55	1714 2nd St SW	2nd Floor	D	Wood	White	Window Apron	0.00	0.00
9-Jul-15	**56**	**1714 2nd St SW**	**2nd Floor Bathroom**	**B**	**Ceramic**	**Gray**	**Wall**	**1.00**	**0.02**
9-Jul-15	57	1714 2nd St SW	2nd Floor Bathroom	D	Ceramic	White	Wall	0.06	0.04
9-Jul-15	58	1714 2nd St SW	2nd Floor Bathroom	D	Ceramic	Tan	Floor	0.00	0.00
9-Jul-15	59	1714 2nd St SW	2nd Floor	D	Concrete	Beige	Wall	0.00	0.00
9-Jul-15	60	1714 2nd St SW	2nd Floor	A	Concrete	Brown	Railing	0.06	0.03
9-Jul-15	61	1714 2nd St SW	2nd Floor	C	Metal	Brown	Stair Post	0.02	0.01
9-Jul-15	62	1714 2nd St SW	2nd Floor	D	Metal	Brown	Door Casing	0.03	0.06
9-Jul-15	63	1714 2nd St SW	2nd Floor	D	Metal	Tan	Door	0.02	0.02
9-Jul-15	64	1714 2nd St SW	2nd Floor stairwell	B	Drywall	White	Wall	0.00	0.00
9-Jul-15	65	1714 2nd St SW	2nd Floor stairwell	D	Metal	Brown	Hand Rail	0.01	0.01
9-Jul-15	66	1714 2nd St SW	1st Floor stairwell	A	Concrete	White	Wall	0.00	0.00

Notes: **Bold - Lead Based Paint**
Pb - Lead per mg/cm2

TABLE 4
XRF LEAD BASED PAINT RESULTS

Date	Reading	Location	Room	Side	Substrate	Color	Component	Pb	Pb +/-
9-Jul-15	67	1714 2nd St SW	1st Floor stairwell	A	Metal	Brown	Stair Riser	0.01	0.01
9-Jul-15	68	1714 2nd St SW	1st Floor stairwell	B	Metal	Black	Pipe	0.02	0.01
9-Jul-15	69	1714 2nd St SW	1st Floor stairwell	B	Metal	Brown	Door Casing	0.04	0.06
9-Jul-15	70	1714 2nd St SW	1st Floor stairwell	B	Ceramic	Tan	Floor	0.00	0.00
9-Jul-15	71	1714 2nd St SW	1st Floor stairwell	C	Metal	Black	Door	0.06	0.04
9-Jul-15	72	1714 2nd St SW	1st Floor stairwell	C	Metal	Black	Door Casing	0.00	0.01
9-Jul-15	73	1714 2nd St SW	1st Floor	C	Concrete	Orange	Door Casing	0.00	0.00
9-Jul-15	74	1714 2nd St SW	1st Floor	C	Metal	Black	Door Casing	0.00	0.00
9-Jul-15	75	1714 2nd St SW	1st Floor	D	Drywall	Orange	Wall	0.00	0.00
9-Jul-15	76	1714 2nd St SW	1st Floor	C	Metal	Tan	Door	0.00	0.00
9-Jul-15	77	1714 2nd St SW	Roof	C	Plaster	White	Floor	0.00	0.00
9-Jul-15	78	1714 2nd St SW	1st Floor	C	Drywall	Green	Wall	0.00	0.00
9-Jul-15	79	1714 2nd St SW	1st Floor	B	Metal	Green	Door Casing	0.00	0.00
9-Jul-15	80	1714 2nd St SW	1st Floor	B	Metal	Green	Door	0.00	0.00
9-Jul-15	81	1714 2nd St SW	1st Floor	D	Metal	Green	Window Casing	0.00	0.00
9-Jul-15	82	1714 2nd St SW	1st Floor	A	Drywall	Tan	Wall	0.00	0.00
9-Jul-15	83	1714 2nd St SW	1st Floor	A	Metal	Tan	Door Casing	0.00	0.00
9-Jul-15	84	1714 2nd St SW	1st Floor	A	Metal	Tan	Door	0.00	0.00
9-Jul-15	85	1714 2nd St SW	1st Floor	C	Drywall	Tan	Wall	0.00	0.00
9-Jul-15	86	1714 2nd St SW	1st Floor	C	Metal	Tan	Window Casing	0.00	0.00
9-Jul-15	87	1714 2nd St SW	1st Floor	C	Metal	Tan	Door Casing	0.00	0.00
9-Jul-15	88	1714 2nd St SW	1st Floor	C	Metal	Tan	Door	0.00	0.00
9-Jul-15	89	1714 2nd St SW	1st Floor	D	Metal	Tan	Window Casing	0.00	0.00
9-Jul-15	90	1714 2nd St SW	1st Floor	A	Drywall	Black	Wall	0.00	0.00
9-Jul-15	91	1714 2nd St SW	1st Floor	A	Metal	Black	Window Casing	0.00	0.00
9-Jul-15	92	1714 2nd St SW	1st Floor	A	Concrete	White	Wall	0.00	0.00
9-Jul-15	93	1714 2nd St SW	1st Floor	A	Metal	Beige	Pipe	0.00	0.00
9-Jul-15	94	1714 2nd St SW	1st Floor	B	Concrete	Gray	Wall	0.00	0.00
9-Jul-15	95	1714 2nd St SW	1st Floor	C	Concrete	White	Wall	0.00	0.00
9-Jul-15	96	1714 2nd St SW	1st Floor	B	Concrete	Black	Wall	0.00	0.00
9-Jul-15	97	1714 2nd St SW	1st Floor	B	Drywall	Black	Wall	0.00	0.00
9-Jul-15	98	1714 2nd St SW	1st Floor	D	Concrete	White	Wall	0.00	0.00
9-Jul-15	99	1714 2nd St SW	1st Floor	A	Drywall	White	Wall	0.00	0.00
9-Jul-15	100	1714 2nd St SW	1st Floor	A	Wood	White	Wall	0.00	0.00

Notes: **Bold - Lead Based Paint**
Pb - Lead per mg/cm2

TABLE 4
XRF LEAD BASED PAINT RESULTS

Date	Reading	Location	Room	Side	Substrate	Color	Component	Pb	Pb +/-
9-Jul-15	101	1714 2nd St SW	1st Floor	D	Metal	Green	Door Jamb	0.00	0.00
9-Jul-15	102	1714 2nd St SW	1st Floor	D	Metal	Black	Pipe	0.03	0.02
9-Jul-15	103	1714 2nd St SW	1st Floor	C	Drywall	White	Wall	0.00	0.00
9-Jul-15	104	1714 2nd St SW	1st Floor	A	Metal	Gray	Door Casing	0.00	0.00
9-Jul-15	105	1714 2nd St SW	1st Floor	A	Metal	Gray	Fence	0.00	0.00
9-Jul-15	106	1714 2nd St SW	1st Floor	B	Concrete	White	Wall	0.00	0.00
9-Jul-15	107	1714 2nd St SW	1st Floor	B	Concrete	Black	Wall	0.00	0.00
9-Jul-15	108	1714 2nd St SW	1st Floor	A	Concrete	Black	Wall	0.00	0.00
9-Jul-15	109	1714 2nd St SW	1st Floor	B	Concrete	White	Wall	0.00	0.00
9-Jul-15	110	1714 2nd St SW	1st Floor	B	Metal	White	Door Casing	0.02	0.03
9-Jul-15	111	1714 2nd St SW	1st Floor	B	Metal	Gray	Door	0.00	0.00
9-Jul-15	112	1714 2nd St SW	1st Floor	B	Metal	Tan	Door Casing	0.14	0.04
9-Jul-15	113	1714 2nd St SW	1st Floor	B	Metal	Brown	Door Casing	0.03	0.01
9-Jul-15	114	1714 2nd St SW	1st Floor	B	Drywall	Tan	Wall	0.00	0.00
9-Jul-15	115	1714 2nd St SW	1st Floor	B	Metal	Tan	Door Casing	0.00	0.00
9-Jul-15	116	1714 2nd St SW	1st Floor	D	Metal	Tan	Window Casing	0.00	0.00
9-Jul-15	*118*	*Calibration*						*1.14*	*0.07*
9-Jul-15	*119*	*Calibration*						*1.09*	*0.05*
9-Jul-15	*120*	*Calibration*						*1.08*	*0.04*
9-Jul-15	**121**	**1714 2nd St SW**	**Garage**	**C**	**Concrete**	**Yellow**	**Curb**	**2.50**	**0.21**
9-Jul-15	**122**	**1714 2nd St SW**	**Garage**	**A**	**Concrete**	**Yellow**	**Curb**	**1.95**	**0.17**
9-Jul-15	123	1714 2nd St SW	Garage	B	Concrete	Beige	Wall	0.00	0.00
9-Jul-15	124	1714 2nd St SW	Garage	A	Drywall	Beige	Wall	0.00	0.00
9-Jul-15	125	1714 2nd St SW	Garage	D	Concrete	Beige	Wall	0.00	0.00
9-Jul-15	126	1714 2nd St SW	Garage	B	Metal	Beige	Door Casing	0.03	0.04
9-Jul-15	127	1714 2nd St SW	Garage	B	Drywall	Tan	Wall	0.00	0.00
9-Jul-15	128	1714 2nd St SW	Garage	A	Metal	White	Door	0.01	0.01
9-Jul-15	129	1714 2nd St SW	Garage	A	Concrete	Beige	Wall	0.00	0.00
9-Jul-15	130	1714 2nd St SW	Exterior	D	Stucco	Beige	Wall	0.00	0.00
9-Jul-15	131	1714 2nd St SW	Exterior	B	Stucco	Beige	Wall	0.03	0.05
9-Jul-15	132	1714 2nd St SW	Exterior	D	Metal	Black	Railing	0.00	0.00
9-Jul-15	133	1714 2nd St SW	Exterior	A	Stucco	Beige	Wall	0.00	0.01
9-Jul-15	134	1714 2nd St SW	Exterior	A	Metal	Black	Fence	0.00	0.00
9-Jul-15	135	1714 2nd St SW	Exterior	A	Metal	Black	Fence	0.00	0.00

Notes: **Bold - Lead Based Paint**
Pb - Lead per mg/cm2

TABLE 4
XRF LEAD BASED PAINT RESULTS

Date	Reading	Location	Room	Side	Substrate	Color	Component	Pb	Pb +/-
9-Jul-15	136	1714 2nd St SW	Exterior	B	Metal	Black	Door Casing	0.07	0.02
9-Jul-15	137	1714 2nd St SW	Exterior	B	Metal	Black	Door Casing	0.00	0.00
9-Jul-15	138	1714 2nd St SW	Exterior	C	Metal	Gray	Door	0.00	0.00
9-Jul-15	*118*	*Calibration*						*1.09*	*0.04*
9-Jul-15	*119*	*Calibration*						*1.15*	*0.08*
9-Jul-15	*120*	*Calibration*						*1.07*	*0.04*
17-Jul-15	*2*	*Standardization*						*N/A*	*N/A*
17-Jul-15	*3*	*Calibration*						*1.16*	*0.03*
17-Jul-15	*4*	*Calibration*						*1.16*	*0.03*
17-Jul-15	*5*	*Calibration*						*1.17*	*0.03*
17-Jul-15	6	2nd and S Sts. SW	Exterior	A	Metal	Green	Door	0.03	0.01
17-Jul-15	7	2nd and S Sts. SW	Interior	A	Metal	Gray	Door Casing	0.01	0.00
17-Jul-15	**8**	**2nd and S Sts. SW**	**Exterior**	**A**	**Wood**	**Gray**	**Door Casing**	**1.36**	**0.31**
17-Jul-15	9	2nd and S Sts. SW	Warehouse Office	B	Wood	White	Door	0.08	0.01
17-Jul-15	10	2nd and S Sts. SW	Warehouse Office	B	Wood	Brown	Window	0.07	0.01
17-Jul-15	11	2nd and S Sts. SW	Warehouse Office	B	Wood	Brown	Window Sill	0.00	0.00
17-Jul-15	**12**	**2nd and S Sts. SW**	**Warehouse Office**	**B**	**Wood**	**Brown**	**Window Sash**	**5.00**	**0.24**
17-Jul-15	13	2nd and S Sts. SW	Warehouse	A	Metal	Red	Wall	0.16	0.01
17-Jul-15	14	2nd and S Sts. SW	Warehouse	A	Metal	White	Wall	0.06	0.03
17-Jul-15	*15*	*Calibration*						*1.13*	*0.03*
17-Jul-15	*15*	*Calibration*						*1.12*	*0.03*
17-Jul-15	*16*	*Calibration*						*1.17*	*0.03*

Notes: **Bold - Lead Based Paint**
Pb - Lead per mg/cm2

ATTACHMENT

LABORATORY RESULTS AND CHAINS OF CUSTODY

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 1	2' x 4' Pinhole Fissure Ceiling Tile	None Detected	40% Cellulose 40% Mineral Wool	10% Perlite 10% Other	Tan Fibrous Heterogeneous
1513419PLM_1					Teased
BS - 2	2' x 4' Pinhole Fissure Ceiling Tile	None Detected	40% Cellulose 40% Mineral Wool	10% Perlite 10% Other	Tan Fibrous Heterogeneous
1513419PLM_2					Teased
BS - 3	Yellow/Black Floor Mastic with Gray Compound	None Detected		100% Other	Yellow, Black Non Fibrous Heterogeneous
1513419PLM_3					Dissolved
BS - 4	Yellow/Black Floor Mastic with Gray Compound	None Detected		100% Other	Yellow, Gray Non Fibrous Heterogeneous
1513419PLM_4					Dissolved
BS - 5 - A	12" x 12" Offwhite Floor Tile with Yellow Mastic	3% Chrysotile		97% Other	Cream Non Fibrous Heterogeneous
1513419PLM_5	*tile*				Dissolved
BS - 5 - B	12" x 12" Offwhite Floor Tile with Yellow Mastic	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1513419PLM_71	*mastic*				Dissolved
BS - 6 - A	12" x 12" Offwhite Floor Tile with Yellow Mastic	Not Analyzed			
1513419PLM_6	*tile*				
BS - 6 - B	12" x 12" Offwhite Floor Tile with Yellow Mastic	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1513419PLM_72	*mastic*				Dissolved

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Charmel Dozier (82)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

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Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 7 - A	4" Brown Cove Base with Brown Mastic	**None Detected**		**100% Other**	Brown Non Fibrous Heterogeneous
1513419PLM_7	*cove base*				Dissolved
BS - 7 - B	4" Brown Cove Base with Brown Mastic	**None Detected**		**100% Other**	Brown Non Fibrous Heterogeneous
1513419PLM_73	*mastic*				Dissolved
BS - 8 - A	4" Brown Cove Base with Brown Mastic	**None Detected**		**100% Other**	Brown Non Fibrous Heterogeneous
1513419PLM_8	*cove base*				Dissolved
BS - 8 - B	4" Brown Cove Base with Brown Mastic	**None Detected**		**100% Other**	Brown Non Fibrous Heterogeneous
1513419PLM_74	*mastic*				Dissolved
BS - 9 - A	12" x 12" Tan Floor Tile with Yellow Mastic	**5% Chrysotile**		**95% Other**	Tan Non Fibrous Heterogeneous
1513419PLM_9	*tile*				Dissolved
BS - 9 - B	12" x 12" Tan Floor Tile with Yellow Mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Heterogeneous
1513419PLM_75	*mastic*				Dissolved
BS - 10 - A	12" x 12" Tan Floor Tile with Yellow Mastic	**Not Analyzed**			
1513419PLM_10	*tile*				
BS - 10 - B	12" x 12" Tan Floor Tile with Yellow Mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Heterogeneous
1513419PLM_76	*mastic*				Dissolved

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P-F-002 r15 1/15/2018

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EPA Method: 600/R-93/116 and 600/M4-82-020

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Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 11 / *1513419PLM_11*	Brown Drywall Wallboard	**None Detected**	**20% Cellulose**	**80% Other**	Brown Fibrous Heterogeneous Crushed
BS - 12 / *1513419PLM_12*	Brown Drywall Wallboard	**None Detected**	**20% Cellulose**	**80% Other**	Brown Fibrous Heterogeneous Crushed
BS - 13 / *1513419PLM_13*	Drywall Joint Compound	**2% Chrysotile**		**98% Other**	White Non Fibrous Heterogeneous Crushed
BS - 14 / *1513419PLM_14*	Drywall Joint Compound	**Not Analyzed**			
BS - 15 / *1513419PLM_15*	Gypsum Drywallboard	**None Detected**	**20% Cellulose** **1% Fiber Glass**	**79% Other**	Gray, Tan Fibrous Heterogeneous Crushed
BS - 16 / *1513419PLM_16*	Gypsum Drywallboard *joint compound only*	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous Crushed
BS - 17 / *1513419PLM_17*	Tan Pipe Insulation Wrap with Foil	**None Detected**	**55% Cellulose** **5% Fiber Glass**	**40% Other**	Tan, Silver Fibrous Heterogeneous Ashed
BS - 18 / *1513419PLM_18*	Tan Pipe Insulation Wrap with Foil	**None Detected**	**55% Cellulose** **5% Fiber Glass**	**40% Other**	Tan, Silver Fibrous Heterogeneous Ashed

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P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

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EPA Method: 600/R-93/116 and 600/M4-82-020

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Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 19 / *1513419PLM_19*	Tan Pipe Insulation Wrap with Foil	**None Detected**	**55% Cellulose** **5% Fiber Glass**	**40% Other**	Tan, Silver Fibrous Heterogeneous Ashed
BS - 20 / *1513419PLM_20*	2' x 4' Pinhole Punch Ceiling Tile	**None Detected**	**40% Cellulose** **40% Mineral Wool**	**10% Perlite** **10% Other**	Tan Fibrous Heterogeneous Teased
BS - 21 / *1513419PLM_21*	2' x 4' Pinhole Punch Ceiling Tile	**None Detected**	**40% Cellulose** **40% Mineral Wool**	**10% Perlite** **10% Other**	Tan Fibrous Heterogeneous Teased
BS - 22 - A / *1513419PLM_22*	Black Stair Tread with Yellow Mastic *stair tread*	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous Ashed
BS - 22 - B / *1513419PLM_77*	Black Stair Tread with Yellow Mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Heterogeneous Dissolved
BS - 23 - A / *1513419PLM_23*	Black Stair Tread with Yellow Mastic *stair tread*	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous Ashed
BS - 23 - B / *1513419PLM_78*	Black Stair Tread with Yellow Mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Heterogeneous Dissolved
BS - 24 - A / *1513419PLM_24*	4" Black Cove Base with Yellow/Black Mastics *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous Ashed

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P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190
NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 24 - B / *1513419PLM_79*	4" Black Cove Base with Yellow/Black Mastics / *mixed mastic*	**None Detected**		**100% Other**	Yellow, Brown Non Fibrous Heterogeneous / Dissolved
BS - 25 - A / *1513419PLM_25*	4" Black Cove Base with Yellow/Black Mastics / *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous / Ashed
BS - 25 - B / *1513419PLM_80*	4" Black Cove Base with Yellow/Black Mastics / *mixed mastics*	**None Detected**		**100% Other**	Yellow, Brown Non Fibrous Heterogeneous / Dissolved
BS - 26 / *1513419PLM_26*	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)	**None Detected**	**75% Mineral Wool**	**25% Other**	Gray Fibrous Heterogeneous / Teased
BS - 27 / *1513419PLM_27*	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)	**None Detected**	**75% Mineral Wool**	**25% Other**	Gray Fibrous Heterogeneous / Teased
BS - 28 / *1513419PLM_28*	Brown Pin Mastic of Fiberglass Wall Insulation	**12% Chrysotile**		**88% Other**	Tan Non Fibrous Heterogeneous / Dissolved
BS - 29 / *1513419PLM_29*	Brown Pin Mastic of Fiberglass Wall Insulation	**Not Analyzed**			
BS - 30 / *1513419PLM_30*	White Interior Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous / Dissolved

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Charmel Dozier (82)
Analyst

Approved Signatory

P-F-002 r15 1/15/2018

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By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

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Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 31 / *1513419PLM_31*	White Interior Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous / Dissolved
BS - 32 - A / *1513419PLM_32*	4" White Cove Base with Cream Mastic / *cove base*	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous / Dissolved
BS - 32 - B / *1513419PLM_81*	4" White Cove Base with Cream Mastic / *mastic*	**None Detected**		**100% Other**	Cream Non Fibrous Heterogeneous / Dissolved
BS - 33 - A / *1513419PLM_33*	4" White Cove Base with Cream Mastic / *cove base*	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous / Dissolved
BS - 33 - B / *1513419PLM_82*	4" White Cove Base with Cream Mastic / *mastic*	**None Detected**		**100% Other**	Cream Non Fibrous Heterogeneous / Dissolved
BS - 34 / *1513419PLM_34*	Gray Duct Mastic	**None Detected**		**100% Other**	Gray Non Fibrous Heterogeneous / Dissolved
BS - 35 / *1513419PLM_35*	Gray Duct Mastic	**None Detected**		**100% Other**	Gray Non Fibrous Heterogeneous / Dissolved
BS - 36 / *1513419PLM_36*	HVAC Wrap with Black Mastic	**None Detected**	**60% Cellulose**	**40% Other**	Black, Tan Fibrous Heterogeneous / Ashed

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EPA Method: 600/R-93/116 and 600/M4-82-020

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LAB #173190
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Customer: ECS Chantilly
14026 Thunderbolt Place
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Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 37	HVAC Wrap with Black Mastic	None Detected	60% Cellulose	40% Other	Black, Tan Fibrous Heterogeneous
1513419PLM_37					Ashed
BS - 38	HVAC Wrap with Black Mastic	None Detected	60% Cellulose	40% Other	Black, Tan Fibrous Heterogeneous
1513419PLM_38					Ashed
BS - 39	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_39					Crushed
BS - 40	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_40					Crushed
BS - 41	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_41					Crushed
BS - 42	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_42					Crushed
BS - 43	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_43					Crushed
BS - 44	Exterior Wall Texture	3% Chrysotile		97% Other	Tan Fibrous Heterogeneous
1513419PLM_44					Crushed

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190
NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 45	Exterior Wall Texture	**3% Chrysotile**		**97% Other**	Tan Fibrous Heterogeneous
1513419PLM_45					Crushed
BS - 46	Exteiror White Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous
1513419PLM_46					Dissolved
BS - 47	Exteiror White Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous
1513419PLM_47					Dissolved
BS - 48	Exterior Black Water Proofing	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous
1513419PLM_48					Dissolved
BS - 49	Exterior Black Water Proofing	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous
1513419PLM_49					Dissolved
BS - 50	Exterior Black Water Proofing	**None Detected**		**100% Other**	Black Non Fibrous Heterogeneous
1513419PLM_50					Dissolved
BS - 51	Black Wall Floor Joint Caulk	**None Detected**	**2% Cellulose**	**98% Other**	Black Non Fibrous Heterogeneous
1513419PLM_51					Dissolved
BS - 52	Black Wall Floor Joint Caulk	**None Detected**	**2% Cellulose**	**98% Other**	Black Non Fibrous Heterogeneous
1513419PLM_52					Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 53	Roof - Black Cope Caulk	**10% Chrysotile**		**90% Other**	Black Fibrous Heterogeneous
1513419PLM_53					Dissolved
BS - 54	Roof - Black Cope Caulk	**Not Analyzed**			
1513419PLM_54					
BS - 55	Roof - Black Pitch Pocket	**3% Chrysotile**	**2% Wollastonite**	**95% Other**	Black, White Non Fibrous Heterogeneous
1513419PLM_55					Dissolved
BS - 56	Roof - Black Pitch Pocket	**Not Analyzed**			
1513419PLM_56					
BS - 57	Roof - Top Membrane	**3% Chrysotile**	**3% Fiber Glass** **2% Wollastonite**	**92% Other**	Black, White Non Fibrous Heterogeneous
1513419PLM_57					Dissolved
BS - 58	Roof Middle Membrane	**None Detected**	**35% Cellulose**	**65% Other**	Black Fibrous Heterogeneous
1513419PLM_58					Dissolved
BS - 59	Roof Dense Deck	**None Detected**	**80% Cellulose**	**20% Other**	Brown Fibrous Heterogeneous
1513419PLM_59					Teased
BS - 60	Roof - Bottom Layer	**None Detected**	**30% Cellulose**	**70% Other**	Black Fibrous Heterogeneous
1513419PLM_60					Dissolved

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LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 61	Roof - Black Vent Caulk	2% Chrysotile	8% Cellulose	90% Other	Black, Silver Non Fibrous Heterogeneous
1513419PLM_61					Dissolved
BS - 62	Roof - Black Vent Caulk	Not Analyzed			
1513419PLM_62					
BS - 63	Cement on Flashing	None Detected	10% Cellulose	90% Other	Tan, Gray, Black Non Fibrous Heterogeneous
1513419PLM_63					Dissolved
BS - 64	Cement on Flashing	2% Chrysotile	10% Cellulose	88% Other	Tan, Gray, Black Non Fibrous Heterogeneous
1513419PLM_64					Dissolved
BS - 65	Silver Paint on Vent	3% Chrysotile	2% Cellulose	95% Other	Silver Non Fibrous Heterogeneous
1513419PLM_65					Dissolved
BS - 66	Silver Paint on Vent	Not Analyzed			
1513419PLM_66					
BS - 67	Roof - Top Membrane	2% Chrysotile	5% Fiber Glass 3% Cellulose	90% Other	Black, White Fibrous Heterogeneous
1513419PLM_67					Dissolved
BS - 68	Roof Middle Membrane	15% Chrysotile	15% Cellulose 5% Fiber Glass	65% Other	Black Fibrous Heterogeneous
1513419PLM_68					Dissolved

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P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Bike

Lab Order ID: 1513419
Analysis ID: 1513419_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015
Date Amended: *7/17/2015*

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
BS - 69	Roof Dense Deck	**None Detected**	**80% Cellulose**	**20% Other**	Brown Fibrous Heterogeneous
1513419PLM_69					Teased
BS - 70	Roof - Bottom Layer	**None Detected**	**30% Cellulose**	**70% Other**	Black Fibrous Heterogeneous
1513419PLM_70					Dissolved

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Charmel Dozier (82)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

1513419

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Beverly Sedon	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place, Suite	
Phone:	301-672-2096 (cell)	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	bsedon@ecslimited.com	
		Enter samples between "<<" and ">>"
Project:	37-1524 Bike	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:	**Positive Stop**	*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	37-1524 Bike	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	7/9/2015 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	3 Day TAT	

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1	Sample Description	Data 2
<<			
BS - 1		2' x 4' Pinhole Fissure Ceiling Tile	
BS - 2		2' x 4' Pinhole Fissure Ceiling Tile	
BS - 3		Yellow/Black Floor Mastic with Gray Compound	
BS - 4		Yellow/Black Floor Mastic with Gray Compound	
BS - 5		12" x 12" Offwhite Floor Tile with Yellow Mastic	
BS - 6		12" x 12" Offwhite Floor Tile with Yellow Mastic	
BS - 7		4" Brown Cove Base with Brown Mastic	
BS - 8		4" Brown Cove Base with Brown Mastic	
BS - 9		12" x 12" Tan Floor Tile with Yellow Mastic	
BS - 10		12" x 12" Tan Floor Tile with Yellow Mastic	
BS - 11		Brown Drywall Wallboard	
BS - 12		Brown Drywall Wallboard	
BS - 13		Drywall Joint Compound	
BS - 14		Drywall Joint Compound	
BS - 15		Gypsum Drywallboard	
BS - 16		Gypsum Drywallboard	
BS - 17		Tan Pipe Insulation Wrap with Foil	
BS - 18		Tan Pipe Insulation Wrap with Foil	

Accepted ☑

Rejected ☐

B Mulley 7/10 10A

BS - 19	Tan Pipe Insulation Wrap with Foil
BS - 20	2' x 4' Pinhole Punch Ceiling Tile
BS - 21	2' x 4' Pinhole Punch Ceiling Tile
BS - 22	Black Stair Tread with Yellow Mastic
BS - 23	Black Stair Tread with Yellow Mastic
BS - 24	4" Black Cove Base with Yellow/Black Mastics
BS - 25	4" Black Cove Base with Yellow/Black Mastics
BS - 26	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)
BS - 27	2' x 4' Pinhole with Short Fissure Ceiling Tile (Gray)
BS - 28	Brown Pin Mastic of Fiberglass Wall Insulation
BS - 29	Brown Pin Mastic of Fiberglass Wall Insulation
BS - 30	White Interior Door Caulk
BS - 31	White Interior Door Caulk
BS - 32	4" White Cove Base with Cream Mastic
BS - 33	4" White Cove Base with Cream Mastic
BS - 34	Gray Duct Mastic
BS - 35	Gray Duct Mastic
BS - 36	HVAC Wrap with Black Mastic
BS - 37	HVAC Wrap with Black Mastic
BS - 38	HVAC Wrap with Black Mastic
BS - 39	Exterior Wall Texture
BS - 40	Exterior Wall Texture
BS - 41	Exterior Wall Texture
BS - 42	Exterior Wall Texture
BS - 43	Exterior Wall Texture
BS - 44	Exterior Wall Texture
BS - 45	Exterior Wall Texture
BS - 46	Exteiror White Door Caulk
BS - 47	Exteiror White Door Caulk
BS - 48	Exterior Black Water Proofing
BS - 49	Exterior Black Water Proofing
BS - 50	Exterior Black Water Proofing
BS - 51	Black Wall Floor Joint Caulk
BS - 52	Black Wall Floor Joint Caulk
BS - 53	Roof - Black Cope Caulk
BS - 54	Roof - Black Cope Caulk
BS - 55	Roof - Black Pitch Pocket

1513419

BS - 56	Roof - Black Pitch Pocket
BS - 57	Roof - Top Membrane
BS - 58	Roof Middle Membrane
BS - 59	Roof Dense Deck
BS - 60	Roof - Bottom Layer
BS - 61	Roof - Black Vent Caulk
BS - 62	Roof - Black Vent Caulk
BS - 63	Cement on Flashing
BS - 64	Cement on Flashing
BS - 65	Silver Paint on Vent
BS - 66	Silver Paint on Vent
BS - 67	Roof - Top Membrane
BS - 68	Roof Middle Membrane
BS - 69	Roof Dense Deck
BS - 70	Roof - Bottom Layer

>>

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Salt Dome

Lab Order ID: 1513420
Analysis ID: 1513420_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
SD-1	Roof Shingle	**None Detected**	**15% Fiber Glass**	**85% Other**	Gray, Black Non Fibrous Heterogeneous
1513420PLM_1					Dissolved
SD-2	Roof Shingle	**None Detected**	**15% Fiber Glass**	**85% Other**	Gray, Black Non Fibrous Heterogeneous
1513420PLM_2					Dissolved
SD-3	Roof Felt	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous
1513420PLM_3					Dissolved
SD-4	Roof Felt	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous
1513420PLM_4					Dissolved

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Sharon Donald (4)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

1513420

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Beverly Sedon	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place, Suite	
Phone:	301-672-2096 (cell)	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	bsedon@ecslimited.com	
		Enter samples between "<<" and ">>"
Project:	37-1524 Salt Dome	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:	**Positive Stop**	*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	37-1524 Salt Dome	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	7/9/2015 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	3 Day TAT	

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1	Sample Description	Data 2
<<			
SD-1		Roof Shingle	
SD-2		Roof Shingle	
SD-3		Roof Felt	
SD-4		Roof Felt	
>>			

Accepted ☑

Rejected ☐

B Hulley 7/10 10A

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190
NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Salvage

Lab Order ID: 1513421
Analysis ID: 1513421_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ss -1 - A	9" x 9" Gray Floor Tile with Black Mastic	**5% Chrysotile**		**95% Other**	Gray Non Fibrous Heterogeneous
1513421PLM_1	*tile*				Dissolved
ss -1 - B	9" x 9" Gray Floor Tile with Black Mastic	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous
1513421PLM_20	*mastic*				Dissolved
ss -2	9" x 9" Gray Floor Tile with Black Mastic	**Not Analyzed**			
1513421PLM_2	*tile only*				
ss -3	1' x 1' White Flat Ceiling Tile	**None Detected**	**85% Cellulose**	**15% Other**	Brown, Orange Fibrous Heterogeneous
1513421PLM_3					Teased
ss -4	1' x 1' White Flat Ceiling Tile	**None Detected**	**85% Cellulose**	**15% Other**	Brown, Orange Fibrous Heterogeneous
1513421PLM_4					Teased
ss -5	Gray Interior Window Caulk	**4% Chrysotile**		**96% Other**	Gray Non Fibrous Homogeneous
1513421PLM_5					Dissolved
ss -6	Gray Interior Window Caulk	**Not Analyzed**			
1513421PLM_6					
ss -7	White Interior Window Glaze	**2% Chrysotile**		**98% Other**	White Non Fibrous Homogeneous
1513421PLM_7					Dissolved

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Sharon Donald (23)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190
NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Salvage

Lab Order ID: 1513421
Analysis ID: 1513421_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ss -8 / *1513421PLM_8*	White Interior Window Glaze	**Not Analyzed**			
ss -9 / *1513421PLM_9*	12" x 12" Tan Floor Tile with Black Mastic / *tile - insufficient mastic*	**2% Chrysotile**		**98% Other**	Tan Non Fibrous Heterogeneous Dissolved
ss -10 - A / *1513421PLM_10*	12" x 12" Tan Floor Tile with Black Mastic / *tile #1*	**Not Analyzed**			
ss -10 - B / *1513421PLM_21*	12" x 12" Tan Floor Tile with Black Mastic / *brown mastic*	**None Detected**		**100% Other**	Brown Non Fibrous Homogeneous Dissolved
ss -10 - C / *1513421PLM_22*	12" x 12" Tan Floor Tile with Black Mastic / *tile #2*	**5% Chrysotile**		**95% Other**	Gray Non Fibrous Heterogeneous Dissolved
ss -10 - D / *1513421PLM_23*	12" x 12" Tan Floor Tile with Black Mastic / *black mastic*	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Dissolved
ss -11 / *1513421PLM_11*	1' x 1' Pinhole Ceiling Tile	**None Detected**	**85% Cellulose**	**15% Other**	Brown, Green Fibrous Heterogeneous Teased
ss -12 / *1513421PLM_12*	1' x 1' Pinhole Ceiling Tile	**None Detected**	**85% Cellulose**	**15% Other**	Brown, Green Fibrous Heterogeneous Teased

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Sharon Donald (23)
Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

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LAB #173190

NVLAP Lab Code: 200664-0

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Chantilly VA 20151

Attn: Beverly Sedon

Project: 37-1524 Salvage

Lab Order ID: 1513421
Analysis ID: 1513421_PLM
Date Received: 7/10/2015
Date Reported: 7/13/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ss -13 / *1513421PLM_13*	Gypsum Ceiling Board	**None Detected**	**10% Cellulose**	**90% Gypsum**	Brown, White Fibrous Heterogeneous Teased
ss -14 / *1513421PLM_14*	Gypsum Ceiling Board	**None Detected**	**10% Cellulose**	**90% Gypsum**	Brown, White Fibrous Heterogeneous Teased
ss -15 / *1513421PLM_15*	Pipe Insulation	**50% Chrysotile**	**30% Cellulose**	**20% Other**	Brown, White Fibrous Heterogeneous Teased
ss -16 / *1513421PLM_16*	Pipe Insulation	**Not Analyzed**			
ss -17 / *1513421PLM_17*	Pipe Insulation	**Not Analyzed**			
ss -18 / *1513421PLM_18*	White Exterior Window Caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous Crushed
ss -19 / *1513421PLM_19*	White Exterior Window Caulk	**2% Chrysotile**		**98% Other**	Gray, White Non Fibrous Heterogeneous Crushed

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Sharon Donald (23)
Analyst

Approved Signatory

P-F-002 r15 1/15/2018

151342

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Beverly Sedon	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place, Suite	
Phone:	301-672-2096 (cell)	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	bsedon@ecslimited.com	
		Enter samples between "<<" and ">>"
Project:	37-1524 Salvage	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:	**Positive Stop**	*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	37-1524 Salvage	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	7/9/2015 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	3 Day TAT	

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1	Sample Description	Data 2
<<			
ss -1		9" x 9" Gray Floor Tile with Black Mastic	
ss -2		9" x 9" Gray Floor Tile with Black Mastic	
ss -3		1' x 1' White Flat Ceiling Tile	
ss -4		1' x 1' White Flat Ceiling Tile	
ss -5		Gray Interior Window Caulk	
ss -6		Gray Interior Window Caulk	
ss -7		White Interior Window Glaze	
ss -8		White Interior Window Glaze	
ss -9		12" x 12" Tan Floor Tile with Black Mastic	
ss -10		12" x 12" Tan Floor Tile with Black Mastic	
ss -11		1' x 1' Pinhole Ceiling Tile	
ss -12		1' x 1' Pinhole Ceiling Tile	
ss -13		Gypsum Ceiling Board	
ss -14		Gypsum Ceiling Board	
ss -15		Pipe Insulation	
ss -16		Pipe Insulation	
ss -17		Pipe Insulation	
ss -18		White Exterior Window Caulk	

Accepted ☑

Rejected ☐

B Hulley 7/10 10A

ss -19

White Exterior Window Caulk

>>

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

AIHA LAP, LLC ACCREDITED LABORATORY
LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Akridge Warehouse

Lab Order ID: 1514045
Analysis ID: 1514045_PLM
Date Received: 7/20/2015
Date Reported: 7/22/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
A - 01 - A / *1514045PLM_1*	12" x 12" Tan Flecked Floor Tile with Yellow Mastic / *tile*	**None Detected**		**100% Other**	Tan Non Fibrous Homogeneous Dissolved
A - 01 - B / *1514045PLM_21*	12" x 12" Tan Flecked Floor Tile with Yellow Mastic / *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
A - 02 - A / *1514045PLM_2*	12" x 12" Tan Flecked Floor Tile with Yellow Mastic / *tile*	**None Detected**		**100% Other**	Tan Non Fibrous Homogeneous Dissolved
A - 02 - B / *1514045PLM_22*	12" x 12" Tan Flecked Floor Tile with Yellow Mastic / *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
A - 03 - A / *1514045PLM_3*	4" Black Cove Base with Yellow Mastic / *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Ashed, Dissolved
A - 03 - B / *1514045PLM_23*	4" Black Cove Base with Yellow Mastic / *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
A - 04 - A / *1514045PLM_4*	4" Black Cove Base with Yellow Mastic / *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Ashed, Dissolved
A - 04 - B / *1514045PLM_24*	4" Black Cove Base with Yellow Mastic / *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved

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Philip Szabo (26)
Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Akridge Warehouse

Lab Order ID: 1514045
Analysis ID: 1514045_PLM
Date Received: 7/20/2015
Date Reported: 7/22/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
A - 05 - A / *1514045PLM_5*	4" Black Cove Base with Brown Mastic / *cove base*	**None Detected**		**100% Other**	White Non Fibrous Homogeneous / Ashed, Dissolved
A - 05 - B / *1514045PLM_25*	4" Black Cove Base with Brown Mastic / *mastic*	**None Detected**		**100% Other**	Brown Non Fibrous Homogeneous / Dissolved
A - 06 - A / *1514045PLM_6*	4" Black Cove Base with Brown Mastic / *cove base*	**None Detected**		**100% Other**	White Non Fibrous Homogeneous / Ashed, Dissolved
A - 06 - B / *1514045PLM_26*	4" Black Cove Base with Brown Mastic / *mastic*	**None Detected**		**100% Other**	Brown Non Fibrous Homogeneous / Dissolved
A - 07 / *1514045PLM_7*	White Interior Window Glaze	**2% Chrysotile**		**98% Other**	White Non Fibrous Homogeneous / Dissolved
A - 08 / *1514045PLM_8*	White Interior Window Glaze	**Not Analyzed**			
A - 09 / *1514045PLM_9*	Drywall Wallboard	**None Detected**	**3% Cellulose**	**97% Other**	White Non Fibrous Homogeneous / Dissolved
A - 10 / *1514045PLM_10*	Drywall Wallboard	**None Detected**	**3% Cellulose**	**97% Other**	White Non Fibrous Homogeneous / Dissolved

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EPA Method: 600/R-93/116 and 600/M4-82-020

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Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Akridge Warehouse

Lab Order ID: 1514045
Analysis ID: 1514045_PLM
Date Received: 7/20/2015
Date Reported: 7/22/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
A - 11	Drywall Joint Compound	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
1514045PLM_11					Dissolved
A - 12	Drywall Joint Compound	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
1514045PLM_12					Dissolved
A - 13	2' x 4' White Ceiling Tile with Pinholes and Fissures	**None Detected**	**45% Cellulose** **15% Fiber Glass** **10% Mineral Wool**	**15% Perlite** **15% Other**	White Fibrous Homogeneous
1514045PLM_13					Dissolved
A - 14	2' x 4' White Ceiling Tile with Pinholes and Fissures	**None Detected**	**45% Cellulose** **15% Fiber Glass** **10% Mineral Wool**	**15% Perlite** **15% Other**	White Fibrous Homogeneous
1514045PLM_14					Dissolved
A - 15	Exterior White Siding Caulk	**3% Chrysotile**		**97% Other**	White Non Fibrous Homogeneous
1514045PLM_15					Ashed, Dissolved
A - 16	Exterior White Siding Caulk	**Not Analyzed**			
1514045PLM_16					
A - 17	Exterior White Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
1514045PLM_17					Ashed, Dissolved
A - 18	Exterior White Door Caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
1514045PLM_18					Ashed, Dissolved

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EPA Method: 600/R-93/116 and 600/M4-82-020

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LAB #173190

NVLAP Lab Code: 200664-0

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14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Akridge Warehouse

Lab Order ID: 1514045
Analysis ID: 1514045_PLM
Date Received: 7/20/2015
Date Reported: 7/22/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
Don't Not Analyze	Composite (A09 and A11)	**Not Analyzed**			
1514045PLM_19					
Don't Not Analyze	Composite (A10 and A12)	**Not Analyzed**			
1514045PLM_20					

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Philip Szabo (26)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Michael Hamill	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place,	
Phone:	(703)-471-8400	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	mhamill@ecslimited.com	***Enter samples between "<<" and ">>"***
Project:	1549-A	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:	**POSITIVE STOP**	*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	1549-A/ Akridge Warehous	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	7/17/2015 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	72 hr TAT	

1514045

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Sample Description	Data 2
<<		
A - 01	12" x 12" Tan Flecked Floor Tile with Yellow Mastic	Office Area
A - 02	12" x 12" Tan Flecked Floor Tile with Yellow Mastic	Office Area
A - 03	4" Black Cove Base with Yellow Mastic	Office Area
A - 04	4" Black Cove Base with Yellow Mastic	Office Area
A - 05	4" Black Cove Base with Brown Mastic	Office Area
A - 06	4" Black Cove Base with Brown Mastic	Office Area
A - 07	White Interior Window Glaze	Office Area
A - 08	White Interior Window Glaze	Office Area
A - 09	Drywall Wallboard	Office Area
A - 10	Drywall Wallboard	Office Area
A - 11	Drywall Joint Compound	Office Area
A - 12	Drywall Joint Compound	Office Area
A - 13	2' x 4' White Ceiling Tile with Pinholes and Fissures	Bathroom
A - 14	2' x 4' White Ceiling Tile with Pinholes and Fissures	Bathroom
A - 15	Exterior White Siding Caulk	Exterior
A - 16	Exterior White Siding Caulk	Exterior
A - 17	Exterior White Door Caulk	Exterior
A - 18	Exterior White Door Caulk	Exterior
Don't Not Analyze	Composite (A09 and A11)	Office Area
Don't Not Analyze	Composite (A10 and A12)	Office Area
>>		

Accepted ☑

Rejected ☐

7/20

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Super Salvage Ro

Lab Order ID: 1514048
Analysis ID: 1514048_PLM
Date Received: 7/20/2015
Date Reported: 7/23/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
SSR - 01	1st Roof Layer (Tar Sheeting)	None Detected		100% Other	Black, Silver Non Fibrous Heterogeneous
1514048PLM_1					Dissolved
SSR - 02	1st Roof Layer (Tar Sheeting)	None Detected	15% Synthetic Fibers	85% Other	Black, Gray, Silver Fibrous Heterogeneous
1514048PLM_2					Dissolved, Teased
SSR - 03	2nd Roof Layer (Black Felt Paper)	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
1514048PLM_3					Dissolved, Teased
SSR - 04	2nd Roof Layer (Black Felt Paper)	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
1514048PLM_4					Dissolved, Teased
SSR - 05	3rd Roof Layer (Asphalte Singles)	None Detected	20% Fiber Glass	80% Other	Black, Gray Fibrous Heterogeneous
1514048PLM_5					Dissolved, Teased
SSR - 06	3rd Roof Layer (Asphalte Singles)	None Detected	30% Cellulose	70% Other	Black, Gray Fibrous Heterogeneous
1514048PLM_6					Dissolved, Teased
SSR - 07	4th Roof Layer (Black Felt Paper)	None Detected	50% Cellulose	50% Other	Black Fibrous Heterogeneous
1514048PLM_7					Dissolved, Teased
SSR - 08	4th Roof Layer (Black Felt Paper)	None Detected	50% Cellulose	50% Other	Black Fibrous Heterogeneous
1514048PLM_8					Dissolved, Teased

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Bethany Nichols (16)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

LAB #173190

NVLAP Lab Code: 200664-0

Customer: ECS Chantilly
14026 Thunderbolt Place
Suite 100
Chantilly VA 20151

Attn: Michael Hamill

Project: 1549-A/ Super Salvage Ro

Lab Order ID: 1514048
Analysis ID: 1514048_PLM
Date Received: 7/20/2015
Date Reported: 7/23/2015

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
SSR - 09	Bottom Roof Layer (Gypsum Board)	**None Detected**	**5% Cellulose**	**95% Other**	Gray, Black Non Fibrous Heterogeneous
1514048PLM_9					Crushed, Dissolved
SSR - 10	Bottom Roof Layer (Gypsum Board)	**None Detected**	**5% Cellulose**	**95% Other**	Gray, Black Non Fibrous Heterogeneous
1514048PLM_10					Crushed, Dissolved
SSR - 11	Gray Copping Stone Caulk	**10% Chrysotile**	**10% Cellulose**	**80% Other**	Black Fibrous Heterogeneous
1514048PLM_11					Dissolved, Teased
SSR - 12	Gray Copping Stone Caulk	**Not Analyzed**			
1514048PLM_12					
SSR - 13	Black Caulk with Silver Paint on Vents and Ducts	**6% Chrysotile**		**94% Other**	Black Non Fibrous Homogeneous
1514048PLM_13					Dissolved
SSR - 14	Black Caulk with Silver Paint on Vents and Ducts	**Not Analyzed**			
1514048PLM_14					
SSR - 15		**None Detected**		**100% Other**	Silver, Black Non Fibrous Heterogeneous
1514048PLM_15	*not on coc*				Dissolved
SSR - 16		**None Detected**	**20% Synthetic Fibers**	**80% Other**	Black, Gray, Silver Fibrous Heterogeneous
1514048PLM_16	*not on coc*				Dissolved, Teased

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Bethany Nichols (16)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Michael Hamill	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place,	
Phone:	(703)-471-8400	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	mhamill@ecslimited.com	***Enter samples between "<<" and ">>"***
Project:	1549-A	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:	**POSITIVE STOP**	*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	1549-A/ Super Salvage Ro	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	7/17/2015 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	72 hr TAT	

1514048

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Sample Description	Data 2
<<		
SSR - 01	1st Roof Layer (Tar Sheeting)	Super Salvage Roof
SSR - 02	1st Roof Layer (Tar Sheeting)	Super Salvage Roof
SSR - 03	2nd Roof Layer (Black Felt Paper)	Super Salvage Roof
SSR - 04	2nd Roof Layer (Black Felt Paper)	Super Salvage Roof
SSR - 05	3rd Roof Layer (Asphalte Singles)	Super Salvage Roof
SSR - 06	3rd Roof Layer (Asphalte Singles)	Super Salvage Roof
SSR - 07	4th Roof Layer (Black Felt Paper)	Super Salvage Roof
SSR - 08	4th Roof Layer (Black Felt Paper)	Super Salvage Roof
SSR - 09	Bottom Roof Layer (Gypsum Board)	Super Salvage Roof
SSR - 10	Bottom Roof Layer (Gypsum Board)	Super Salvage Roof
SSR - 11	Gray Copping Stone Caulk	Super Salvage Roof
SSR - 12	Gray Copping Stone Caulk	Super Salvage Roof
SSR - 13	Black Caulk with Silver Paint on Vents and Ducts	Super Salvage Roof
SSR - 14	Black Caulk with Silver Paint on Vents and Ducts	Super Salvage Roof
>>		

Accepted ☑

Rejected ☐

7.20

ATTACHMENT
GENERATOR ID FORMS (8700-12)

OMB# 2050-0024; Expires 01/31/2017

SEND COMPLETED FORM TO: The Appropriate State or Regional Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal MARK ALL BOX(ES) THAT APPLY	**Reason for Submittal:** ☐ To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location) ☐ To provide a Subsequent Notification (to update site identification information for this location) ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____) ☐ As a component of the Hazardous Waste Report (If marked, see sub-bullet below) ☐ Site was a TSD facility and/or generator of >1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)
2. Site EPA ID Number	**EPA ID Number** ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___
3. Site Name	**Name:**
4. Site Location Information	**Street Address:** **City, Town, or Village:** / **County:** **State:** / **Country:** / **Zip Code:**
5. Site Land Type	☐ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other
6. NAICS Code(s) for the Site (at least 5-digit codes)	**A.** ___ ___ ___ ___ ___ ___ **C.** ___ ___ ___ ___ ___ ___ **B.** ___ ___ ___ ___ ___ ___ **D.** ___ ___ ___ ___ ___ ___
7. Site Mailing Address	**Street or P.O. Box:** **City, Town, or Village:** **State:** / **Country:** / **Zip Code:**
8. Site Contact Person	**First Name:** / **MI:** / **Last:** **Title:** **Street or P.O. Box:** **City, Town or Village:** **State:** / **Country:** / **Zip Code:** **Email:** **Phone:** / **Ext.:** / **Fax:**
9. Legal Owner and Operator of the Site	**A. Name of Site's Legal Owner:** / **Date Became Owner:** **Owner Type:** ☐ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other **Street or P.O. Box:** **City, Town, or Village:** / **Phone:** **State:** / **Country:** / **Zip Code:** **B. Name of Site's Operator:** / **Date Became Operator:** **Operator Type:** ☐ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

10. Type of Regulated Waste Activity (at your site)
Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-10.

Y ☐ N ☐ **1. Generator of Hazardous Waste**
If "Yes," mark only one of the following – a, b, or c.

☐ a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs/mo.) or more of hazardous waste; **or** Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs/mo) of acute hazardous waste; **or** Generates, in any calendar month, **or** accumulates at any time, more than 100 kg/mo (220 lbs/mo) of acute hazardous spill cleanup material.

☐ b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs/mo) of non-acute hazardous waste.

☐ c. CESQG: Less than 100 kg/mo (220 lbs/mo) of non-acute hazardous waste.

If "Yes" above, indicate other generator activities in 2-10.

Y ☐ N ☐ **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes," provide an explanation in the Comments section.

Y ☐ N ☐ **3. United States Importer of Hazardous Waste**

Y ☐ N ☐ **4. Mixed Waste (hazardous and radioactive) Generator**

Y ☐ N ☐ **5. Transporter of Hazardous Waste**
If "Yes," mark all that apply.

☐ a. Transporter

☐ b. Transfer Facility (at your site)

Y ☐ N ☐ **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.

Y ☐ N ☐ **7. Recycler of Hazardous Waste**

Y ☐ N ☐ **8. Exempt Boiler and/or Industrial Furnace**
If "Yes," mark all that apply.

☐ a. Small Quantity On-site Burner Exemption

☐ b. Smelting, Melting, and Refining Furnace Exemption

Y ☐ N ☐ **9. Underground Injection Control**

Y ☐ N ☐ **10. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities; Complete all parts 1-2.

Y ☐ N ☐ **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes," mark all that apply.**

a. Batteries ☐
b. Pesticides ☐
c. Mercury containing equipment ☐
d. Lamps ☐
e. Other (specify) _____ ☐
f. Other (specify) _____ ☐
g. Other (specify) _____ ☐

Y ☐ N ☐ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

Y ☐ N ☐ **1. Used Oil Transporter**
If "Yes," mark all that apply.

☐ a. Transporter

☐ b. Transfer Facility (at your site)

Y ☐ N ☐ **2. Used Oil Processor and/or Re-refiner**
If "Yes," mark all that apply.

☐ a. Processor

☐ b. Re-refiner

Y ☐ N ☐ **3. Off-Specification Used Oil Burner**

Y ☐ N ☐ **4. Used Oil Fuel Marketer**
If "Yes," mark all that apply.

☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner

☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

❖ You can ONLY Opt into Subpart K if:

- you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
- you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y☐ N☐ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories **See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

☐ **a. College or University**

☐ **b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university**

☐ **c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university**

Y☐ N☐ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

12. Notification of Hazardous Secondary Material (HSM) Activity

Y ☐ N ☐ Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes," you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

14. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)

EPA ID Number |___|___|___|___|___|___|___|___|___|___|___|___|

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ADDENDUM TO THE SITE IDENTIFICATION FORM: NOTIFICATION OF HAZARDOUS SECONDARY MATERIAL ACTIVITY

ONLY fill out this form if:

- You are located in a State that allows you to manage excluded hazardous secondary material (HSM) under 40 CFR 261.2(a)(2)(ii), 261.4(a)(23), (24), or (25) (or state equivalent). See http://www.epa.gov/epawaste/hazard/dsw/statespf.htm for a list of eligible states; **AND**
- You are or will be managing excluded HSM in compliance with 40 CFR 261.2(a)(2)(ii), 261.4(a)(23), (24), or (25) (or state equivalent) or you have stopped managing excluded HSM in compliance with the exclusion(s) and do not expect to manage any amount of excluded HSM under the exclusion(s) for at least one year. Do not include any information regarding your hazardous waste activities in this section.

1. Indicate reason for notification. Include dates where requested.

☐ Facility will begin managing excluded HSM as of _____ (mm/dd/yyyy).

☐ Facility is still managing excluded HSM/re-notifying as required by March 1 of each even-numbered year.

☐ Facility has stopped managing excluded HSM as of _____ (mm/dd/yyyy) and is notifying as required.

2. Description of excluded HSM activity. Please list the appropriate codes and quantities in **short tons** to describe your excluded HSM activity ONLY (do not include any information regarding your hazardous wastes). Use additional pages if more space is needed.

a. Facility code (answer using codes listed in the Code List section of the instructions)	**b. Waste code(s) for HSM**	**c. Estimated short tons of excluded HSM to be managed annually**	**d. Actual short tons of excluded HSM that was managed during the most recent odd-numbered year**	**e. Land-based unit code** (answer using codes listed in the Code List section of the instructions)

3. Facility has financial assurance pursuant to 40 CFR 261.4(a)(24)(vi). (Financial assurance is required for reclaimers and intermediate facilities managing excluded HSM under 40 CFR 261.4(a)(24) and (25))

Y ☐ N ☐ Does this facility have financial assurance pursuant to 40 CFR 261.4(a)(24)(vi)?