HAZARDOUS MATERIALS INVESTIGATION REPORT

FOR THE BUILDING LOCATED AT 1425 NORTH QUINCY STREET ARLINGTON, VIRGINIA 22207

Prepared For:

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AMA Job# 18212

January 25, 2019

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1.0 EXECUTIVE SUMMARY

Aerosol Monitoring & Analysis, Inc. (AMA) was contracted to perform a Hazardous Materials Investigation of the accessible, interior and exterior areas of the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207. The purpose of the investigation was to identify potential hazardous materials such as asbestos-containing materials (ACM), lead containing paint (LCP)/ lead surface coatings, fluorescent light fixtures containing mercury vapor lamps (MVL) and polychlorinated biphenyls (PCB), and other miscellaneous hazardous materials that may be disturbed by the proposed renovation/demolition activities to the Building. Between April 30, 2018 and May 4th, 2018, AMA representatives Mr. Robert Schoennagel, Mr. Jorge Lopez, and Mr. Pat Lashier were on-site to identify and evaluate ACMs, LCP/ lead surface coatings, MVLs, PCBs, and other miscellaneous hazardous materials. In addition, AMA Representatives Mr. Schoennagel, Ms. Jessica Woltemate, and Mr. Anthony Williams were on-site to perform bulk sampling of the suspect asbestos containing roofing materials. Refer to Table 3 (Hazardous Material Room Inventory) and Table 4 (Hazardous Materials Quantities Summary) for a tabular listing of the hazardous materials identified and the quantities assessed during the investigation of the accessible, interior and exterior areas of the Building located at 1425 North Quincy Street, Arlington, Virginia 22207.

1.1 ASBESTOS-CONTAINING MATERIALS

AMA collected ninety-seven (97) bulk samples of suspect ACMs during the hazardous materials investigation completed in May 2018 and the roof asbestos bulk sampling completed in January 2019, which were identified throughout the accessible, interior and exterior areas of the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207. Of the 97 bulk samples collected, eight (8) were identified as containing greater than one percent (>1%) asbestos by polarized light microscopy (PLM) analysis. The EPA and Commonwealth of Virginia have determined that materials containing greater than (>) 1% asbestos are considered asbestos containing materials and must be treated as such.

Based on the results of the hazardous materials investigation completed in May 2018, and the roof asbestos bulk sampling completed in January 2019, AMA collected bulk samples of the following accessible, interior and exterior suspect ACM from the Building located at 1425 North Quincy Street, Arlington, Virginia 22207:

- Drywall
- Drywall Joint Compound
- Plaster
- Ceiling Insulation
- Fiberboard Ceiling Deck
- Mudded Pipe Fitting Insulation
- Tan Baseboard Mastic
- Red Wood Wall Paneling Mastic
- 2’x4’ White Fissured Pinhole Ceiling Tile
- Exterior Window System Caulk
- Exterior Door System Caulk
- 12”x12” White with Gray Streaks Floor Tile
- 18”x18” Black Floor Tile
- Quarry Tile Floor Grout
- Ceramic Tile Floor Grout
- Ceramic Tile Wall Grout
- Ceramic Tile Floor Adhesive
- Tan Carpet Mastic
- Tan Floor Tile Mastic
- Black Floor Tile
- Exterior Window System Glazing
- Roofing Tar Paper

- Built-Up Roofing (Under EPDM Roofing)
- Gypsum Board Roofing Material
- Roofing Tar on Roof Parapet Walls
- EPDM Roofing Seam Tar

The following ACM, which may be disturbed by future renovation/ demolition activities at the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207, were determined to be asbestos containing by laboratory analysis and/or contamination during the hazardous materials investigation completed in May 2018, and the roof asbestos bulk sampling completed in January 2019:

- Drywall Joint Compound (Limited Locations of the Building)
- Drywall Walls (non-ACM drywall walls contaminated by asbestos-containing drywall joint compound)
- Black Floor Tile Mastic
- Mudded Pipe Fitting Insulation
- 12”x12” White with Gray Streaks Floor Tile (non-ACM floor tile contaminated by asbestos-containing black floor tile mastic)

It was observed by AMA at the time of the investigation that certain areas of the Building were inaccessible, which may contain suspect asbestos-containing materials. Therefore, AMA made assumptions on the locations of possible suspect asbestos-containing materials, which may exist in these areas, and they are as follows:

- Assumed asbestos-containing materials within labeled fire doors throughout the Building
- Assumed asbestos-containing pipe and pipe fitting insulation within wall cavities throughout the Building
- Assumed asbestos-containing mastic behind mirrors in the Bathrooms
- Assumed asbestos-containing mastic behind ceramic tiles in the Bathrooms
- Assumed asbestos-containing cloth electric wiring insulation in the Utility Room

Please note the following:

1. The drywall walls and ceilings were determined by laboratory analysis to be non-asbestos containing. However, the drywall joint compound that is applied on the drywall walls in the North side locations of the Building was determined by laboratory analysis to be asbestos containing, and cannot be separated from the drywall walls. Therefore, the drywall walls in these locations are considered contaminated and should be handled and disposed of as ACM, if they will be disturbed by renovation/ demolition activities. Refer to Tables 3 & 4 at the end of this report, which provide the locations of the asbestos-containing drywall joint compound and associated contaminated drywall.

2. AMA made assumptions on the possible location of ACM within inaccessible areas of the Building, as stated above. No destructive/intrusive investigations were conducted at the time of the investigation therefore, additional ACM may be located within inaccessible locations of the Building.
3. AMA had no access to the Warehouse Office (AMA Area #07) at the time of the investigation, Per Arlington County Government representative, Mr. Joseph Witzig. AMA made assumptions on the presence of ACM, based upon similar conditions in other accessible locations of the Building.

1.2 LEAD CONTAINING PAINT & SURFACE COATINGS

A lead containing paint or surface coating is defined as any paint or surface coating where a measurable amount of lead is present. The OSHA does not recognize threshold levels of lead; therefore, the regulations established in the OSHA's "Lead in Construction Standard" (29 CFR 1926.62) must be adhered to during demolition and renovation of components containing lead in detectable amounts, or lead containing components.

One hundred and eighty (180) surfaces finished with suspect lead containing paint (LCP) and surface coatings were tested during the investigation with the use of a Niton XLp 300A X-Ray Fluorescence (XRF) lead-based paint analyzer, Serial #93050. The following components were determined to contain a measurable amount of lead:

- Silver Metal I-Beams
- Black Metal Sprinkler Pipes
- Red Metal Sprinkler Pipe Flange
- White Metal Roll-Up Door
- Light Green Metal Conduit Pipe
- White Metal Handrail
- Gray Metal Handrail
- White Metal Door Casing & Jamb
- Gray Metal Door Casing & Jamb
- White Concrete Stair Riser
- Red Quarry Tile
- Blue Ceramic Wall & Flooring Tile
- Tan Ceramic Wall Tile
- Gray Ceramic Tile Floor
- White Metal Door
- White Metal Door Casing
- White Metal Radiator Cover
- White Metal Pipe
- White Ceramic Sink
- White Ceramic Toilet
- Exterior White CMU Wall
- Exterior Gray Metal Door Lintel
- Exterior Gray Concrete Floor
- Exterior Gray Metal Roll-Up Door
- Exterior White Glazed Brick Wall
- Exterior White Concrete Window Sill
- Exterior Black Metal Window Casing
- Exterior Gray Metal Handrail
- Exterior Gray Metal Handrail Support
- Exterior Gray Metal Door
- Exterior Gray Metal Door Casing
- Exterior Black Metal Pipe
- Exterior White Metal Vent Cover
- Exterior Gray Metal Roof Flashing
- Exterior Brown Metal Roof Drain Cover
- Exterior Brown Metal Vent

- Black Metal Door Casing
- White Wood Shelf & Support
- White Wood Window Casing
- White Wood Window
- Black Plaster Columns
- White Plaster Wall & Ceiling
- White Metal Slop Sink
- Exterior Green Metal Roof Vent Pipe
- Exterior White Concrete Drain
- Exterior Gray Metal Roof Hatch
- Black Plaster Columns
- White Plaster Wall & Ceiling
- White Metal Slop Sink
- Exterior Green Metal Roof Vent

1.3 POLYCHLORINATED BIPHENYL'S

Small capacitors and fluorescent light ballasts manufactured after 1978 have been labeled "NO PCB's" by the manufacturers. Prior to 1978, small capacitors and fluorescent light ballasts were not labeled as to whether they contained PCBs; therefore, all unlabeled capacitors and ballasts are assumed to contain PCBs.

AMA observed "No PCB" labels on a couple of the light fixture ballasts that were inspected at the time of the investigation. As some ballasts were inaccessible at the time of the investigation, each light fixture should be inspected and appropriately disposed of during demolition/ renovation activities. AMA identified approximately 495 light ballasts throughout the Building.

Inside the Utility Room (AMA Area #06), AMA observed suspect (3) suspect PCB oil containing transformers along the West wall. No "No PCB" labeling was observed on the outside of the transformers and no sampling for PCB's was conducted, as the transformer were active at the time of the investigation.

1.4 MERCURY VAPOR LAMPS/THERMOSTATS

Reportable quantities of mercury are often found in fluorescent lamps and thermostats. Because of this fact, the fluorescent lamps located throughout the Building, and a suspect mercury containing thermostat within the hot water heater in the Utility Room, should be considered a hazardous waste for mercury under the Resource Conservation and Recovery Act (RCRA); 40 CFR 261. Based on the observations at the Building, it was determined that there are approximately 705 fluorescent lamps and one (1) suspect mercury containing thermostat. It should be assumed that these lamps and thermostat have mercury levels requiring proper waste disposal and the demolition/renovation contractor must perform TCLP testing to prove otherwise.

Unless Toxic Characteristic Leachate Procedure (TCLP) testing for mercury is performed, the light tubes and suspect mercury containing thermostat should be assumed to exceed the regulatory limit of 0.2 milligrams per liter for mercury. These lamps and thermostat must be disposed of as mercury containing waste unless testing proves otherwise.

1.5 OTHER HAZARDOUS MATERIALS

AMA conducted a visual screening within the accessible, interior and exterior areas of the Building, in order to identify other potentially hazardous materials not previously mentioned in this report. At the time of the investigation, AMA identified suspect oil containing hydraulic door stops and suspect refrigerant containing air conditioning units.

The hazardous materials identified within the Building located at 1425 North Quincy Drive, are listed in the Hazardous Materials Room Inventory (Table 3) and Hazardous Materials Quantities Summary (Table 4).

2.0 METHODOLOGY

2.1 ASBESTOS-CONTANING MATERIALS

2.1.1 SAMPLE COLLECTION

The initial phase of the evaluation for ACM involved the visual evaluation of the accessible, interior and exterior areas of the Building located at 1425 North Quincy Street, in Arlington, Virginia. After reviewing and compiling documentation pertaining to the materials at the Building, a strategy to sample suspect materials was formulated. The sampling involved observing accessible, interior and exterior areas of the Building and collecting bulk samples of suspect materials. Sample results can be found in Table I, which is attached to this report.

Samples were collected with a core bore or utility knife which was driven through the suspect material to the substrate so as to obtain a sample containing each discrete layer. The samples were then placed in sterilized “whirl-pak” bags and assigned unique identifiers, which were recorded on the bags and the bulk survey sampling sheets.

2.1.2 BULK SAMPLE ANALYSIS

Bulk samples were submitted to AMA Analytical Services, Inc. in Lanham, Maryland. AMA Analytical Services, Inc. is accredited by the National Institute of Standards and Technology (NIST) through the National Voluntary Laboratory Accreditation Program (NVLAP #101143) for bulk sample analysis and by the American Industrial Hygiene Association (AIHA #8863.)

Samples of bulk material were analyzed using PLM following the EPA, “Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93-116). PLM is an optical microscopic technique used to distinguish the different types of asbestos fibers by their shape and unique optical properties. The technique is based on the refraction of light from the various crystalline asbestos structures and observing the corresponding color changes through the microscope.

2.1.3 CHAIN OF CUSTODY

A chain of custody form was completed for the bulk samples. The samples were logged in and assigned unique laboratory numbers. Upon completion of analytical services, AMA Analytical Services, Inc. retained the remaining sample materials.

2.2 LEAD CONTAINING PAINT & SURFACE COATINGS

2.2.1 TESTING STRATEGY

The initial phase of the evaluation for LCP and lead surface coatings involved a visual evaluation of painted surfaces. After reviewing and compiling documentation pertaining to the materials at the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207, a strategy to test suspect surfaces was formulated.

2.2.2 XRF TESTING

The investigation was performed using a Niton XLp 300A X-Ray Fluorescence (XRF) lead-based paint analyzer, Serial #93050. This XRF contains a small Cadmium 109 radioactive source that releases radiation when the instrument is pressed flatly against a surface and the operator engages the trigger. If the paint contains lead, the radiation will stimulate the lead atoms to re-emit x-rays that are sensed by a detector in the unit. The XRF then converts these signals to a final reading in milligrams of lead per square centimeter of surface area (mg/cm^2). The Niton XRF is capable of achieving a ninety-five percent (95%) confidence level in the readings.

The XLp features two modes of operation when in use: K+L Mode and Standard Mode. K+L Mode is a quantitative analysis which allows you to determine the statistical confidence of the reading to a 95% confidence level while allowing you to test longer. As stated in the XRF Performance Characteristics Sheet (PCS), Edition No. 1, developed under a contract with the U.S. Department of Housing and Urban Development (HUD), no substrate correction is needed when the XRF is in the K+L Mode. The K+L Mode was used during the course of the investigation.

Calibration of the Niton XLp was conducted in accordance with the manufacturer's instructions. Prior to obtaining readings from suspect surfaces, three (3) calibration readings taken in K+ L Mode were performed on a calibration sheet and recorded. The calibration films used contains approximately 1.0 mg/cm^2 and 0.0 mg/cm^2. If the average of the three calibration readings is within the established tolerance, the unit is working properly. Calibration checks were performed prior to and at the end of the investigation.

2.3 POLYCHLORINATED BIPHENYL'S/ MERCURY

A visual assessment of equipment that may contain hazardous materials was made by AMA throughout accessible, interior and exterior locations of the Building. During the assessment, AMA observed and quantified suspect PCB containing light ballasts and mercury vapor lamps/bulbs associated with fluorescent light fixtures, a suspect mercury containing thermostat within the hot water heater of the Utility Room, and three (3) suspect PCB containing transformers within the Utility Room of the Building. No sampling was performed of the electric fluid within the light fixture ballast equipment or the transformer.

3.0 RESULTS

3.1 ASBESTOS-CONTAINING MATERIALS

AMA collected ninety-seven (97) bulk samples of suspect ACMs during the hazardous materials investigation completed in May 2018 and the roof asbestos bulk sampling completed in January 2019, which were identified throughout the accessible, interior and exterior areas of the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207. Of the 97 bulk samples collected, eight (8) were identified as containing greater than one percent (>1%) asbestos by polarized light microscopy (PLM) analysis. The EPA and Commonwealth of Virginia have determined that materials containing greater than (>) 1% asbestos are considered asbestos containing materials and must be treated as such.

Based on the results of the hazardous materials investigation completed in May 2018, and the roof asbestos bulk sampling completed in January 2019, AMA collected bulk samples of the following accessible, interior and exterior suspect ACM from the Building located at 1425 North Quincy Street, Arlington, Virginia 22207:

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The following ACM, which may be disturbed by future renovation/ demolition activities at the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207, were determined to be asbestos containing by laboratory analysis and/or contamination during the hazardous materials investigation completed in May 2018, and the roof asbestos bulk sampling completed in January 2019:

- Drywall Joint Compound (Limited Locations of the Building)
- Drywall Walls (non-ACM drywall walls contaminated by asbestos-containing drywall joint compound)
- Black Floor Tile Mastic
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It was observed by AMA at the time of the investigation that certain areas of the Building were inaccessible, which may contain suspect asbestos-containing materials. Therefore, AMA made assumptions on the locations of possible suspect asbestos-containing materials, which may exist in these areas, and they are as follows:

- Assumed asbestos-containing materials within labeled fire doors throughout the Building
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- Assumed asbestos-containing mastic behind mirrors in the Bathrooms
- Assumed asbestos-containing mastic behind ceramic tiles in the Bathrooms
- Assumed asbestos-containing cloth electric wiring insulation in the Utility Room

Please note the following:

1. The drywall walls and ceilings were determined by laboratory analysis to be non-asbestos containing. However, the drywall joint compound that is applied on the drywall walls in the North side locations of the Building was determined by laboratory analysis to be asbestos containing, and cannot be separated from the drywall walls. Therefore, the drywall walls in these locations are considered contaminated and should be handled and disposed of as ACM, if they will be disturbed by renovation/ demolition activities. Refer to Tables 3 & 4 at the end of this report, which provide the locations of the asbestos-containing drywall joint compound and associated contaminated drywall
2. AMA made assumptions on the possible location of ACM within inaccessible areas of the Building, as stated above. No destructive/intrusive investigations were conducted at the time of the investigation therefore, additional ACM may be located within inaccessible locations of the Building.

3. AMA had no access to the Warehouse Office (AMA Area #07) at the time of the investigation, Per Arlington County Government representative, Mr. Joseph Witzig. AMA made assumptions on the presence of ACM, based upon similar conditions in other accessible locations of the Building.

The comprehensive table, contained within this report, lists the sample number, the type of material collected, sample location, and the results of the laboratory analysis (See Table 1). For a detailed description of the locations where the bulk samples were collected, refer to the "Bulk Sampling Survey Sheets" located in Appendix A of this report. Asbestos material quantities and locations are located in the attached Hazardous Materials Room Inventory Table 3 and the Total Hazardous Materials Quantities Summary Table 4.

3.2 LEAD CONTAINING PAINT & SURFACE COATINGS

A lead containing paint or surface coating is defined as any paint or surface coating where a measurable amount of lead is present. The OSHA does not recognize threshold levels of lead; therefore, the regulations established in the OSHA's "Lead in Construction Standard" (29 CFR 1926.62) must be adhered to during demolition and renovation of components containing lead in detectable amounts, or lead containing components.

One hundred and eighty (180) surfaces finished with suspect lead containing paint (LCP) and surface coatings were tested during the investigation with the use of a Niton XLp 300A X-Ray Fluorescence (XRF) lead-based paint analyzer, Serial #93050. The following components were determined to contain a measurable amount of lead:

- Silver Metal I-Beams
- Black Metal Sprinkler Pipes
- Red Metal Sprinkler Pipe Flange
- White Metal Roll-Up Door
- Light Green Metal Conduit Pipe
- White Metal Handrail
- Gray Metal Handrail
- White Metal Door Casing & Jamb
- Gray Metal Door Casing & Jamb
- White Concrete Stair Riser
- Red Quarry Tile
- Blue Ceramic Wall & Flooring Tile
- Tan Ceramic Wall Tile
- Gray Ceramic Tile Floor
- White Metal Door
- White Metal Door Casing
- White Metal Radiator Cover
- White Metal Pipe
- Exterior White CMU Wall
- Exterior Gray Metal Door Lintel
- Exterior Gray Concrete Floor
- Exterior Gray Metal Roll-Up Door
- Exterior White Glazed Brick Wall
- Exterior White Concrete Window Sill
- Exterior Black Metal Window Casing
- Exterior Gray Metal Handrail
- Exterior Gray Metal Handrail Support
- Exterior Gray Metal Door
- Exterior Gray Metal Door Casing
- Exterior Black Metal Pipe
- Exterior White Metal Vent Cover
- Exterior Gray Metal Roof Flashing

- White Ceramic Sink
- White Ceramic Toilet
- Black Metal Door Casing
- White Wood Shelf & Support
- White Wood Window Casing
- White Wood Window
- Black Plaster Columns
- White Plaster Wall & Ceiling
- White Metal Slop Sink
- Exterior Green Metal Roof Vent
- Exterior Brown Metal Roof Drain Cover
- Exterior Brown Metal Vent Pipe
- Exterior White Concrete Drain
- Exterior Gray Metal Roof Hatch
- Black Plaster Columns
- White Plaster Wall & Ceiling
- White Metal Slop Sink
- Exterior Green Metal Roof Vent

Refer to the XRF Field Forms for a description of the location of the tests, components tested, color of paint, substrate, condition of paint, and results of the tests located in Appendix B of this report. A LCP is defined as any paint or surface coating where a measurable amount of lead is present. The bolded results on the XRF Field Forms indicate building surfaces/ surface coatings which were determined to have LCP.

3.3 POLYCHLORINATED BIPHENYL'S

Small capacitors and fluorescent light ballasts manufactured after 1978 have been labeled "NO PCB's" by the manufacturers. Prior to 1978, small capacitors and fluorescent light ballasts were not labeled as to whether they contained PCBs; therefore, all unlabeled capacitors and ballasts are assumed to contain PCBs.

AMA observed "No PCB" labels on a couple of the light fixture ballasts that were inspected at the time of the investigation. As some ballasts were inaccessible at the time of the investigation, each light fixture should be inspected and appropriately disposed of during demolition/ renovation activities. AMA identified approximately 495 light ballasts throughout the Building.

Inside the Utility Room (AMA Area #06), AMA observed suspect (3) suspect PCB oil containing transformers along the West wall. No "No PCB" labeling was observed on the outside of the transformers and no sampling for PCB's was conducted, as the transformers were active at the time of the investigation.

3.4 MERCURY VAPOR LAMPS/THERMOSTATS

Reportable quantities of mercury are often found in fluorescent lamps and thermostats. Because of this fact, the fluorescent lamps located throughout the Building, and suspect mercury containing thermostat within the hot water heater in the Utility Room, should be considered a hazardous waste for mercury under the Resource Conservation and Recovery Act (RCRA); 40 CFR 261. Based on the observations at the Building, it was determined that there are approximately 705 fluorescent lamps and one (1) suspect mercury containing thermostat. It should be assumed that these lamps and thermostat have mercury levels requiring proper waste disposal and the demolition contractor must perform TCLP testing to prove otherwise.

Unless Toxic Characteristic Leachate Procedure (TCLP) testing for mercury is performed, the light tubes located throughout the Building and suspect mercury containing thermostat within the hot water heater in the Utility Room, should be assumed to exceed the regulatory limit of 0.2 milligrams per liter for mercury. These lamps and thermostat must be disposed of as mercury containing waste unless testing proves otherwise.

4.0 CONCLUSIONS

4.1 ASBESTOS-CONTAINING MATERIALS

The following ACM, which may be disturbed during the proposed renovation/demolition activities at the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207, were determined to be asbestos containing by laboratory analysis, contamination, and/or assumption during the hazardous materials investigation completed in May 2018, and the roof asbestos bulk sampling completed in January 2019:

- Drywall Joint Compound (Limited Locations of the Building)
- Drywall Walls (non-ACM drywall walls contaminated by asbestos-containing drywall joint compound)
- Black Floor Tile Mastic
- Mudded Pipe Fitting Insulation
- 12”x12” White with Gray Streaks Floor Tile (non-ACM floor tile contaminated by asbestos-containing black floor tile mastic)
- Assumed Pipe & Pipe Fitting Insulation
- Assumed Fire Door Insulation
- Assumed Ceramic Wall Tile Mastic
- Assumed Mirror Mastic
- Assumed Cloth Electric Wiring Insulation

In dealing with asbestos materials during renovation/demolition projects, the Environmental Protection Agency (EPA) regulation 40 CFR Part 61, Subpart M (NESHAP), the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.1101 (Asbestos in Construction Standard) and Commonwealth of Virginia asbestos regulation requirements, Title 54.1, Chapter 5 would be the primary regulations impacting the work.

Within the EPA’s National Emissions Standards for Hazardous Air Pollutants (NESHAP) Asbestos Regulations (40 CFR 61, Subpart M,) Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

The EPA defines a **"friable asbestos material"** as "any material containing greater than one percent asbestos as determined using the method specified in appendix A, subpart F, 40 CFR part 763, section 1, PLM, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure." The mudded pipe fitting insulation, assumed pipe & pipe fitting insulation within wall cavities, and drywall joint compound/associated drywall identified at the Building located at 1425 North Quincy Street, in Arlington, Virginia 22207, are considered friable ACM.

Within the EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAP) Asbestos Regulations (40 CFR 61, Subpart M,) the black floor tile mastic, and contaminated 12"x12" white with gray streaks floor tile, are classified as Category I non-friable ACM. The assumed fire door insulation, assumed ceramic wall tile mastic, assumed mirror mastic, and assumed cloth electric wiring insulation are classified as Category II non-friable ACMs.

OSHA's "Asbestos in Construction Standard" (29 CFR 1926.1101), defines work involving the disturbance of thermal system insulation (TSI) and surfacing materials as Class I work. Abatement of the mudded pipe fitting insulation and assumed pipe & pipe fitting insulation within wall cavities are considered by OSHA to be a Class I removal operation. Disturbance and/or removal of these materials must be performed in accordance with the requirements set forth in 29 CFR 1926.1101 for Class I work.

The asbestos abatement involving the remaining miscellaneous ACMs: drywall joint compound/associated drywall, contaminated 12"x12" white with gray streaks floor tile, black floor tile mastic, assumed fire door insulation, assumed ceramic wall tile mastic, assumed mirror mastic, and assumed cloth electric wiring insulation are considered by OSHA as Class II removal activities. All asbestos abatement of these miscellaneous ACMs must be performed in accordance with the requirements set forth in 29 CFR 1926.1101 for Class II work.

Commonwealth of Virginia asbestos regulation requirements, Title 54.1, Chapter 5 must be adhered to during asbestos abatement. In summary, these requirements include licensing of the abatement contractor, supervisor and workers, posting caution signs, establishing a regulated work area, utilization of personal protective equipment, utilization of a decontamination area, and notifying the Virginia Board of Asbestos Licensing twenty (20) calendar days in advance of an abatement project involving the removal of more than ten linear feet/ 10 square feet of friable ACM.

AMA cautions that additional forms of asbestos may be located within inaccessible areas, such as in wall chases, wet walls, wall cavities, above fixed ceilings, or other inaccessible locations. We have included estimated quantities of such materials within our report and inventory tables, but additional materials may be encountered during renovation/ demolition activities.

4.2 LEAD CONTAINING PAINT & SURFACE COATINGS

For projects, which will disturb lead containing paint and lead surface coatings, the paint must be handled in accordance with the requirements established by the EPA and OSHA. **The OSHA does not recognize threshold levels of lead; therefore, the regulations established in the OSHA's "Lead in Construction Standard" (29 CFR 1926.62) must be adhered to during the demolition and renovation of all painted components.**

There is no federal requirement to remove lead paint prior to renovation/demolition activities, only that painted components be tested to determine the disposal requirements and that contractors be made aware of the existence of any paint containing lead in detectable amounts (lead containing paint, LCP), so their workers can be adequately protected. Regulations established in OSHA's "Lead in Construction Standard" (29 CFR 1926.62), must be adhered to during demolition and renovation of the surfaces finished with paint containing lead in detectable amounts. This standard established the permissible exposure level (PEL) for lead at 50 micrograms per cubic meter ($u g/m^3$) as an eight hour time weighted average (TWA); the action level has been established at 30 $u g/m^3$ as an eight hour TWA. This regulation also requires employers to use engineering controls and special work practices to reduce worker lead exposure to, at, or below the PEL. It also triggers several requirements regarding exposure monitoring, biological monitoring, and employee training when a worker is exposed to airborne lead levels at or above the action level.

Prohibited methods of lead paint removal include: sanding (except with equipment fitted with HEPA filters), burning with an open flame torch, or any methods, which produce uncontrolled dust or fumes. If components are to be removed and disposed of, 40 CFR 261 which is the RCRA, requires that the waste stream be tested by the Toxic Characteristic Leaching Procedure (TCLP) for lead in order to determine if the material must be disposed of as a lead hazardous waste. The waste shall be considered as hazardous when the concentration of lead exceeds 5 parts per million (ppm) by the TCLP. Metal components should be recycled.

4.3 POLYCHLORINATED BIPHENYL'S

AMA observed "No PCB" labels on some of the light fixture ballasts that were inspected at the time of the investigation. As not all ballasts were accessible at the time of the investigation, each light fixture should be inspected and appropriately disposed of during demolition activities. AMA identified approximately 495 light ballasts throughout the Building located at 1425 North Quincy Street, in Arlington, Virginia, 22207.

There are two primary Federal laws that affect the disposal of PCB containing light ballasts, which are as follows:

- Toxic Substances Control Act (TSCA)
- Comprehensive Environmental Response, Compensation and Liability Act of "CERCLA" (Superfund)

The two laws may be conflicting and confusing. TSCA states that it is permissible to dispose of non-leaking ballasts in a sanitary landfill, while Superfund prohibits the disposal of more than one pound of PCB's (approximately 16 ballasts) in a samitary landfill. Prudent policy would follow the more stringent of the two regulations. Under the Superfund laws, PCBs are specifically listed as a hazardous substance. The "release" or "threat of release" of more than one pound of PCBs into the environment triggers a Superfund notification and cleanup requirement.

Even though it is legal to dispose of ballasts in a sanitary landfill, the EPA encourages disposers of large quantities of PCB ballasts to treat them as if they were a regulated waste. The preamble to the May 31, 1979 PCB Final Rule in the Code of Federal Regulations (40 CFR Part 761), makes it clear that the intent of the Small Capacitor disposal rule was intended for "random disposal" in landfills by "householders and other infrequent disposers". In the case of large quantities (greater than 42 ballasts) of small PCB capacitors by commercial and industrial activities, which "pose a somewhat larger environmental risk"; the EPA strongly encourages the voluntary collection and disposal of small PCB capacitors in chemical waste landfills or high temperature incinerators.

In accordance with the EPA under 40 CFR Part 761, the suspect oil filled transformers, within the Utility Room (AMA Area #06), should be assumed as PCB containing unless data can be provided indicating that the transformers do not contain PCB oil. If no data is available, oil testing should be conducted when the transformers are removed from service and de-energized, to determine if PCB's are present.

4.4 MERCURY VAPOR LAMPS/THERMOSTATS

Reportable quantities of mercury are often found in fluorescent lamps and thermostats. Because of this fact, the fluorescent lamps located throughout the Building and suspect mercury containing thermostat in the Utility Room (AMA Area #06), should be considered a hazardous waste for mercury under the Resource Conservation and Recovery Act (RCRA); 40 CFR 261. Based on the observations at the Building, it was determined that there are approximately 705 fluorescent lamps/ bulbs and one (1) suspect mercury containing thermostat. Unless Toxic Characteristic Leachate Procedure (TCLP) testing for mercury is performed, the light tubes/ bulbs and thermostat located at the Building should be assumed to exceed the regulatory limit of 0.2 milligrams per liter for mercury. These lamps/bulbs and thermostat must be disposed of as mercury containing waste unless testing proves otherwise. There are no specific training requirements for MVL removal and packaging; however, all workers should be trained in the hazards of mercury, as well as handling procedures.

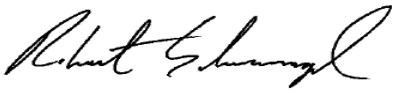
4.5 OTHER HAZARDOUS MATERIALS

The various other hazardous material identified by AMA at the time of the investigation, included suspect oil containing hydraulic door stops and suspect refrigerant containing air conditioning units. AMA identified approximately twenty-two (22) hydraulic door stops and four (4) air conditioning units. The suspect oil containing hydraulic door stops and suspect refrigerant containing air conditioning units should be properly handled and disposed of in accordance with

State, Local, and Federal regulations for such materials, prior to any disturbance and/or leaking of the containers to eliminate the possibility of contaminating environment.

Enclosed, please find copies of the field data sheets and laboratory certificates. If you should have any questions regarding this report, please contact our office at (410) 684-3327.

Sincerely,



Robert Schoennagel, CHMM
Project Manager

TABLE 1: ASBESTOS BULK SAMPLE RESULTS TABLE

TABLE 1
ASBESTOS BULK SAMPLING RESULTS
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Sample Number	Material Sampled	Sample Location	Sample Result
April 30, 2018			
182120430-01	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-02	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-03	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-04	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-05	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-06	Ceiling Insulation	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-07	Ceiling Insulation	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-08	Drywall (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-09	Drywall joint compound (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-10	**Mudded pipe fitting insulation**	**AMA Area #01, Warehouse #2**	**3% Chrysotile**
182120430-11	Drywall (on ceiling)	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-12	Drywall joint compound (on ceiling)	AMA Area #01, Warehouse #2	No Asbestos Detected
182120430-13	Drywall (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-14	Drywall joint compound (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-15	Drywall (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-16	Drywall joint compound (on ceiling)	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-17	Fiberboard ceiling deck	AMA Area #02, Warehouse #1	No Asbestos Detected
182120430-18	**Mudded pipe fitting insulation**	**AMA Area #01, Warehouse #2**	**4% Chrysotile**
182120430-19	**Mudded pipe fitting insulation**	**AMA Area #01, Warehouse #2**	**4% Chrysotile**
182120430-20	2x4 white fissured, pin holed ceiling tile	AMA Area #19, Breakroom	No Asbestos Detected
182120430-21	Tan baseboard mastic	AMA Area #19, Breakroom	No Asbestos Detected
182120430-22	2x4 white fissured, pin holed ceiling tile	AMA Area #21, Open Office	No Asbestos Detected
182120430-23	Tan carpet mastic	AMA Area #21, Open Office	No Asbestos Detected
182120430-24	Tan carpet mastic	AMA Area #20, SNC Office	No Asbestos Detected
182120430-25	Drywall	AMA Area #21, Main Entrance Lobby	No Asbestos Detected
182120430-26	Drywall Joint compound	AMA Area #21, Main Entrance Lobby	No Asbestos Detected
182120430-27	Quarry tile grout	AMA Area #18, Northwest Men's Bathroom	No Asbestos Detected
182120430-28	Plaster	AMA Area #06, Utility Closet	No Asbestos Detected
182120430-29	Fiberboard ceiling deck	AMA Area #06, Utility Closet	No Asbestos Detected

TABLE 1
ASBESTOS BULK SAMPLING RESULTS
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Sample Number	Material Sampled	Sample Location	Sample Result
182120430-30	Black floor tile mastic	AMA Area #01, Warehouse #01	No Asbestos Detected
182120430-31	Plaster	AMA Area #10, Warehouse Custodial Closet	No Asbestos Detected
182120430-32	Drywall	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-33	Drywall Joint compound	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-34	12x12 white with gray streaks floor tile	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-35	12x12 white with gray streaks floor tile	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-36	Quarry tile floor grout	AMA Area #05, Previous Office Space	No Asbestos Detected
182120430-37	Plaster	AMA Area #05, Previous Office Space	No Asbestos Detected
182120430-38	Tan Baseboard mastic	AMA Area #05, Previous Office Space	No Asbestos Detected
182120430-39	Tan Floor tile mastic	AMA Area #05, Previous Office Space	No Asbestos Detected
182120430-40	**Black floor tile mastic**	**AMA Area #02 Warehouse #01**	**4% Chrysotile**
182120430-41	Black floor tile mastic	AMA Area #02 Warehouse #01	No Asbestos Detected
182120430-42	18”x18” Black floor tile	AMA Area #02 Warehouse #01	No Asbestos Detected
182120430-43	18”x18” Black floor tile	AMA Area #02 Warehouse #01	No Asbestos Detected
182120430-44	**Black floor tile mastic**	**AMA Area #02 Warehouse #01**	**5% Chrysotile**
182120430-45	Ceramic tile grout	AMA Area #17, Women’s Bathroom	No Asbestos Detected
182120430-46	Ceramic tile grout	AMA Area #18, Men’s Restroom	No Asbestos Detected
182120430-47	Red wood paneling wall mastic	AMA Area #14, Pre-School Area	No Asbestos Detected
182120430-48	Drywall	AMA Area #14, Pre-School Area	No Asbestos Detected
182120430-49	**Drywall joint compound**	**AMA Area #14, Pre-School Area**	**2% Chrysotile**
182120430-50	Drywall	AMA Area #14, Pre-School Area	No Asbestos Detected
182120430-51	**Drywall joint compound**	**AMA Area #14, Pre-School Area**	**2% Chrysotile**
182120430-52	Drywall	AMA Area #20, SNC Office	No Asbestos Detected
182120430-53	Drywall Joint compound	AMA Area #20, SNC Office	No Asbestos Detected
182120430-54	Mosaic Floor Grout	AMA Area #11, Men’s Restroom	No Asbestos Detected
182120430-55	Mosaic Floor adhesive	AMA Area #11, Men’s Restroom	No Asbestos Detected
182120430-56	Exterior Door System Caulk	Exterior, North Wall	No Asbestos Detected
182120430-57	Exterior Window System Glazing	Exterior, North Wall	No Asbestos Detected
182120430-58	Exterior Window System Caulk	Exterior, West Wall	No Asbestos Detected

TABLE 1
ASBESTOS BULK SAMPLING RESULTS
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Sample Number	Material Sampled	Sample Location	Sample Result
182120430-59	Exterior Door System Caulk	Exterior, West Wall	No Asbestos Detected
182120430-60	Exterior Window System Glazing	Exterior, West Wall	No Asbestos Detected
182120430-61	Exterior window system caulk	Exterior, West Wall	No Asbestos Detected
182120430-62	Drywall	AMA Area #04, Warehouse Office	No Asbestos Detected
182120430-63	Drywall Joint Compound	AMA Area #04, Warehouse Office	No Asbestos Detected
182120430-64	Drywall Joint Compound	AMA Area #02, Warehouse #01	No Asbestos Detected
182120430-65	Drywall Joint Compound	AMA Area #02, Warehouse #01	No Asbestos Detected
182120430-66	Drywall	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-67	Drywall Joint Compound	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-68	Drywall Joint Compound	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-69	Drywall Joint Compound	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-70	Drywall Joint Compound	AMA Area #01, Warehouse #02	No Asbestos Detected
182120430-71	Drywall Joint Compound	AMA Area #13, Open Office	No Asbestos Detected
182120430-72	Drywall Joint Compound	AMA Area #21, Open Office	No Asbestos Detected
182120430-73	**Drywall Joint Compound**	**AMA Area #16, Storage Room**	**2% Chrysotile**
182120430-74	Drywall Joint Compound	AMA Area #22, Main Hallway	No Asbestos Detected
182120430-75	Drywall Joint Compound	AMA Area #21, Open Office	No Asbestos Detected
182120430-76	Drywall Joint Compound	AMA Area #20, SNC office	No Asbestos Detected
182120430-77	Drywall Joint Compound	AMA Area #21, Open Office	No Asbestos Detected
182120430-78	Drywall Joint Compound	AMA Area #21, Open Office	No Asbestos Detected
January 22, 2019			
182120122-01	Black tar paper	NE cut-out, ~20’ from north wall, ~50’ from east wall	No Asbestos Detected
182120122-02	Built-up roofing	NE cut-out, ~20’ from north wall, ~50’ from east wall	No Asbestos Detected
182120122-03	Gypsum	NE cut-out, ~20’ from north wall, ~50’ from east wall	No Asbestos Detected
182120122-04	Black tar paper	Middle parapet wall cut-out, ~15’ from west wall, along middle parapet wall	No Asbestos Detected
182120122-05	Built-up roofing	Middle parapet wall cut-out, ~15’ from west wall, along middle parapet wall	No Asbestos Detected
182120122-06	Gypsum	Middle parapet wall cut-out, ~15’ from west wall, along middle parapet wall	No Asbestos Detected
182120122-07	Black tar paper	NW cut-out, ~10’ from west wall, ~15’ from north wall	No Asbestos Detected
182120122-08	Built-up roofing	NW cut-out, ~10’ from west wall, ~15’ from north wall	No Asbestos Detected

TABLE 1
ASBESTOS BULK SAMPLING RESULTS
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Sample Number	Material Sampled	Sample Location	Sample Result
182120122-09	Gypsum	NW cut-out, ~10’ from west wall, ~15’ from north wall	No Asbestos Detected
182120122-10	Black parapet wall tar	Middle parapet wall cut-out, ~15’ from west wall, along middle parapet wall	No Asbestos Detected
182120122-11	Black tar paper	SW cut-out, ~30’ from south wall, ~20’ from west wall	No Asbestos Detected
182120122-12	Built-up roofing	SW cut-out, ~30’ from south wall, ~20’ from west wall	No Asbestos Detected
182120122-13	Gypsum	SW cut-out, ~30’ from south wall, ~20’ from west wall	No Asbestos Detected
182120122-14	Black tar paper	North parapet wall cut-out, along north parapet wall, ~50’ from east wall	No Asbestos Detected
182120122-15	Built-up roofing	North parapet wall cut-out, along north parapet wall, ~50’ from east wall	No Asbestos Detected
182120122-16	Gypsum	North parapet wall cut-out, along north parapet wall, ~50’ from east wall	No Asbestos Detected
182120122-17	Black parapet wall tar	North parapet wall cut-out, along north parapet wall, ~50’ from east wall	No Asbestos Detected
182120122-18	EPDM roof membrane tar	Base of NE AHU unit, ~40’ from east wall, ~30’ from north wall	No Asbestos Detected
182120122-19	EPDM roof membrane tar	Base of NE AHU unit, ~40’ from east wall, ~30’ from north wall	No Asbestos Detected

TABLE 2: XRF READINGS TABLE

TABLE 2
XRF READINGS TABLE
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Reading #	Location	Color	Component	Substrate	Result (mg/cm^2)
11	Interior warehouse #2	Silver	I-beam	Metal	0.03
13	Interior warehouse #2	Silver	I-beam	Metal	0.05
14	Interior warehouse #2	Black	Sprinkler pipe	Metal	0.01
15	Interior warehouse #2	Red	Flange connecter	Metal	0.01
17	Interior warehouse #2	Siler	I-beam	Metal	0.02
39	Exterior north	White	Wall	CMU	0.01
40	Exterior north	Gray	Door lintel	Metal	0.01
46	Exterior north	Gray	Flooring	Concrete	0.01
47	Exterior north	Gray	Roll-up door	Metal	0.01
48	Exterior north	Aqua	Decorative Block	Concrete	0.01
49	Exterior north	Light Green	Decorative Block	Concrete	0.01
54	Exterior north	White	Glazed brick	Brick	0.02
57	Exterior north	Black	Window casing	Metal	0.5
60	Exterior north	White	Window Sill	Concrete	0.01
61	Exterior north	Gray	Window	Metal	0.3
62	Exterior north	Gray	Window lintel	Metal	0.22
63	Exterior north	Gray	Hand Rail	Metal	0.21
65	Exterior north	Gray	Handrail support	Metal	0.02
66	Exterior north	Gray	Door	Metal	0.4
67	Exterior north	Gray	Door casing	Metal	0.24
68	Exterior west	Gray	Door	Metal	0.3
69	Exterior West	Gray	Door casing	Metal	0.6
71	**Exterior West**	**Black**	**Sprinkler pipe**	**Metal**	**2.5**
75	**Exterior West**	**White**	**Vent cover**	**Metal**	**1.7**
79	Roof	Green	Exhaust vent	Metal	0.01
81	Roof	Brown	Roof drain cover	Metal	0.01
82	Roof	Gray	Roof hatch	Metal	0.04
83	Exterior West	Gray	Flashing	Metal	0.09
87	Exterior West	Brown	Vent Pipe	Metal	0.05
91	Exterior East	White	Drain	Concrete	0.01
101	Interior Warehouse #1	White	Roll-up Door	Metal	0.01
102	Interior Warehouse #1	Gray	Wall	Drywall	0.6
109	Interior East Side Back Room	Light Green	Conduit	Metal	0.12

TABLE 2
XRF READINGS TABLE
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Reading #	Location	Color	Component	Substrate	Result (mg/cm^2)
115	Interior Warehouse #1	White	Hand Rail	Metal	0.02
117	Interior Warehouse #1	White	Door casing	Metal	0.03
118	Interior Warehouse #1	White	Door Jamb	Metal	0.08
121	Interior Warehouse #1	Gray	Hand Rail	Metal	0.06
122	Interior Warehouse #1	White	Door	Metal	0.11
123	Interior Warehouse #1	White	Door Casing	Metal	0.3
124	Interior Warehouse #1	White	Stair riser	Concrete	0.01
126	Interior Warehouse #2	Gray	Door casing	Metal	0.01
127	Interior Warehouse #2	Gray	Door Jamb	Metal	0.02
131	Southwest Room	Red	Floor	Quarry Tile	0.03
138	Interior Warehouse #2	Gray	Door	Metal	0.21
139	Interior Warehouse #2	Gray	Door casing	Metal	0.15
140	Interior Warehouse #2	Gray	Door Jamb	Metal	0.1
141	West Bathroom	Blue	Wall	Ceramic Tile	0.03
143	West Bathroom	Blue	Floor	Ceramic Tile	0.04
144	West Bathroom	White	Sink	Ceramic	0.01
145	West Bathroom	White	Toilet	Ceramic	0.5
148	West Bathroom	White	Wall	CMU	0.02
150	**Custodial Closet**	**White**	**Slop Sink**	**Metal**	**2.2**
151	Interior Warehouse #2 Men's Bathroom	White	Wall	Ceramic Tile	0.02
152	Interior Warehouse #2 Men's Bathroom	White	Urinal	Ceramic	0.28
153	Interior Warehouse #2 Men's Bathroom	White	Sink	Ceramic	0.01
154	**Interior Warehouse #2 Men's Bathroom**	**White**	**Toilet**	**Ceramic**	**1.7**
155	Interior Warehouse #2 Men's Bathroom	Tan	Floor	Ceramic Tile	0.01
157	Interior Warehouse #2 Men's Bathroom	White	Ceiling	Plaster	0.01
158	Interior Warehouse #2 Women's Bathroom	White	Wall	Ceramic Tile	0.01
159	Interior Warehouse #2 Women's Bathroom	White	Sink	Ceramic	0.02
160	Interior Warehouse #2 Women's Bathroom	White	Toilet	Ceramic	0.4

TABLE 2
XRF READINGS TABLE
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

Reading #	Location	Color	Component	Substrate	Result (mg/cm^2)
162	Interior Warehouse #2 Women's Bathroom	Gray	Floor	Ceramic Tile	0.01
164	Warehouse #2	Gray	Hand Rail	Metal	0.08
165	Preschool Area	White	Door	Metal	0.21
166	Preschool Area	White	Door Casing	Metal	0.04
173	Preschool Area	Gray	Floor	Ceramic Tile	0.02
175	Preschool Family Bathroom	Blue	Wall	Ceramic Tile	0.03
176	Front Men's Bathroom by break room	White	Wall	Ceramic Tile	0.02
177	Front Men's Bathroom by break room	Gray	Floor	Ceramic Tile	0.01
178	Front Men's Bathroom by break room	White	Toilet	Ceramic	0.01
179	Front Men's Bathroom by break room	White	Sink	Ceramic	0.01
180	Front Men's Bathroom by break room	White	Radiator Cover	Metal	0.01
183	Break Room	White	Wall	Plaster	0.13
184	Break Room	White	Pipe	Metal	0.1
187	Break Room	White	Window casing	Wood	0.16
188	Break Room	White	Window	Wood	0.09
189	Break Room	White	Ceiling	Plaster	0.1
190	Break Room	White	Shelf	Wood	0.07
191	Break Room	White	Shelf Support	Wood	0.06
194	SNC Office	White	Window	Wood	0.3
197	Middle Carpet Rooms	Black	Column	Plaster	0.04
199	Main Lobby	Black	Door casing	Metal	0.01

- **Bolded Readings - (≥) 1.0 mg/cm^2 - Lead-Based Paint/ Lead Surface Coating**
- Non-Bolded Readings – (<) 1.0 mg/cm^2 Lead Containing Paint/Lead Surface Coating

TABLE 3: HAZARDOUS MATERIALS ROOM INVENTORY TABLE

Table 3 - Hazardous Materials Room Inventory
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
AMA Area 01 (Warehouse #2)					
12"x12" White with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Throughout floor**	**No Asbestos Detected**	**7,000**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**9,600**	**SF**
Mudded pipe fitting insulation	**ACM**	**Along South & West Walls**	**4% Chrysotile**	**5**	**Fittings**
Assumed fire door insulation	**Assumed ACM**	**Northeast/Southwest corners**	**Assumed ACM**	**3**	**Doors**
Assumed pipe and pipe fitting insulation	**Assumed ACM**	**Assumed in west wall/ and southwest corner**	**Assumed ACM**	**50**	**LF**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout	No Asbestos Detected	9,600	SF
Drywall/drywall joint compound	Suspect ACM	Walls throughout	No Asbestos Detected	8,300	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	9,600	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	9,600	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	390	LF
Hydraulic door stops	Suspect Oil Containing	West wall	N/A	1	Unit
Air Conditioning Units	Suspect Refrigerants	South wall at west side	N/A	2	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	160	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	160	Ballasts
AMA Area 02 (Warehouse #1)					
12"x12" White with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Throughout floor**	**No Asbestos Detected**	**6,600**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**7,400**	**SF**
Assumed fire door insulation	**Assumed ACM**	**Northeast/Southwest corners**	**Assumed ACM**	**3**	**Doors**
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed in west wall/ and southwest corner**	**Assumed ACM**	**25**	**LF**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout	No Asbestos Detected	7,400	SF
Drywall/drywall joint compound	Suspect ACM	Walls throughout	No Asbestos Detected	9,200	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	7,400	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	7,400	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	460	LF
Hydraulic door stops	Suspect Oil Containing	North/South walls	N/A	2	Units
Air Conditioning Units	Suspect Refrigerants	South wall at west side	N/A	2	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	125	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	125	Ballasts
AMA Area 03 (Warehouse #1 Northeast Room)					
12"x12" White with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Throughout floor**	**No Asbestos Detected**	**1,515**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**1,515**	**SF**
Assumed fire door insulation	**Assumed ACM**	**Northeast/Southwest corners**	**Assumed ACM**	**4**	**Doors**
18'x18" Black floor tile	Suspect ACM	Throughout floor	No Asbestos Detected	1,515	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	1,515	SF

Table 3 - Hazardous Materials Room Inventory
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above drop ceiling	No Asbestos Detected	1,515	SF
Drywall/drywall joint compound	Suspect ACM	Walls throughout	No Asbestos Detected	5,000	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	1,515	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	1,515	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	220	LF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	60	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	34	Ballasts
AMA Area 04 (Warehouse #1 Southeast Room)					
12"x12" White with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Throughout floor under carpet**	**No Asbestos Detected**	**1,345**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor under carpet**	**4%-5% Chrysotile**	**1,345**	**SF**
Assumed fire door insulation	**Assumed ACM**	**East & West walls**	**Assumed ACM**	**3**	**Doors**
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	1,345	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout	No Asbestos Detected	1,345	SF
Drywall/drywall joint compound	Suspect ACM	Walls throughout	No Asbestos Detected	4,160	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	1,345	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	1,345	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	212	LF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	30	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	30	Ballasts
AMA Area 05 (Previous Office Space)					
Tan floor tile mastic	Suspect ACM	Southeast entrance	No Asbestos Detected	20	SF
Quarry tile floor grout	Suspect ACM	Throughout floor	No Asbestos Detected	220	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	220	SF
Plaster	Suspect ACM	Ceiling throughout	No Asbestos Detected	220	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	220	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	220	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	60	LF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	4	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	4	Ballasts
AMA Area 06 (Utility Room)					
Mudded pipe fitting insulation	**ACM**	**Above plaster ceiling**	**4% Chrysotile**	**3**	**Fittings**
Assumed cloth electric wiring insulation	**Assumed ACM**	**Along West wall in Electric Box**	**Assumed ACM**	**20**	**LF**
Assumed fire door insulation	**Assumed ACM**	**East wall**	**Assumed ACM**	**1**	**Door**
Drywall/drywall joint compound	ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	210	SF
Plaster	Suspect ACM	Ceiling throughout	No Asbestos Detected	210	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	210	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	210	SF
Transformers	Suspect PCB's	West wall	N/A	3	Units
Hydraulic door stops	Suspect Oil Containing	East wall	N/A	1	Unit
Water Heater	Possible Mercury Switch	East Side	N/A	1	Unit
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	4	Bulbs

Table 3 - Hazardous Materials Room Inventory
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	2	Ballasts
AMA Area 07 (Warehouse Office) - No Access at Time of Investigation					
(Assumed) 12"x12" white with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Throughout floor**	**No Asbestos Detected**	**210**	**SF**
(Assumed) Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**210**	**SF**
(Assumed) mudded pipe fitting insulation	**ACM**	**Throughout**	**4% Chrysotile**	**5**	**Fittings**
Assumed fire door insulation	**Assumed ACM**	**East wall**	**Assumed ACM**	**1**	**Door**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	210	SF
Plaster	Suspect ACM	Ceiling throughout	No Asbestos Detected	210	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	210	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	210	SF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	4	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	2	Ballasts
AMA Area 08 (Warehouse Sprinkler Room)					
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**120**	**SF**
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	120	SF
Plaster	Suspect ACM	Above drop ceiling	No Asbestos Detected	120	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	120	SF
Drywall/drywall joint compound	Suspect ACM	Walls throughout	No Asbestos Detected	660	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	120	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	120	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	120	SF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	4	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	2	Ballasts
AMA Area 09 (Warehouse Restroom)					
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North & East walls**	**Assumed ACM**	**40**	**LF**
Assumed fire door insulation	**Assumed ACM**	**South wall**	**Assumed ACM**	**1**	**Door**
Assumed ceramic wall tile mastic	**Assumed ACM**	**Walls throughout**	**Assumed ACM**	**70**	**SF**
Plaster	Suspect ACM	West wall & ceiling	No Asbestos Detected	100	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	100	SF
Ceramic tile grout	Suspect ACM	Walls & flooring throughout	No Asbestos Detected	100	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	30	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	30	SF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	2	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	2	Ballasts
AMA Area 10 (Warehouse Custodial Closet)					
12"x12" White with gray streaks floor tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	**Contaminated ACM**	**Floor throughout**	**No Asbestos Detected**	**20**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**20**	**SF**
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North wall**	**Assumed ACM**	**20**	**LF**

Table 3 - Hazardous Materials Room Inventory
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Plaster	Suspect ACM	Throughout ceiling	No Asbestos Detected	20	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	20	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	20	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	20	SF
AMA Area 11 (Warehouse Men's Bathroom)					
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North & South walls**	**Assumed ACM**	**80**	**LF**
Assumed mirror mastic	**Assumed ACM**	**Assumed on North wall behind mirror**	**Assumed ACM**	**12**	**SF**
Assumed ceramic wall tile mastic	**Assumed ACM**	**Walls throughout**	**Assumed ACM**	**480**	**SF**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout bove plaster ceiling	No Asbestos Detected	120	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	120	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	120	SF
Plaster	Suspect ACM	Walls & ceiling throughout	No Asbestos Detected	780	SF
Ceramic tile grout	Suspect ACM	Walls & flooring throughout	No Asbestos Detected	600	SF
Drywall	Suspect ACM	Shower walls	No Asbestos Detected	130	SF
Tan baseboard mastic	Suspect ACM	North wall	No Asbestos Detected	16	LF
Hydraulic door stops	Suspect Oil Containing	East walls	N/A	2	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	6	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	3	Ballasts
AMA Area 12 (Warehouse Women's Bathroom)					
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North & South walls**	**Assumed ACM**	**80**	**LF**
Assumed mirror mastic	**Assumed ACM**	**Assumed on North wall behind mirror**	**Assumed ACM**	**12**	**SF**
Assumed ceramic wall tile mastic	**Assumed ACM**	**Walls throughout**	**Assumed ACM**	**480**	**SF**
Drywall/drywall joint compound	Supect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	120	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	120	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	120	SF
Plaster	Suspect ACM	Walls & ceiling throughout	No Asbestos Detected	780	SF
Ceramic tile grout	Suspect ACM	Walls & flooring throughout	No Asbestos Detected	600	SF
Drywall	Suspect ACM	Shower walls	No Asbestos Detected	130	SF
Tan baseboard mastic	Suspect ACM	North wall	No Asbestos Detected	16	LF
Hydraulic door stops	Suspect Oil Containing	East walls	N/A	2	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	6	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	3	Ballasts
AMA Area 13 (Office Space)					
Mudded pipe fitting insulation	**ACM**	**Above drop ceiling**	**4% Chrysotile**	**6**	**Fittings**
Drywall Joint Compound/Associated Drywall	**ACM**	**Walls throughout**	**2% Chrysotile**	**1,300**	**SF**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above drop ceiling	No Asbestos Detected	580	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	580	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	580	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	580	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	100	LF
Tan carpet mastic	Suspect ACM	Througout floor	No Asbestos Detected	580	SF
Quarry tile floor grout	Suspect ACM	Throughout floor	No Asbestos Detected	580	SF
Hydraulic door stops	Suspect Oil Containing	North and south walls	N/A	3	Units

Table 3 - Hazardous Materials Room Inventory
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Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	8	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	4	Ballasts
AMA Area 14 (Pre-School Area)					
Drywall Joint Compound/Associated Drywall	**ACM**	**Walls throughout**	**2% Chrysotile**	**2,160**	**SF**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**580**	**SF**
Drywall	Suspect ACM	Ceiling throughout above drop ceiling	No Asbestos Detected	580	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	580	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	580	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	580	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	516	SF
Red wood paneling mastic	Suspect ACM	All walls throughout	No Asbestos Detected	580	SF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	28	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	14	Ballasts
AMA Area 15 (Family Bathroom)					
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within East wall**	**Assumed ACM**	**50**	**LF**
Assumed ceramic wall tile mastic	**Assumed ACM**	**Walls throughout**	**Assumed ACM**	**175**	**SF**
Drywall	Suspect ACM	Ceiling througout above plaster ceiling	No Asbestos Detected	54	SF
Plaster	Suspect ACM	Throughout ceiling	No Asbestos Detected	54	LF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	44	SF
Ceramic tile grout	Suspect ACM	Walls throughout	No Asbestos Detected	175	SF
Hydraulic door stops	Suspect Oil Containing	North & South walls	N/A	3	Units
AMA Area 16 (Storage Room)					
Mudded pipe fitting insulation	**ACM**	**Above fixed ceiling**	**4% Chrysotile**	**4**	**Fittings**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**50**	**SF**
Drywall Joint Compound/Associated Drywall	**ACM**	**Walls throughout**	**2% Chrysotile**	**280**	**SF**
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North & South walls**	**Assumed ACM**	**30**	**LF**
Drywall	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	50	SF
Plaster ceiling	Suspect ACM	Throughout ceiling	No Asbestos Detected	50	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	50	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	50	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	50	SF
AMA Area 17 (Northwest Women's Bathroom)					
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within East wall**	**Assumed ACM**	**30**	**LF**
Assumed ceramic wall tile mastic	**Assumed ACM**	**Walls throughout**	**Assumed ACM**	**130**	**SF**
Plaster ceiling	Suspect ACM	Throughout ceiling	No Asbestos Detected	60	SF
Drywall	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	60	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	60	SF
Ceramic tile grout	Suspect ACM	Walls throughout	No Asbestos Detected	130	SF
Hydraulic door stops	Suspect Oil Containing	North wall	N/A	2	Units
AMA Area 18 (Northwest Men's Bathroom)					
Mudded pipe fitting insulation	**ACM**	**Above ceiling**	**4% Chrysotile**	**8**	**Fittings**
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**50**	**SF**

Table 3 - Hazardous Materials Room Inventory
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Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North, South, & East walls**	**Assumed ACM**	**30**	**LF**
Plaster walls & ceiling	Suspect ACM	Throughout ceiling	No Asbestos Detected	310	SF
Drywall	Suspect ACM	Ceiling throughout above plaster ceiling	No Asbestos Detected	50	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	50	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	50	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	50	SF
AMA Area 19 (Breakroom)					
Mudded pipe fitting insulation	**ACM**	**Above ceiling**	**4% Chrysotile**	**8**	**Fittings**
Assumed pipe & pipe fitting insulation	**Assumed ACM**	**Assumed within North & South walls**	**Assumed ACM**	**60**	**LF**
Drywall Joint Compound/Associated Drywall	**ACM**	**North wall**	**2% Chrysotile**	**60**	**SF**
Plaster ceiling	Suspect ACM	Throughout ceiling	No Asbestos Detected	470	SF
Drywall	Suspect ACM	Ceiling throughout above fixed ceiling	No Asbestos Detected	470	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	470	SF
Quarry tile floor grout	Suspect ACM	Throughout floor	No Asbestos Detected	470	SF
Plaster walls	Suspect ACM	All walls	No Asbestos Detected	1,020	SF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	24	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	6	Ballasts
AMA Area 20 (SNC Office)					
Black floor tile mastic	**ACM**	**Throughout floor under carpet**	**4%-5% Chrysotile**	**170**	**SF**
Drywall Joint Compound/Associated Drywall	**ACM**	**Walls throughout**	**2% Chrysotile**	**520**	**SF**
Drywall	Suspect	Ceiling throughout above drop ceiling	No Asbestos Detected	170	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	170	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	170	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	170	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	170	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	52	LF
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	8	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	4	Ballasts
AMA Area 21 (Open Office Space)					
Mudded pipe fitting insulation	**ACM**	**Througout above drop ceiling**	**4% Chrysotile**	**12**	**Fittings**
Black floor tile mastic	**ACM**	**Throughout floor under carpet**	**4%-5% Chrysotile**	**3,750**	**SF**
Assumed fire door insulation	**Assumed ACM**	**North & West walls**	**Assumed ACM**	**2**	**Doors**
Drywall/drywall joint compound	Supect ACM	Walls throughout	No Asbestos Detected	5,300	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	3,750	SF
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above Drop Ceiling	No Asbestos Detected	3,750	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	3,750	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	3,750	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	3,750	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	508	LF
Tan floor tile mastic	Suspect ACM	Throughout floor	No Asbestos Detected	3,744	SF
Plaster	Suspect ACM	Columns throughout	No Asbestos Detected	300	SF
Hydraulic door stops	Suspect Oil Containing	West wall	N/A	1	Unit
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	164	Bulbs

Table 3 - Hazardous Materials Room Inventory
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Material Description	Hazmat Description	Location	Analysis Result	Estimated Quantity	Units
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	82	Ballasts
AMA Area 22 (Main Hallway)					
Black floor tile mastic	**ACM**	**Throughout floor**	**4%-5% Chrysotile**	**610**	**SF**
Drywall Joint Compound/Associated Drywall	**ACM**	**Walls throughout**	**2% Chrysotile**	**4,000**	**SF**
Assumed fire door insulation	**Assumed ACM**	**North & South Walls**	**Assumed ACM**	**2**	**Doors**
Drywall/drywall joint compound	Suspect ACM	Ceiling throughout above Drop Ceiling	No Asbestos Detected	610	SF
2'x4' White fissured pinhole ceiling tile	Suspect ACM	Drop ceiling throughout	No Asbestos Detected	610	SF
Fiberboard ceiling deck	Suspect ACM	Ceiling deck throughout above fixed ceiling	No Asbestos Detected	610	SF
Ceiling insulation	Suspect ACM	Above fixed drywall ceiling	No Asbestos Detected	610	SF
Tan carpet mastic	Suspect ACM	Throughout floor	No Asbestos Detected	610	SF
Tan baseboard mastic	Suspect ACM	Walls throughout	No Asbestos Detected	252	LF
Tan floor tile mastic	Suspect ACM	Throughout floor	No Asbestos Detected	610	SF
Hydraulic door stops	Suspect Oil Containing	North & West walls	N/A	5	Units
Fluorescent Light Bulbs	Mercury Vapor Lamps	Ceiling throughout	N/A	64	Bulbs
Fluorescent Light Ballasts	Suspect PCB's	Ceiling throughout	N/A	16	Ballasts
Exterior North Wall					
Gray door system caulk	Suspect ACM	At Front Entrance	No Asbestos Detected	1 @(11'x10') 1 @(3'x7')	Door Systems
Exterior window system caulk/glazing	Suspect ACM	At Main Lobby	No Asbestos Detected	2 @(4'x8')	Window Systems
Exterior West Wall					
Gray door system caulk	Suspect ACM	North & South corners	No Asbestos Detected	2	Doors
Exterior window system caulk/glazing	Suspect ACM	Northwest corner	No Asbestos Detected	1 @(4'x7')	Windows
Exterior South Wall					
NO SUSPECT ACM OBSERVED					
Exterior Southwest Side					
Gray door system caulk	Suspect ACM	South wall	No Asbestos Detected	1 @(4'x7')	Door System
Exterior East Wall					
NO SUSPECT ACM					
Roof					
Roofing materials	Suspect ACM	Througout roof	No Asbestos Detected	29,400	SF
	ACM	Asbestos Containing Materials			
	PCB's	Polychlorinated Biphenyls			
	Suspect ACM	Suspect Asbestos Containing Material			
	SF	Square Feet			
	LF	Linear Feet			

TABLE 4: HAZARDOUS MATERIALS QUANTITIES SUMMARY

Table 4 - Hazardous Materials Quantities Summary
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	General Locations	Approximate Quantity	Units
Asbestos-Containing Materials (ACM)			
Black Floor Tile Mastic	Floors Throughout Building	25,210	Square Feet
12"x12" White with Gray Streaks Floor Tile (non-ACM floor tile adhered to asbestos-containing floor tile mastic)	Floors Throughout Building	16,480	Square Feet
Drywall Joint Compound/Associated Drywall	AMA Area #13 (Office Space), AMA Area #14 (Pre-School Area), AMA Area #16 (Storage Room), AMA Area #19 (Break Room), AMA Area #20 (SNC Office), AMA Area #22 (Main Hallway)	8,320	Square Feet
Mudded Pipe Fitting Insulation	Throughout Building	50	Fittings
Assumed Pipe & Pipe Fitting Insulation	Assumed within Wall Cavities Associated with Bathrooms Throughout Building	495	Linear Feet
Assumed Fire Door Insulation	Throughout Building	20	Doors
Assumed Ceramic Wall Tile Mastic	Assumed within Bathrooms Throughout Building	1,335	Square Feet
Assumed Mirror Mastic	Assumed within Bathrooms Throughout Building	24	Square Feet
Assumed Cloth Wiring	Utility Room	20	Linear Feet
Lead Containing Paint (LCP) & Lead Surface Coatings			
Silver Metal I-Beams	Interior - Throughout Building	N/A	N/A
Black Metal Sprinkler Pipes	Interior - Throughout Building	N/A	N/A
Red Metal Sprinkler Pipe Flange	Interior - Throughout Building	N/A	N/A
White Metal Roll-Up Door	Interior - Warehouse #2	N/A	N/A
Light Green Metal Conduit Pipe	Interior - Warehouse #1	N/A	N/A
White Metal Handrail	Interior - Throughout Building	N/A	N/A
Gray Metal Handrail	Interior - Warehouse #1	N/A	N/A
White Metal Door Casing & Jamb	Interior - Warehouse #1	N/A	N/A
Gray Metal Door Casing & Jamb	Interior - Warehouse #1	N/A	N/A
White Concrete Stair Riser	Interior - Warehouse #1	N/A	N/A
Red Quarry Tile	Interior - Throughout Building	N/A	N/A
Blue Ceramic Wall & Flooring Tile	Interior - Bathrooms	N/A	N/A
Tan Ceramic Wall Tile	Interior - Bathrooms	N/A	N/A
Gray Ceramic Tile Floor	Interior - Bathrooms	N/A	N/A
White Metal Door	Interior - Throughout Building	N/A	N/A
White Metal Door Casing	Interior - Throughout Building	N/A	N/A
White Metal Radiator Cover	Interior - Men's Bathroom	N/A	N/A
White Metal Pipe	Interior - Throughout Building	N/A	N/A
White Ceramic Sink	Interior - Bathrooms	N/A	N/A
White Ceramic Toilet	Interior - Bathrooms	N/A	N/A
Black Metal Door Casing	Interior - Throughout Building	N/A	N/A

Table 4 - Hazardous Materials Quantities Summary
1425 North Quincy Street
Arlington, Virginia 22207

Material Description	General Locations	Approximate Quantity	Units
White Wood Shelf & Shelf Support	Interior - Breakroom	N/A	N/A
White Wood Window Casing	Interior - Breakroom	N/A	N/A
White Wood Window	Interior - Breakroom	N/A	N/A
Black Plaster Columns	Interior - Middle Rooms	N/A	N/A
White Plaster Wall & Ceiling	Interior - Throughout Building	N/A	N/A
White Metal Slop Sink	Interior - Custodial Closet	N/A	N/A
Exterior White CMU Wall	Exterior - Walls Throughout	N/A	N/A
Exterior Gray Metal Door Lintel	Exterior - Walls Throughout	N/A	N/A
Exterior Gray Concrete Floor	Exterior - North Loading Dock	N/A	N/A
Exterior Gray Metal Roll-Up Door	Exterior - North Wall	N/A	N/A
Exterior White Glazed Brick Wall	Exterior - North Wall	N/A	N/A
Exterior White Concrete Window Sill	Exterior - North Wall	N/A	N/A
Exterior Black Metal Window Casing	Exterior - North Wall	N/A	N/A
Exterior Gray Metal Handrail	Exterior - North Wall	N/A	N/A
Exterior Gray Metal Handrail Support	Exterior - North Wall	N/A	N/A
Exterior Gray Metal Door	Exterior - North & West Walls	N/A	N/A
Exterior Gray Metal Door Casing	Exterior - North & West Walls	N/A	N/A
Exterior Black Metal Pipe	Exterior - West Wall	N/A	N/A
Exterior White Metal Vent	Exterior - West Wall	N/A	N/A
Exterior Brown Metal Roof Drain Cover	Exterior - Roof	N/A	N/A
Exterior Gray Metal Roof Flashing	Exterior - Walls Throughout	N/A	N/A
Exterior White Concrete Drain	Exterior - East Wall	N/A	N/A
Exterior Brown Metal Vent Pipe	Exterior - West Wall	N/A	N/A
Exterior Green Metal Exhaust Vent	Exterior - Roof	N/A	N/A
Exterior Gray Metal Roof Hatch	Exterior - Roof	N/A	N/A
Miscellaneous Hazardous Materials			
Fluorescent Light Bulbs (Mercury Vapor Lamps)	Throughout Building	705	Bulbs
Fluorescent Light Ballasts (Suspect PCB's)	Throughout Building	495	Ballasts
Transformers (Suspect PCB's)	Utility Room	3	Transformers
Hot Water Heater (Suspect Mercury Switch)	Utility Room	1	Unit
Hydraulic Door Stops (Suspect Oil Containing)	Throughout Building	22	Units
Air Conditioning Units (Suspect Regrigerants)	AMA Area #01 (Warehouse #2), AMA Area #02 (Warehouse #1)	4	Units

APPENDIX A: ASBESTOS BULK SAMPLING DOCUMENTATION

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

NVLAP®
Lab Code 101143-0

Chain of Custody: 286550

Client: Aerosol Monitoring & Analysis, Inc

Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076

Attention: Rob Schoennagel

Job Name: 1425 N. Quincy Street

Job Location: Arlington, VA

Job Number: 18212

P.O. Number: Not Provided

Date Submitted: 05/03/2018

Date Analyzed: 05/08/2018

Report Date: 05/08/2018

Date Sampled: 05/03/2018

Person Submitting: Patrick LaShier

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
286550-1	182120503-01	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-2	182120503-02	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-3	182120503-03	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-4	182120503-04	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-5	182120503-05	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-6	182120503-06	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-7	182120503-07	NAD	--	--	--	--	--	--	90	--	--	10	IN	Brown	Homogeneous	SW	
286550-8	182120503-08	NAD	--	--	--	--	--	TR	10	--	--	90	DWC	Multi	Layered	SW	
286550-9	182120503-09	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-10	182120503-10	3	3	--	--	--	37	--	--	--	--	60	PF	Gray	Homogeneous	SW	
286550-11	182120503-11	NAD	--	--	--	--	--	--	TR	--	--	100	DW	Off-White	Homogeneous	SW	
286550-12	182120503-12	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-13	182120503-13	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-14	182120503-14	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-15	182120503-15	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-16	182120503-16	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-17	182120503-17	NAD	--	--	--	--	--	--	70	--	--	30	Fiber B.	Brown	Homogeneous	SW	

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

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Attention: Rob Schoennagel

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286550-18	182120503-18	4	4	--	--	--	36	--	--	--	--	60	PF	Gray	Homogeneous	SW	
286550-19	182120503-19	4	4	--	--	--	36	--	--	--	--	60	PF	Gray	Homogeneous	SW	
286550-20	182120503-20	NAD	--	--	--	--	10	--	50	--	--	40	CT	Gray	Homogeneous	SW	
286550-21	182120503-21	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
286550-22	182120503-22	NAD	--	--	--	--	30	--	30	--	--	40	CT	Multi	Layered	SW	
286550-23	182120503-23	NAD	--	--	--	--	--	--	--	--	--	100	CM	Tan	Homogeneous	SW	
286550-24	182120503-24	NAD	--	--	--	--	--	--	--	--	--	100	CM	Tan	Homogeneous	SW	
286550-25	182120503-25	NAD	--	--	--	--	--	TR	--	--	--	100	DW	Gold	Homogeneous	SW	
286550-26	182120503-26	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-27	182120503-27	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	SW	
286550-28	182120503-28	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
286550-28A	182120503-28	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
286550-29	182120503-29	NAD	--	--	--	--	--	--	70	--	--	30	Felt	Brown	Homogeneous	SW	
286550-30	182120503-30	NAD	--	--	--	--	--	--	--	--	--	100	MS	Black	Homogeneous	SW	
286550-31	182120503-31	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
286550-31A	182120503-31	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
286550-32	182120503-32	NAD	--	--	--	--	--	--	TR	--	--	100	DW	White	Homogeneous	SW	
286550-33	182120503-33	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-34	182120503-34	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
286550-35	182120503-35	NAD	--	--	--	--	--	--	TR	--	--	100	FT	Multi	Homogeneous	SW	

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286550-36	182120503-36	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	SW	
286550-37	182120503-37	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
286550-38	182120503-38	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
286550-39	182120503-39	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
286550-40	182120503-40	4	4	--	--	--	--	--	--	--	--	96	MS	Black	Homogeneous	SW	
286550-41	182120503-41	NAD	--	--	--	--	--	--	TR	--	--	100	FT	Black	Homogeneous	SW	
286550-42	182120503-42	NAD	--	--	--	--	--	--	TR	--	--	100	FT	Black	Homogeneous	SW	
286550-43	182120503-43	NAD	--	--	--	--	--	--	TR	--	--	100	FT	Multi	Homogeneous	SW	
286550-44	182120503-44	5	5	--	--	--	--	--	TR	--	--	95	MS	Black	Homogeneous	SW	
286550-45	182120503-45	NAD	--	--	--	--	--	--	--	--	--	100	Grout	White	Homogeneous	SW	
286550-46	182120503-46	NAD	--	--	--	--	--	--	--	--	--	100	Grout	White	Homogeneous	SW	
286550-47	182120503-47	NAD	--	--	--	--	--	--	TR	--	--	100	MS	Tan	Homogeneous	SW	
286550-48	182120503-48	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-49	182120503-49	2	2	--	--	--	--	--	--	--	--	98	JC	Beige	Homogeneous	SW	DW/JC COMP = TR Chrysotile
286550-50	182120503-50	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-51	182120503-51	2	2	--	--	--	--	--	--	--	--	98	JC	Beige	Homogeneous	SW	DW/JC COMP = TR Chrysotile
286550-52	182120503-52	NAD	--	--	--	--	--	--	TR	--	--	100	DW	Gray	Homogeneous	SW	

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286550-53	182120503-53	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-54	182120503-54	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	SW	
286550-55	182120503-55	NAD	--	--	--	--	--	--	--	--	--	100	Ads	Gray	Homogeneous	SW	
286550-56	182120503-56	NAD	--	--	--	--	--	--	TR	--	--	100	CK	Gray	Homogeneous	SW	
286550-57	182120503-57	NAD	--	--	--	--	--	--	--	--	--	100	WG	Gray	Homogeneous	SW	
286550-58	182120503-58	NAD	--	--	--	--	--	--	TR	--	--	100	CK	Gray	Homogeneous	SW	
286550-59	182120503-59	NAD	--	--	--	--	--	--	TR	--	--	100	CK	White	Homogeneous	SW	
286550-60	182120503-60	NAD	--	--	--	--	--	--	--	--	--	100	WG	Gray	Homogeneous	SW	
286550-61	182120503-61	NAD	--	--	--	--	--	--	TR	--	--	100	CK	White	Homogeneous	SW	
286550-62	182120503-62	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-63	182120503-63	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-64	182120503-64	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-65	182120503-65	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-66	182120503-66	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
286550-67	182120503-67	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-68	182120503-68	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-69	182120503-69	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	DW/JC COMP = NAD
286550-70	182120503-70	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	

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286550-71	182120503-71	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-72	182120503-72	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-73	182120503-73	2	2	--	--	--	--	--	--	--	--	98	JC	Tan	Homogeneous	SW	DW/JC COMP = TR Chrysotile
286550-74	182120503-74	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-75	182120503-75	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-76	182120503-76	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-77	182120503-77	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
286550-78	182120503-78	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	

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The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

[1] TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

[2] MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993
NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0.43, 11-35% CV=0.55, >35 CV=0.23. All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Surat Watson

Technical Director G. Edward Carney

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 286550

Mailing/Billing Information:
1. Client Name: AMA Hanover
2. Address 1:
3. Address 2:
4. Address 3:
5. Phone #: 410-684-3327 Fax #:

Submittal Information:
1. Job Name: 1425 N. Quincy St.
2. Job Location: Arlington, VA
3. Job #: 18212 P.O. #:
4. Contact Person: Rob Schoennagel Cell: 443-742-1870
5. Collected by: Jorge Lopez Cell:

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)
- ☐ 4 Hours
- ☐ Immediate Date Due:
- ☐ 24 Hours Time Due:

Comments:

NORMAL BUSINESS HOURS
- ☐ 4 Hours
- ☐ Same Day
- ☐ Next Day
- ☐ 2 Day
- ☒ 3 Day
- ☐ 5 Day + Date Due: 5/8/18
- ☐ Results Required By Noon

REPORT TO:
- ☒ Email: rschoennagel@amaconsulting.com
- ☐ Email 2:
- ☒ Verbals: Rob Schoennagel 443-742-1870

Asbestos Analysis
*PCM Air – Please Indicate Filter Type:
- ☐ NIOSH 7400 (QTY)
- ☐ Fiberglass (QTY)

TEM Air* – Please Indicate Filter Type:
- ☐ AHERA (QTY)
- ☐ NIOSH 7402 (QTY)
- ☐ Other (specify) (QTY)

PLM Bulk
- ☒ EPA 600 – Visual Estimate 78 (QTY) ☐ Pos Stop
- ☐ EPA Point Count (QTY)
- ☐ NY State Friable 198.1 (QTY)
- ☐ Grav. Reduction ELAP 198.6 (QTY)
- ☐ Other (specify) (QTY)

MISC
- ☐ Vermiculite
- ☐ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)

*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk
- ☐ ELAP 198.4/Chatfield (QTY)
- ☐ NY State PLM/TEM (QTY)
- ☐ Residual Ash (QTY)

TEM Dust*
- ☐ Qual. (pres/abs) Vacuum/Dust (QTY)
- ☐ Quan. (s/area) Vacuum D5755-95 (QTY)
- ☐ Quan. (s/area)Dust D6480-99 (QTY)

TEM Water
- ☐ Qual. (pres/abs) (QTY)
- ☐ ELAP 198.2/EPA 100.2 (QTY)
- ☐ EPA 100.1 (QTY)

☒ All samples received in good condition unless otherwise noted.
TEM Water samples °C)

If field data sheets are submitted, there is no need to complete bottom section.

Metals Analysis
- ☐ Pb Paint Chip (QTY)
- ☐ *Pb Dust Wipe (wipe type) (QTY)
- ☐ *Pb Air (QTY)
- ☐ Pb Soil/Solid (QTY)
- ☐ Pb TCLP (QTY)
- ☐ Drinking Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
- ☐ Waste Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
- ☐ Pb Furnace (Media) (QTY)

Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
- ☐ *Spore-Trap (QTY) ☐ Surface Vacuum Dust (QTY)
- ☐ *Surface Swab (QTY) ☐ Culturable ID Genus (Media) (QTY)
- ☐ *Surface Tape (QTY) ☐ Culturable ID Species (Media) (QTY)
- ☐ Other (Specify) (QTY)

CLIENT ID #	SAMPLE INFORMATION SAMPLE LOCATION/ ID	DATE/ TIME	VOL (L)/ Wipe Area	ANALYSIS TEM	PCM	PLM	LEAD	MOLD	MATRIX AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	CLIENT CONTACT (LABORATORY STAFF ONLY)
182120503-01	SEE Field Data Sheets					X				X						Date/Time: Contact:By:
182120503-78																Date/Time: Contact:By:
																Date/Time: Contact:By:

	Print Name	Signature	Date	Time
Relinquished by:				
Received by:				
Relinquished by:			5/3/18	1212
Received for Lab by:				

Shipping Information
☐ UPS ☒ In-Person ☐ Other
☐ FedEx ☐ Drop Box
☐ USPS ☐ Courier
Airbill/Tracking No:

Aerosol Monitoring & Analysis, Inc.

Bulk Sampling Survey Sheet

Date Collected: April 30, 2018 **Address:** 1425 N. Quincy Street **Company:** Aerosol Monitoring & Analysis Inc.

Job Number: 18212 Arlington, Virginia 22207 **Telephone Number:** (410) 684-3327

Job Site: 1425 N. Quincy Street **Contact Person:** Robert Schoennagel **Samples Taken By:** Jorge Lopez

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 01	Ceiling Insulation	• Warehouse #2 (AMA 01) - @ opening to ceiling I-Beam - ≈ 40' from W. Wall & ≈ 40' from N. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 02	Ceiling Insulation	• Warehouse #2 (AMA 01) - @ ceiling opening, above DW ceiling - ≈ 37' from S. Wall & ≈ 40' from W. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 03	Ceiling Insulation	• Warehouse #2 (AMA 01) - @ ceiling opening along S. wall, ≈ 20' High - ≈ 40' from W. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 04	Ceiling Insulation	• Warehouse #2 (AMA 01) - @ yellow straps ceiling opening, along W. wall - ≈ 10' from W. Wall & ≈ 25' from N. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 05	Ceiling Insulation	• Warehouse #2 (AMA 01) - @ ceiling opening @ roof access hatch - Along W. Wall, ≈ 28' N. of S. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

Aerosol Monitoring & Analysis, Inc.

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 06	Ceiling Insulation	Same as Sample # 13	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 07	Ceiling Insulation	• Warehouse #01 (AMA 02) • @ NE end by E. Hatch, ≈ 20' High - ≈ 15' S. of N. Wall, & 5' W. of E. Wall	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 08	Drywall Ceiling	Same as Sample #05	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 09	Drywall Joint Compound	Same as Sample #08	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 10	Mudded Pipe Fitting	• Warehouse #2 (AMA 01) - Along W. wall, above Women's RR doorway, ≈ 23' S. of N. wall & 3' from W. wall, ≈ 22' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	- @ T-Joint location

Aerosol Monitoring & Analysis, Inc.

Bulk Sampling Survey Sheet

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Job Number: 18212 Arlington, Virginia 22207 **Telephone Number:** (410) 684-3327

Job Site: 1425 N. Quincy Street **Contact Person:** Robert Schoennagel **Samples Taken By:** Jorge Lopez

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 11	Drywall	• Warehouse #2 (AMA 01) - NE end @ ceiling by diffuser - ≈ 25' W. of E. doorway & 15' S. of N. wall ≈ 20' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 12	Drywall Joint Compound	Same as Sample #11	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 13	Drywall	• Warehouse #1 (AMA 02) - E. end @ SE diffuser, ≈ 20' high - ≈ 18' from E. wall & ≈ 30' N. of S. wall	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 14	Drywall Joint Compound	• Same as Sample #13	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 15	Drywall	Same as Sample #07	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 16	Drywall Joint Compound	Same as Sample #07	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 17	Fiberboard Ceiling Deck	Same as Sample #16 · Except ≈30' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 18	Mudded Pipe Fitting	· Warehouse #2 (AMA 01) - @ long w. wall, ≈ 28' N. of S. wall & ≈3' E. of w. wall, ≈ 20' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	Elbow
18212 0430 19	Mudded Pipe Fitting	· Warehouse #2 (AMA 01) - Along w. wall, above custodial closet - ≈ 20' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	T-Joint
18212 0430 20	2x4 White Fissured Pinholed CT	AMA 19 - ≈3' N. of S. wall & 6' w. of E. wall, ≈ 9' High	☒ Yes ☐ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☒ Medium ☐ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 21	Tan Baseboard Mastic	• AMA 19 - Along S. wall - ≈ 4' W. of E. wall	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 22	2x4 White Fissured/ Pinholed Ceiling Tile	• AMA 21 - @ E. end of corridor by Main lobby - ≈ 6' W. of E. wall, & 2' N. of S. wall - ≈ 9' High	☒ Yes ☐ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☒ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 23	Tan Carpet Mastic	• AMA 20 @ Main Room - @ N. entrance door - ≈ 2' S. of N. wall	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 24	Tan Carpet Mastic	• AMA 20 - @ E. Section, ~~NW Corner~~ - ≈ 30' N. of S. wall &	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 25	Drywall	• AMA 20 - @ Main entrance Lobby, S. wall - @ ≈ 8' from W. corridor wall & ≈ 15' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 26	Drywall Joint Compound	Same as ~~AMA~~ Sample #25 - Except ≈ 2' High	☒ Yes ☐ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 27	Quarry Tile Grout	• AMA 18 - @ W. end, ≈ 4' N. of SW door - ≈ 5' E. of W. wall	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 28	Plaster	• AMA 6 - Utility Closet - Lower fixed ceiling @ Hatch - ≈ 10 High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 29	Fiberboard Ceiling Deck	Same as Sample # 28 Except @ roof ceiling deck	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 30	Black Floor Tile Mastic	• AMA 1 - Warehouse TE - ≈ 7' E. of W. wall & ≈ 35' S. of N. wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 31	Plaster	• AMA 10 - Custodial Closet - @ Lower fixed ceiling ≈ - 2 Sprinkler penetration, 9' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☒ Medium ☐ High	☐ Yes ☒ No #	ceiling
18212 0430 32	Drywall	• AMA 01 - TE Warehouse 4 - Along S. wall, ≈ 15' from SW corner - ≈ 1' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 33	Drywall Joint Compound	• AMA 01 - TE Warehouse 4 - Along W. wall @ Storage closet - S wall edge @ baseboard Level	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 34	12x12 White w/ Gray streaks Floor Tile	• AMA 01 - TE Warehouse 4 - ≈ 15' E. of W. wall & 17' N. of S. wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 35	12x12 White w/ Gray streaks Floor Tile	• Same as Sample # 34 Except: ≈ 40' E. of W. wall & 22' N. of S. wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Job Site: 1425 N. Quincy Street **Contact Person:** Robert Schoennagel **Samples Taken By:** Jorge Lopez

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 36	Quarry Tile Grout	• AMA 05 - ≈5' w. of E. doorway & 1' N. of S. wall	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 37	Plaster	• AMA 05 - @ Lower fixed ceiling - @ NE Corner	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☒ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 38	Tan Baseboard Mastic	• AMA 05 - Along S. wall, ≈ 3' from E. wall	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 39	Tan Floor Tile Mastic	Same as Sample # 36	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 40	Black Floor Tile Mastic	• AMA 02 - Warehouse - ≈ 22' w. of E. wall & 40' S. of N. wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 41	18"x18" Black Floor Tile	•AMA 02 - Warehouse - @ NE Loading Area, SE Corner - ≈4' N. of S room	☐ Yes ☒ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 42	18x18" Black Floor Tile	• AMA 02 - Warehouse • W. end, ≈15' E. of W. wall & 15' S. of N. Wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 43	12"x12" White w/ Gray streaks Floor Tile	• AMA 02 - Warehouse - 12' E. of W. wall & 15' S. of N. wall	☐ Yes ☒ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 44	Black Floor Tile Mastic	Same as Sample #43	☐ Yes ☒ No ☐ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 45	Ceramic Tile Grout	• AMA 17 - Restroom - Along W. wall, ≈4' S. of N. wall, ≈4' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 46	Ceramic Tile Grout	• AMA 18 - Men R.R. - Along W. wall, ≈ 21' S. of N. wall, ≈ 4' High	☐ Yes ☐ No ☐ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 47	Red Wood Wall Panels Mastic	• AMA 14 - - @ E. Room, along W. wall, ≈ 10' N. of SE corner, ≈ 1' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430 48	Drywall	• AMA 14 - East room, along N. wall, above D.C., ≈ 4' E. of W. wall, ≈ 15' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 49	Drywall Joint compand	Same as Sample #48	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 50	Drywall	• AMA 13 - Along N. Wall, above D.C., ≈ 12' E. of NW corner, 15' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 51	Drywall Joint Compound	• Same as Sample #50	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 52	Drywall	• AMA 20 - Along N. wall, @ middle partition wall corner, ≈ 38' E. of w. wall, ≈ 15' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 53	Drywall Joint Compound	Same as Sample #52	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 54	Mosaic Floor Grout	• AMA 11 - Men R.R. - @ entrance vestibule, @ door threshold	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 55	Mosaic Floor Adhesive	Same as Sample #54	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☒ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 56	Exterior Door System Caulk	•Exterior North -Main Entrance door, W. side of frame, ≈ 5' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 57	Exterior Window System Glazing	•Exterior North -W. Side window of - Bottom pane, righ side window	☐ Yes ☒ No ☐ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 58	Exterior Window System Caulk	•Exterior North -W. Side wind of - Right side window, frame, ≈ 5' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 59	Exterior Door System Caulk	•Exterior ~~East~~ West -NW corner stairwell access door - Right Side of frame, ≈ 4' High	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 60	Exterior Windpw System Glazing	•Exterior West -North window of AMA 14 -@N. bottom pane. = 2' High	☐ Yes ☒ No ☐ Potentially	☒ Good (SL) ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Contact Person: Robert Schoennagel
Company: Aerosol Monitoring & Analysis Inc.
Telephone Number: (410) 684-3327
Samples Taken By: Jorge Lopez
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 61	Exterior Window System Caulk	• Exterior West - Same as Sample # 60 Except S. window	☐ Yes ☒ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 62	Drywall	• AMA 4 - SW Room - Along S. wall, ≈ 15' from SE corner - ≈ 5' High	☐ Yes ☐ No ☒ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	Warehouse Walls
18212 0430 63	Drywall Joint compound	Same as Sample #62	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 64	Drywall Joint Compound	• AMA 2 - NE Warehouse - @ Partition wall to NE Room, E. wall corner, 1' High	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 65	Drywall Joint Compound	• AMA 2 - NE Warehouse - Along N. wall, @ NE loading dock, doorframe, Left side	☐ Yes ☐ No ☒ Potentially	☐ Good ☒ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 66	Drywall	• Warehouse TE&O #4 (AMA01) - Along S. wall, @ wall opening ≈ 50' E of W. wall	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	Warehouse Wall
18212 0430 67	Drywall Joint Compound	• Warehouse TE&O #4 (AMA 01) - Along N. wall, @ NE corner - 10' W. of NE corner, 2' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 68	Drywall Joint Compound	• Warehouse #4 TE&O (AMA 01) - Along N. wall @ NW corner - stairs partition wall, ≈ 2' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 69	Drywall Joint Compound	• Same as Sample #66	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	
18212 0430 70	Drywall Joint Compound	• Warehouse TE&O #4 (AMA 01) - Along W. partition wall to Utility Rm. @ S. corner, 1' High	☒ Yes ☐ No ☐ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	

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Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 71	Drywall Joint Compound	• AMA 13 - Front Area, W. Rm. - Along N. wall @ doorway to stairs - Right side of door, ≈ 2' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	• Front Area -P
18212 0430 72	Drywall Joint Compound	• AMA 21 - Front, S. Area - Along S. wall @ SW Room - ≈ 2' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	- N
18212 0430 73	Drywall Joint Compound	• AMA16 - Storage Closet - S. Wall @ SE Corner Closet - ≈ 2' High	☐ Yes ☐ No ☒ Potentially	☐ Good ☐ Fair ☒ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	- Pa
18212 0430 74	Drywall Joint Compound	• AMA 22 - Front Area Corridor - Along N. Wall, @ W. entrance to Break Rm, Right Side ≈ 4' High	☐ Yes ☐ No ☒ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	- Pa
18212 0430 75	Drywall Joint Compound	• AMA 21 - Front S. Rooms Area - N. wall @ NE Room, (SW corner) - ≈ 1' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	- N

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Telephone Number: (410) 684-3327
Job Site: 1425 N. Quincy Street
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Samples Taken By: Jorge Lopez
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0430 76	Drywall Joint Compound	• AMA 20 - Front Area NE Rm. - Along N. wall @ E. side of window opening, ≈ 5' High	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	Front Area - P
18212 0430 77	Drywall Joint Compound	• AMA 21 - Front S. Area - Along S. wall of E. Room - ≈ 9' ~~High~~ W. of SE Corner	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	- P9
18212 0430 78	Drywall Joint Compound	• AMA 21 - Front S. Area - @ NE Rm. by Main entrance lobby, E. wall @ doorway to ~~bsmt~~	☐ Yes ☐ No ☒ Potentially	☒ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☒ High	☐ Yes ☒ No #	- P8
18212 0430			☐ Yes ☐ No ☐ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	
18212 0430			☐ Yes ☐ No ☐ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

NVLAP®
Lab Code 101143-0

Chain of Custody: 304145

Client: Aerosol Monitoring & Analysis, Inc

Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076

Attention: Rob Schoennagel

Job Name: 1425 N. Quincy Street Roof

Job Location: Arlington, VA

Job Number: 18212

P.O. Number: Not Provided

Date Submitted: 01/22/2019

Date Analyzed: 01/24/2019

Report Date: 01/24/2019

Date Sampled: 01/22/2019

Person Submitting: Jessica Woltemate

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
304145-1	182120122-01	NAD	--	--	--	--	--	--	20	--	--	80	Tar P.	Black	Homogeneous	SC	
304145-2	182120122-02	NAD	--	--	--	--	--	--	15	--	--	85	BUR	Black	Homogeneous	SC	
304145-3	182120122-03	NAD	--	--	--	--	--	--	--	--	--	100	GB	White	Homogeneous	SC	
304145-4	182120122-04	NAD	--	--	--	--	--	--	20	--	--	80	Tar P.	Black	Homogeneous	SC	
304145-5	182120122-05	NAD	--	--	--	--	--	--	20	--	--	80	BUR	Black	Homogeneous	SC	
304145-6	182120122-06	NAD	--	--	--	--	--	--	--	--	--	100	GB	White	Homogeneous	SC	
304145-7	182120122-07	NAD	--	--	--	--	--	--	30	--	--	70	Tar P.	Black	Homogeneous	SC	
304145-8	182120122-08	NAD	--	--	--	--	--	--	20	--	--	80	BUR	Black	Homogeneous	SC	
304145-9	182120122-09	NAD	--	--	--	--	--	--	--	--	--	100	GB	White	Homogeneous	SC	
304145-10	182120122-10	NAD	--	--	--	--	--	--	20	--	--	80	Tar P.	Black	Homogeneous	SC	
304145-11	182120122-11	NAD	--	--	--	--	--	--	--	--	--	100	Tar	Black	Homogeneous	SC	
304145-12	182120122-12	NAD	--	--	--	--	--	--	20	--	--	80	BUR	Black	Homogeneous	SC	
304145-13	182120122-13	NAD	--	--	--	--	--	--	--	--	--	100	GB	White	Homogeneous	SC	
304145-14	182120122-14	NAD	--	--	--	--	--	--	20	--	--	80	Tar P.	Black	Homogeneous	SC	
304145-15	182120122-15	NAD	--	--	--	--	--	--	10	--	--	90	BUR	Black	Homogeneous	SC	
304145-16	182120122-16	NAD	--	--	--	--	--	--	--	--	--	100	GB	White	Homogeneous	SC	
304145-17	182120122-17	NAD	--	--	--	--	--	--	30	--	--	70	Tar P.	Black	Homogeneous	SC	
304145-18	182120122-18	NAD	--	--	--	--	--	--	--	--	--	100	MB	Black	Homogeneous	SC	
304145-19	182120122-19	NAD	--	--	--	--	--	--	--	--	--	100	MB	Black	Homogeneous	SC	

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

Chain of Custody: 304145

Client: Aerosol Monitoring & Analysis, Inc

Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076

Attention: Rob Schoennagel

Job Name: 1425 N. Quincy Street Roof

Job Location: Arlington, VA

Job Number: 18212

P.O. Number: Not Provided

Date Submitted: 01/22/2019

Date Analyzed: 01/24/2019

Report Date: 01/24/2019

Date Sampled: 01/22/2019

Person Submitting: Jessica Woltemate

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

[1] TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

[2] MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993
NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0.43, 11-35% CV=0.55, >35 CV=0.23. All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Suphin Chinnapad

Technical Director Michael Greenberg

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 304145

Mailing/Billing Information:

1. Client Name: AMA, Inc
2. Address 1: 1331 Ashton Rd
3. Address 2: Hanover, MD
4. Address 3:
5. Phone #: Fax #:

Submittal Information:

1. Job Name: 1425 N. Quincy Street Roof
2. Job Location: Arlington, VA
3. Job #: 18212 P.O. #:
4. Contact Person: Robert Schoennagel Cell:
5. Collected by: Jessica Woltemate Cell: 267-283-7222

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)
❑ 4 Hours ❑ Late Night
❑ Immediate Date Due:
❑ 24 Hours Time Due:
Comments:

NORMAL BUSINESS HOURS
❑ 4 Hours ❑ Same Day ❑ Next Day ❑ 2 Day
☒ 3 Day ❑ 5 Day + Date Due: 1/25/19
❑ Results Required By Noon

REPORT TO:
❑ Email: rschoennagel@amaconsulting.com
❑ Email 2:
❑ Verbals:

Asbestos Analysis
*PCM Air – Please Indicate Filter Type:
❑ NIOSH 7400 (QTY)
❑ Fiberglass (QTY)
TEM Air* – Please Indicate Filter Type:
❑ AHERA (QTY)
❑ NIOSH 7402 (QTY)
❑ Other (specify) (QTY)
PLM Bulk
☒ EPA 600 – Visual Estimate 19 (QTY) ❑ Pos Stop
❑ EPA Point Count (QTY)
❑ NY State Friable 198.1 (QTY)
❑ Grav. Reduction ELAP 198.6 (QTY)
❑ Other (specify) (QTY)
MISC
❑ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)
*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk
❑ ELAP 198.4/Chatfield (QTY)
❑ NY State PLM/TEM (QTY)
❑ Residual Ash (QTY)
❑ Vermiculite
TEM Dust*
❑ Qual. (pres/abs) Vacuum/Dust (QTY)
❑ Quan. (s/area) Vacuum D5755-95 (QTY)
❑ Quan. (s/area)Dust D6480-99 (QTY)
TEM Water
❑ Qual. (pres/abs) (QTY)
❑ ELAP 198.2/EPA 100.2 (QTY)
❑ EPA 100.1 (QTY)
☑ All samples received in good condition unless otherwise noted.
(TEM Water samples °C)
If field data sheets are submitted, there is no need to complete bottom section.

Metals Analysis
❑ Pb Paint Chip (QTY)
❑ *Pb Dust Wipe (wipe type) (QTY)
❑ *Pb Air (QTY)
❑ Pb Soil/Solid (QTY)
❑ Pb TCLP (QTY)
❑ Drinking Water ❑ Pb (QTY) ❑ Cu (QTY) ❑ As (QTY)
❑ Waste Water ❑ Pb (QTY) ❑ Cu (QTY) ❑ As (QTY)
❑ Pb Furnace (Media) (QTY)
Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
❑ *Spore-Trap (QTY) ❑ Surface Vacuum Dust (QTY)
❑ *Surface Swab (QTY)
❑ *Surface Tape (QTY)
❑ Other (Specify) (QTY

CLIENT ID #	SAMPLE INFORMATION SAMPLE LOCATION/ ID	DATE/ TIME	VOL (L)/ Wipe Area	ANALYSIS: TEM	PCM	PLM	LEAD	MOLD	MATRIX: AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	COMMENTS / SPECIAL INSTRUCTIONS
182120122-01	See attached	01.22.19				X				X						
THRU	Data Sheets															
182120122-19																

	Print Name	Signature	Date	Time
Relinquished by:	Jessica Woltemate		01/22/19	
Received by:			1/22/19	1012

Shipping Information
☐ UPS ☐ FedEx ☐ USPS ☐ In-Person ☐ Drop Box ☐ Courrier ☐ Other

Aerosol Monitoring & Analysis, Inc.

Bulk Sampling Survey Sheet

Date Collected: 1.22.2019
Job Number: 18212
Job Site: 1425 North Quincy Street
Address: 1425 North Quincy Street, Arlington, Virginia 22207
Contact Person: Robert Schoennagel
Company: AMA
Telephone Number: 410-684-3327
Samples Taken By: J. Woltemate
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0122 -01	Black Tar Paper	NE Cut-out - ≈20' from N. wall - ≈ 50' from E. wall	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -02	Built-up Roofing	Same as sample #01	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -03	Gypsum	Same as sample #01	☑ Yes ☐ No ☐ Potentially	☐ Good ☑ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -04	Black Tar Paper	Middle Parapet Wall Cut-out - ≈ 15' from west wall - along middle parapet wall	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -05	Built-up Roofing	SAME AS SAMPLE #04	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	

Bulk Sampling Survey Sheet

Date Collected: 1.22.2019
Job Number: 18212
Job Site: 1425 North Quincy Street
Address: 1425 North Quincy Street, Arlington, Virginia 22207
Contact Person: Robert Schoennagel
Company: AMA
Telephone Number: 410-684-3327
Samples Taken By: J. Wollemate
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0122 -06	Gypsum	SAME AS SAMPLE #04	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -07	Black Tar Paper	Northwest cutout - ≈ 10' from west wall - ≈ 15' from North wall	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -08	Built-up Roofing	SAME AS sample #07	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -09	Gypsum	SAME AS sample #07	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -10	Black Parapet wall Tar	Same as sample #04	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	

Bulk Sampling Survey Sheet

Date Collected: 1.22.2019
Job Number: 18212
Job Site: 1425 North Quincy Street
Address: 1425 North Quincy Street, Arlington, Virginia 22207
Contact Person: Robert Schoennagel
Company: AMA
Telephone Number: 410-684-3327
Samples Taken By: J. Woltemate
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0122 -11	Black Tar Paper	Southwest cut-out - ≈ 30' from S. wall - ≈ 20' from W. wall	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -12	Built-up Roofing	SAME AS SAMPLE #11	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -13	Gypsum	SAME AS SAMPLE #11	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -14	Black Tar Paper	North Parapet wall cut-out - along N. parapet wall - ≈ 50' from E. Wall	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -15	Built-up Roofing	SAME AS SAMPLE #14	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	

Aerosol Monitoring & Analysis, Inc.

Bulk Sampling Survey Sheet

Date Collected: 1.22.2019
Job Number: 18212
Job Site: 1425 North Quincy Street
Address: 1425 North Quincy Street, Arlington, Virginia 22207
Contact Person: Robert Schoennagel
Company: AMA
Telephone Number: 410-684-3327
Samples Taken By: J. Wollemate
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
18212 0122 -16	Gypsum	SAME AS SAMPLE #14	☑ Yes ☐ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -17	Black Parapet Wall Tar	SAME AS SAMPLE #14	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -18	EPDM Roof Membrane Tar	BASE of NE AHU Unit - ≈ 40' from E. wall - ≈ 30' from N. wall	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122 -19	EPDM Roof Membrane Tar	SAME AS SAMPLE #19	☐ Yes ☑ No ☐ Potentially	☑ Good ☐ Fair ☐ Poor	☐ Low ☑ Medium ☐ High	☐ Yes ☒ No #	
18212 0122			☐ Yes ☐ No ☐ Potentially	☐ Good ☐ Fair ☐ Poor	☐ Low ☐ Medium ☐ High	☐ Yes ☒ No #	

APPENDIX B: LEAD TESTING DOCUMENTATION

JOB NAME: 1425 N. Quincy St.

ADDRESS: Arlington, VA 22207

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
01	Calibrations						• Self	001	3.95
02							• SRM 2573 Film	002	1.1
03								003	1.1
06								006	1
07	Warehouse #2 (AMA #01)	Ceiling	Black	Ceiling	DW	I	Center Area	007	0
08			Black	Duct	Metal			008	0
09			Black	Ceiling track	Metal			009	0
10			Black	Sprinkler pipe	Metal			010	0
11			Silver	I-Beam	Metal			011	0.03
12			Black	Ceiling	DW			012	0
13			Silver	I-Beam	Metal			013	0.05
14			Black	Sprinkler pipe	Metal			014	0.01
15			Red	Flange connector	Metal		@ sprinkler piperun	015	0.01
16		S. Wall	WH	Wall	DW			016	0
17		Ceiling	Silver	I-Beam	Metal			017	0.02
18			WH	Light fixture	Metal			018	0
20			Black	Duct Insulation	Fiberglass			020	0
21			Black	Duct Hanger	Metal			021	0
22			Black	Conduit pipe	Metal			022	0
23			Black	Ceiling Diffuser	Metal			023	0

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 N Quincy St

ADDRESS: Arlington, VA 22207

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
24	Warehouse #2 (AMA 01)	Ceiling	Black	Track Light Fixture	Metal	I	NE end	024 0
25			Black	Duct	Metal			025 0
27			Black	Ceiling Track	Metal		E. end	027 0
28			Red	Pipe Flange	Metal			028 0
29	Warehouse #1 (AMA 02)	Ceiling	WH	Ceiling Diffuser	Metal	I	SE end by Diffuser	029 0
30				Ceiling	DW			030 0
31				Junction Box	Metal			031 0
32				Ceiling Track	Metal			032 0
33			Black	Pipe	Metal			033 0
34		Ceiling	Silver	I-Beam	Metal	I	NE end by Hatch	034 0
35			Silver	Cross Beam	Metal			035 0
36			WH	Hatch Casing	Wood			036 0
37			WH	Ceiling	DW			037 0
38		N. Wall	WH	Roll-up D. Casing	Metal			038 0
39	Exterior North	N. Wall	WH	Wall	CMU		E. Ramp Area	039 0.01
40			Gray	Door Liner	Metal			040 0.01
41			WH	Door Frame			Roll-up door	041 0
42			Green	Door				042 0
43				Door Casing				043 0
44			Black	Handrail				044 0

JOB# 18212

DATE: 04/30/18

JOB NAME: 1425 Quincy

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
46	Exterior North	Floor	Gray	flooring	Concrete		Raised Loading dock - NE	046 0.01
47	↓	N. Wall	↓	Roll-up Door	Metal			047 0.01
48		↓	Aqua	Decorative Block	Concrete			048 0.01
49		↓	L. Green	↓	↓			049 0.01
50		E. Wall	WH	Wall	CMU			050 0
51		NE Loading dock	L. Green	Loading Dock Bumper Holder	Metal		NE Corner loading dock	051 0
52		N. Wall	Block	Door	Metal		Main Entrance	052 0
53		↓	↓	Door Casing	↓		↓	053 0
54		↓	WH	Glazed Brick	Brick		↓	054 0.02
55		Ceiling	Block	Ceiling Panel	Metal			055 0
56		↓	↓	Ceiling Corner Guard	↓			056 0
57		N. Wall	↓	Window Casing	↓			057 0.5
58		↓	↓	Gutter	↓		↓	058 -0.07
60		↓	WH	Window Sill	Concrete		NW end	060 0.01
61		↓	Gray	Window	Metal		↓	061 0.3
62		↓	↓	Window Lintel	↓		↓	062 0.22
63		↓	Gray	Handrail	Metal			063 0.21
64		↓	WH	Stair wall	Concrete		NW Corner Stairwell	064 0
65		Stairs	Gray	Handrail Support	Metal		↓	065 0.02
66	↓	W. Wall	↓	Door	↓		↓	066 0.4

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 Quincy

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
67	Exterior North	W. Wall	Gray	Door Casing	Metal			067 0.24
68	Exterior West			Door			Ea. End	068 0.3
69				Door Casing				069 0.6
70				Handrail				070 0
71			Black	Sprinkler Pipe			+	071 2.5
72			WH	pipe				072 0
75			WH	Vent Cover				075 1.7
76			WH	Water Valve Box				076 0
77	Roof	Roofing	WH	Exhaust Duct	Metal		W. end	077 0
78			Gray	AHU				078 0
79			Green	Exhaust Vent				079 0.01
80			Gray	Electrical Box				080 0
81			Brown	Roof Drain Cover				081 0.01
82			Gray	Roof Hatch				082 0.04
83				Flashing				083 0.09
84	Exterior West	W. Wall	WH	Vent duct	Metal		W. end @ middle of wall	084 0
85			WH	Duct Connector				085 0
87			Brown	Vent Pipe				087 0.05
88			WH	Vent Cover				088 0
89			WH	Wall	CMU		W. end	089 0

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 Quincy St.

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
90	Exterior East	E. Wall	WH	Gutter	Metal		Downspout	090	0
91	↓	↓	↓	Drain	concrete			091	0.01
92	↓	↓	↓	Lintel	Metal			092	0
93	Calibration							093	4.43
94	↓							094	1.1
97	↓							097	1.1
98	↓							098	1.8
99	Warehouse 1	N. Wall	Wh	Roll up door casing	wood	I		099	0
100	↓	↓	↓	↓	Metal	↓		100	0
101	↓	↓	↓	Roll up door	↓	↓		101	0.01
102	↓	↓	Gry	wall	DW	↓		102	0.6
103	↓	↓	↓	Conduit	Metal	↓		103	0
104	↓	E. Wall	ORG	door	wood	↓		104	0
105	↓	↓	Wh	door casing	Metal	↓		105	0
106	↓	↓	↓	door comb	↓	↓		106	0
107	East side Front Room	N. Wall	↓	door casing	wood	↓		107	0
108	↓	E. Wall	Pipl	Electrical panel	Metal	↓		108	0
109	East side Back Room	N. Wall	Lt. Gn.	Conduit	↓	↓		109	0.12
110	↓	N. Wall	Wh	door	↓	↓		110	0
111	↓	↓	↓	door casing	↓	↓		111	0

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 Quincy St

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
112	East - Back Room	W. Wall	Wh	door jamb	metal	I		112	0
113	"	N. Wall	Wh	"	Wood	"		113	0
114	Warehouse 1	"	"	wainscott	"	"		114	0
115	"	W. Wall	"	hand rail	metal	"		115	0.02
116	"	"	Blue	door	wood	"		116	0
117	"	"	Wh	door casing	metal	"		117	0.03
118	"	"	"	door jamb	"	"		118	0.08
119	"	"	Wh	Wall	DW	"		119	0
120	"	"	"	conduit	metal	"		120	0
121	"	S. Wall	Gry	hand rail	"	"		121	0.06
122	"	"	Wh	door	"	"	- Exterior door	122	0.11
123	"	"	"	door casing	"	"		123	0.3
124	"	"	"	Stair riser	Concrete	"		124	0.01
125	Warehouse 2	E. Wall	Gry	door	metal	"		125	0
126	"	"	"	door casing	"	"		126	0.01
127	"	"	"	door jamb	"	"		127	0.02
128	"	"	Wh	Wall	DW	"		128	0
129	SW Room	Floor	Red	floor	tile	"		129	0
130	"	E. Wall	Wh	Wall	CMU	"		130	0
131	"	W. Wall	"	fan	metal	"		131	0.03

JOB# 18212

DATE: 4/30/18

PAGE 6 OF 10

JOB NAME: 1425 Quincy St

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
132	SW Room	W. Wall	Wh	Wall	plaster	I		132 0
133	↓	E. Wall	Gry	door	metal	↓		133 0
134		↓	↓	door casing	↓			134 0
135				door jamb				135 0
136		Ceiling	Wh	Ceiling	plaster			136 0
137	Warehouse 2	W. Wall	Gry	wall panel	wood			137 0
138	↓	↓	↓	door	metal		Ext. door	138 0.21
139				door casing	↓			139 0.15
140				door jamb				140 0.1
141	West Bathroom	E wall	Blue	Wall	ceramic tile			141 0.03
143	↓	floor	Blue	floor	↓			143 0.04
144		N. Wall	Wh	Sink	ceramic			144 0.01
145		↓	↓	toilet	↓			145 0.5
146		E. Wall		Shelf	wood			146 0
147		↓		Shelf support	↓			147 0
148		S. Wall		Wall	CMU			148 0.02
149	↓	Ceiling		Ceiling	plaster			149 0
150	Custodial closet	N. wall		Slop Sink	metal			150 2.2
151	Warehouse 2 Men's Room	W. Wall	Wh	Wall	tile ceramic			151 0.02
152	↓	N. Wall	↓	Urinal	Ceramic			152 0.28

JOB# 18212

DATE: 9/30/18

JOB NAME: 1425 Quincy St

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
153	Warehouse 2 Bathroom (Men)	N. wall	Wh	Sink	Ceramic	I		153	0.01
154		S. wall	/	Toilet	/	/		154	1.7
155		floor	tan	floor	/			155	0.01
156		S. wall	/	Stall door	Metal			156	0
157		Ceiling	Wh	Ceiling	Plaster			157	0.01
158	(Woman)	N. wall	WH	wall	Ceramic Tile			158	0.01
159		/	WH	Sink	Ceramic			159	0.02
160		S. wall	/	Toilet	↓			160	0.4
161		N. wall	/	Radiator cover	Metal			161	0
162		Floor/wall	Gray	Floor	ceramic Tile			162	0.01
163		S. wall	WH	Stall Divider	Metal			163	0
164	Warehouse 2	N. wall	Gry	hand rail	/			164	0.08
165	Preschool Area	/	Wh	door	/			165	0.21
166		/	/	door casing	/			166	0.04
167		W. wall	/	window sill	wood			167	0
168		/	Grn	wainscott	/			168	0
169		/	Wh	Chair rail	/			169	0
170		S. wall	wh	window casing	/		Ext. window	170	0
171		/	/	window sill	/			171	0
172		/	/	door jamb	/			172	0

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 Quincy St

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
173	Preschool Area	floor	Gry	floor	quarry tile	I		173	0.02
175	Preschool Evening Restroom	W. wall	Blue	wall	ceramic tile			175	0.03
176	Front Mens Room (By Breakroom)	N. wall	wh	"	"			176	0.02
177	↓	floor	Gry	floor	"			177	0.01
178		E. wall	wh	toilet	ceramic			178	0.01
179		S. wall	"	sink	"			179	0.01
180	↓	E. wall	"	radiator cover	metal			180	0.01
183	Break Room	S. wall	"	wall	plaster			183	0.13
184		"	"	pipe	metal			184	0.1
185		floor	Red	ivory tile	↔ floor			185	0
186		N. wall	wh	window sill	wood			186	0
187		"	"	window casing	"			187	0.16
188		"	"	window	"			188	0.09
189		Ceiling	"	Ceiling	plaster			189	0.1
190		E. wall	"	Shelf	wood			190	0.07
191		"	"	Shelf support	"			191	0.06
192	Supv. office	N. wall	tan	~~Cap~~ Windowsill	composite			192	0
194	↓	"	wh	window	wood			194	0.3
195	Middle Carpet Room	N. wall	wh	door	metal			195	0
196	↓	"	"	door casing	"			196	0

JOB# 18212

DATE: 4/30/18

JOB NAME: 1425 Quincy

ADDRESS: Arlington, VA

NITON XLP 300
FIELD FORM

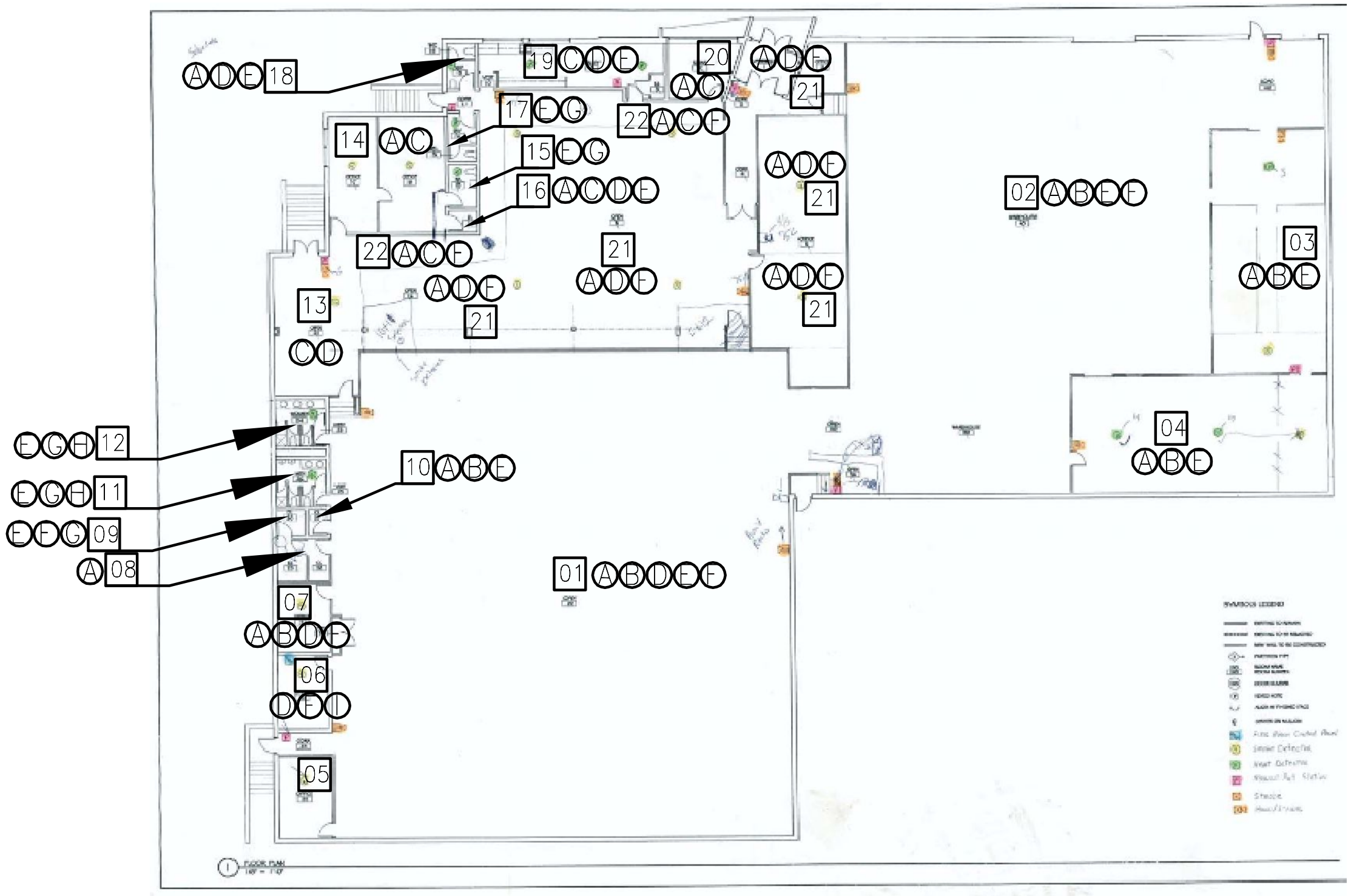
TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
197	Middle Carpet Rooms	center	BLK	column	plaster	I		197 **0.04**
198	main Lobby	N. wall	Gry	wall	Brick	/		198 0
199	/	/	Blk	door casing	metal	/		199 **0.01**
200	/	W. wall	wh	Crown molding	wood	/		200 0
201	Calibration							201 ***1.1***
203	/							203 ***1.1***
204	/							204 ***1.1***

JOB# 18212

DATE: 4/30/18

PAGE 10 OF 10

APPENDIX C: ACM LOCATION DRAWING



AMA AREA DESIGNATION

ASBESTOS CONTAINING MATERIALS:

- A BLACK FLOOR TILE MASTIC
- B CONTAMINATED 12"X12" WHITE WITH GRAY STREAKS FLOOR TILE
- C DRYWALL JOINT COMPOUND/ASSOCIATED DRYWALL
- D MUDDED PIPE FITTING INSULATION
- E ASSUMED PIPE & PIPE FITTING INSULATION
- F ASSUMED FIRE DOOR INSULATION
- G ASSUMED CERAMIC WALL TILE MASTIC
- H ASSUMED MIRROR MASTIC
- I ASSUMED CLOTH ELECTRIC WIRING INSULATION

ACM LOCATION DRAWING
1425 NORTH QUINCY STREET
ARLINGTON, VIRGINIA 22207

PROJECT NO.: 18
DATE: May 11, 2
SCALE: NOT TO SCA
TITLE:
ACM LOCATION DRAWI
SHEET:

APPENDIX D: AMA PERSONNEL/LABORATORY CERTIFICATIONS

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

JORGE LOPEZ

has met the attendance requirements and successfully completed the course entitled

1-DAY EPA AHERA INSP/MGMT PLANNER REFRESHER

For Accreditation Under TSCA Title II

08/22/2017	08/22/2017	8/22/2018	STEVE SIERACKI
Course Date	***Exam Date***	***Expiration Date***	***Principal Instructor***

AIMPR08222017-3	VAAIMPR08222017-3	E. Rush Barnett
Certification No.	***Virginia Certification No.***	***Course Director***

1331 Ashton Road *P.O.Box 646* *Hanover, MD 21076* *P: 410-684-3327* *F: 410-684-3724*

www.amatraining.com

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
06-30-2018

NUMBER
3303003969

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

JORGE RAUL LOPEZ GUZMAN
110 GOLDSTEIN ROAD
PRINCE FREDERICK, MD 20678

DPOR

Jay W. DeBoer, Director

Status can be verified at http://www.dpor.virginia.gov

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

(DETACH HERE)

DPOR COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE
NUMBER: 3303003969 EXPIRES: 06-30-2018

JORGE RAUL LOPEZ GUZMAN
110 GOLDSTEIN ROAD
PRINCE FREDERICK, MD 20678

(FOLD)

Status can be verified at http://www.dpor.virginia.gov

DPOR-PC (02/2017)

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

PATRICK LASHIER

has met the attendance requirements and successfully completed the course entitled

4-HOUR EPA AHERA INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

06/30/2017	06/30/2017	6/30/2018	DAVID TRUMAN	David Truman
Course Date	***Exam Date***	***Expiration Date***	***Principal Instructor***	

AIR06302017-4	VAAIR06302017-4	E. Rush Barnett	E. Rush Barnett
Certification No.	***Virginia Certification No.***	***Course Director***	

1331 Ashton Road *P.O.Box 646* *Hanover, MD 21076* *P: 410-684-3327* *F: 410-684-3724*

www.amatraining.com

DPOR License Lookup License Number 3303004148

License Details

Name	LASHIER, PATRICK FRANCIS
License Number	3303004148
License Description	Asbestos Inspector License
Rank	Asbestos Inspector
Address	BALTIMORE, MD 21234
Initial Certification Date	2016-03-18
Expiration Date	2019-03-31

DPOR License Lookup build 1,198 (built 2017-07-13 02:34:41).

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

ROBERT F. SCHOENNAGEL, JR.

has met the attendance requirements and successfully completed the course entitled

1-DAY EPA ASBESTOS INSP/MGMT PLANNER REFRESHER

For Accreditation Under TSCA Title II

12/18/2017	12/18/2017	12/18/2018	STEVE SIERACKI
Course Date	***Exam Date***	***Expiration Date***	***Principal Instructor***

AIMPR12182017-6	VAAIMPR12182017-6	E. Rush Barnett
Certification No.	***Virginia Certification No.***	***Course Director***

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COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
03-31-2019

NUMBER
3303002832

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

ROBERT FRANCIS SCHOENNAGEL JR
11424 REISBERG LANE
MARRIOTTSVILLE, MD 21104-0000

Status can be verified at http://www.dpor.virginia.gov

Jay W. DeBoer, Director

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DPOR-LIC (02/2017)

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COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE
NUMBER: 3303002832 EXPIRES: 03-31-2019

ROBERT FRANCIS SCHOENNAGEL JR
11424 REISBERG LANE
MARRIOTTSVILLE, MD 21104-0000

(FOLD)

Status can be verified at http://www.dpor.virginia.gov

DPOR-PC (02/2017)

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
10-31-2018

NUMBER
3356000665

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
LEAD RISK ASSESSOR LICENSE

ROBERT FRANCIS SCHOENNAGEL JR
11424 REISBERG LANE
MARRIOTTSVILLE, MD 21104-0000

DPOR

Status can be verified at http://www.dpor.virginia.gov

Jay W. DeBoer, Director

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

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DPOR COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
LEAD RISK ASSESSOR LICENSE
NUMBER: 3356000665 EXPIRES: 10-31-2018

ROBERT FRANCIS SCHOENNAGEL JR
11424 REISBERG LANE
MARRIOTTSVILLE, MD 21104-0000

(FOLD)

Status can be verified at http://www.dpor.virginia.gov

DPOR-PC (02/2017)

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

ROBERT F. SCHOENNAGEL, JR.

11424 REISBERG LANE
MARRIOTTSVILLE , MD 21104

has met the attendance requirements and successfully completed the course entitled

1-DAY LEAD RISK ASSESSOR REFRESHER

This Training Meets the Certification Requirements for DC, MD & VA

06/17/2016	06/17/2016		MIKE DRABO
Course Date	***Exam Date***		***Principal Instructor***
6/17/2018	6/17/2019	6/17/2018	
MD Expiration Date	***VA Expiration Date***	***DC Expiration Date***	
63155	VA63155	63155	E. Rush Barnett
Certification No.	***VA Certification No.***	***DC Certification No.***	***Course Director***

DC Lead Training Provider Accreditation No. DC12-001-RA-R-16

1331 Ashton Road *P.O.Box 646* *Hanover, MD 21076* *P: 410-684-3327* *F: 410-684-3724*

www.amatraining.com

MARYLAND LEAD PAINT TRAINING

NAME ROBERT F. SCHOENNAGEL, JR.

DOB 4/19/71

CLASS CODE RAR

PROVIDER'S NAME AMA

EXPIRATION DATE 6/17/18

TRAINERS SIGNATURE / NUMBER 01

CARDHOLDER'S SIGNATURE

STATE OF MARYLAND

NOTE: This is not proof of accreditation

CARD# 63155

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

JESSICA WOLTEMATE

has met the attendance requirements and successfully completed the course entitled

4-HOUR EPA ASBESTOS INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

12/28/2018	12/28/2018	12/28/2019	DAVID TRUMAN	David Truman
Course Date	***Exam Date***	***Expiration Date***	***Principal Instructor***	
AIR12282018-18	VAAIR12282018-18		E. Rush Barnett	E. Rush Barnett
Certification No.	***Virginia Certification No.***		***Course Director***	

1331 Ashton Road P.O.Box 646 Hanover, MD 21076 P: 410-684-3327 F: 410-684-3724

www.amatraining.com

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
11-30-2019

NUMBER
3303004477

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

JESSICA WOLTEMATE
1316 HOUBERT ST
BALTIMORE, MD 21230

DPOR

Status can be verified at http://www.dpor.virginia.gov

Jay W. DeBoer, Director

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)
(DETACH HERE)

DPOR COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE
NUMBER: 3303004477 EXPIRES: 11-30-2019

JESSICA WOLTEMATE
1316 HOUBERT ST
BALTIMORE, MD 21230

(FOLD)

Status can be verified at http://www.dpor.virginia.gov

DPOR-PC (02/2017)

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

ANTHONY WILLIAMS

has met the attendance requirements and successfully completed the course entitled

3-DAY EPA ASBESTOS INSPECTOR

For Accreditation Under TSCA Title II

06/11/2018 to 06/13/2018	06/13/2018	6/13/2019	STEVE SIERACKI
Course Date	***Exam Date***	***Expiration Date***	***Principal Instructor***

AI06112018-11	E. Rush Barnett
Certification No.	***Course Director***

1331 Ashton Road *P.O.Box 646* *Hanover, MD 21076* *P: 410-684-3327* *F: 410-684-3724*

www.amatraining.com

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101143-0

AMA Analytical Services, Inc.

Lanham, MD

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2017-07-01 through 2018-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMA Analytical Services, Inc.
4475 Forbes Blvd.
Lanham, MD 20706
Mr. Andreas Saldivar
Phone: 301-459-2640 Fax: 301-459-2643
Email: andreas@amalab.com
http://www.amalab.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 101143-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- Appendix E to Subpart E of Part 763 -- Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101143-0

AMA Analytical Services, Inc.

Lanham, MD

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Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2018-07-01 through 2019-06-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMA Analytical Services, Inc.
4475 Forbes Blvd.
Lanham, MD 20706
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Phone: 301-459-2640 Fax: 301-459-2643
Email: andreas@amalab.com
http://www.amalab.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 101143-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program