

**HAZARDOUS MATERIALS INSPECTION REPORT
OF THE
VIRGINIA HOSPITAL CENTER FACILITY
LOCATED AT
601 S. CARLIN SPRINGS ROAD
ARLINGTON, VIRGINIA**



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1.0 EXECUTIVE SUMMARY

Aerosol Monitoring & Analysis, Inc. (AMA) was contracted to perform a hazardous materials survey of the accessible interior areas of the Virginia Hospital Center located at 601 S. Carlin Springs Road, Arlington, VA. Exterior areas to include window and door systems were assessed by others. No sub-grade or destructive assessments were conducted during this investigation. The purpose of the investigation was to identify potential hazardous materials such as asbestos-containing materials (ACM), lead-based paint (LBP), and fluorescent fixtures containing mercury vapor lamps (MVL), that may be disturbed by the proposed demolition to the structures. Between October 7th-31st, 2019 AMA representatives Mr. Bob Bentz, Mr. Bryan Smalls, Mr. Eric Hruska, Mr. Ron Stallard, and Ms. Davidetta Mah were on-site to identify and evaluate ACMs, LBP and MVLs. Refer to Table III (Total Hazardous Materials Inventory) for a tabular listing of the hazardous materials identified and the quantities assessed during the investigation of the Building.

1.1 ASBESTOS-CONTAINING MATERIALS

AMA collected two-hundred four (204) bulk samples of suspect ACMs, which were identified throughout the accessible interior of the Virginia Hospital Center located at 601 S. Carlin Springs Road, Arlington, VA. Of the 204 bulk samples collected, Ten (10) were identified as containing greater than one percent (>1%) asbestos by polarized light microscopy (PLM) analysis. The EPA and the 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 inspection results of the Virginia Hospital Center, ACM was identified within the following materials:

- **Black Mastic On Foil Duct Insulation**
- **Black Mastic On Fiberglass Insulation**
- **Mudded Fitting Insulation**
- **Brown Duct Pin Mastic**
- **Black Floor Tile Mastic**

It was observed by AMA at the time of the inspection that certain areas of the Virginia Hospital Center which may contain suspect asbestos-containing materials were not accessible. Therefore, AMA made assumptions on the locations of possible suspect asbestos-containing materials, which may exist in these areas, and they are as follows:

- **Mudded Fitting Insulation (ACM) Assumed Present above fixed ceilings**
- **Pipe and Pipe Fitting Insulation (ACM) Assumed present above fixed ceilings, in wet walls, and throughout crawl space**
- **Elevator Cab and Door Insulation (Assumed ACM) Assumed Present throughout elevator door and cab**
- **Labeled Wood Fire Door (Assumed ACM)**
- **Labeled Metal Fire Door (Assumed ACM)**
- **Freezer Insulation (Assumed ACM)**

1.2 LEAD-BASED PAINT

Two-hundred and two (202) surfaces finished with suspect lead-based paint (LBP) were

tested during the investigation of the Virginia Hospital Center with the use of a Niton XLp 300 x-ray fluorescence analyzer (XRF). Six (6) of the tests/surfaces/building components were determined to contain greater or equal to (≥ 1.0) milligram of lead per square centimeter (mg/cm^2) of surface area tested, the amount defined as a LBP according to the Commonwealth of Virginia and the EPA. The OSHA has determined that surfaces with measurable amounts of lead must be handled in accordance with the OSHA Lead in Construction Standard (29 CFR 1926.62)

In general, the following building components were identified to have LBP:

Virginia Hospital Center

- **Gray/Teal/Pink/Beige Metal Stair Components**
- **Ceramic Wall Tiles**
- **Orange Metal I-Beam**
- **Beige Metal Exit Door**
- **Orange Metal Support Column**
- **Green Metal Tank Hanger**

There is no regulatory requirement to remove components that have lead based or lead containing paint prior to renovation/demolition. However, if these components are to be removed and disposed of, the Resource Conservation and Recovery Act (RCRA), 40 CFR 260-268 requires Toxic Characteristic Leachate Procedure (TCLP) testing of the waste stream for lead in order to determine if the material must be disposed of as a lead hazardous waste. Metal components may be recycled in lieu of disposal, thus eliminating the TCLP testing requirements. Any work that is conducted on painted surfaces with measureable amounts of lead must be done so in accordance with the OSHA Lead in Construction Standard 29 CFR 1926.62.

1.3 POLYCHLORINATED BIPHENYL'S

1.3.1 PCB BALLAST

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 were assumed to contain PCBs.

AMA performed a visual evaluation of representative light fixture ballasts utilizing a random selection method. Any ballast absent of the "No PCB's" label was assumed to contain PCBs. Based on this assessment, the ballasts observed by AMA had the "No PCB" label in various locations at the property. AMA identified approximately **2,700 light ballasts** throughout the property.

1.4 MERCURY VAPOR LAMPS

Reportable quantities of mercury are often found in fluorescent lamps and high intensity discharge (HID) lamps. Because of this fact, the fluorescent lamps and HID's found in the Virginia Hospital Center, 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 site, it was determined that there are approximately **5,000 fluorescent lamps** throughout the Building.

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

1.5 OTHER HAZARDOUS MATERIALS

During the inspection of the Virginia Hospital Center, at 601 S. Carlin Springs Rd, AMA observed Mercury thermostats (2) and Mercury Thermometers (2) throughout the building. In addition, AMA cautions the potential for mercury within the sink traps of past laboratory areas. During the inspection, AMA identified approximately 4 sink traps associated with lab areas.

2.0 METHODOLOGY

2.1 ASBESTOS-CONTAINING MATERIALS

2.1.1 SAMPLE COLLECTION

The initial phase of the evaluation for ACM involved the visual evaluation of the building. After reviewing and compiling documentation pertaining to the materials in the building, a strategy to sample suspect materials was formulated. The sampling involved observing accessible 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 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.

Sample analysis results are listed in Table I of this report.

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-BASED PAINT

2.2.1 TESTING STRATEGY

The initial phase of the evaluation for LBP involved a visual evaluation of painted surfaces. After reviewing and compiling documentation pertaining to the materials inside the building, a strategy to test suspect surfaces was formulated.

2.2.2 XRF TESTING

The investigation was performed using Niton XLp 300 XRF. The XLp 300 XRF contains a small radioactive source (Cadmium 109), which produces x-rays. The instrument emits radiation only when placed against a surface and the trigger is depressed. If the painted surface contains lead, the radiation will stimulate the lead atoms to emit a fluorescent field, which is sensed by a detector inside the unit. The XRF then converts these signals to a direct reading mg/cm² of surface area. The XLp 300 can detect the presence of lead to a depth of approximately 3/8-inch with a 95% confidence interval.

The XRF was calibrated in accordance with the manufacturer's instructions. Prior to obtaining readings from suspect surfaces, three calibration readings were performed on a National Institute for Science and Technology (NIST) Calibration Test Block and recorded. The NIST Calibration Block contains a known concentration of lead (1.02 mg/cm²) and the XRF must indicate 1.02 mg/cm² with a tolerance of + or - 0.3 mg/cm² for the average of the three readings. 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. Surfaces with lead levels ≥ 1.0 mg/cm² are defined as lead containing substances, in the Commonwealth of Virginia.

2.3 POLYCHLORINATED BIPHENYL'S

2.3.1 PCB BALLAST

A visual assessment of equipment and articles that may contain hazardous materials was made by AMA throughout the building. During the assessment, AMA observed and quantified suspect polychlorinated biphenyl containing ballast associated with fluorescent light fixtures. No sampling was performed of the electric fluid within the equipment.

2.4 MERCURY VAPOR LAMPS

A visual assessment of equipment and articles that may contain hazardous materials was made by AMA throughout the building. During the assessment, AMA observed and quantified suspect mercury bulbs and mercury vapor lamps associated with fluorescent light fixtures. No sampling was performed of the electric fluid within the equipment.

3.0 RESULTS

3.1 ASBESTOS-CONTAINING MATERIALS

AMA collected two-hundred four (204) bulk samples of suspect ACMs, which were identified throughout the accessible interior of the Virginia Hospital Center located at 601 S. Carlin Springs Road, Arlington, VA. Of the 204 bulk samples collected, Ten (10) were identified as containing greater than one percent (>1%) asbestos by polarized light microscopy (PLM) analysis. The EPA and the 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 inspection results of the Virginia Hospital Center, ACM was identified within the following materials:

- **Black Mastic On Foil Duct Insulation**
- **Black Mastic On Fiberglass Insulation**
- **Mudded Fitting Insulation**
- **Brown Duct Pin Mastic**
- **Black Floor Tile Mastic**

It was observed by AMA at the time of the inspection that certain areas of the Virginia Hospital Center which may contain suspect asbestos-containing materials were not accessible. Therefore, AMA made assumptions on the locations of possible suspect asbestos-containing materials, which may exist in these areas, and they are as follows:

- **Mudded Fitting Insulation (ACM) Assumed Present above fixed ceilings**
- **Pipe and Pipe Fitting Insulation (ACM) Assumed present above fixed ceilings, in wet walls, and throughout crawl space**
- **Elevator Cab and Door Insulation (Assumed ACM) Assumed Present throughout elevator doors and cabs**
- **Labeled Wood Fire Doors (Assumed ACM)**
- **Labeled Metal Fire Doors (Assumed ACM)**
- **Freezer Insulation (Assumed ACM)**

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 I). 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 Total Hazardous Materials Inventory Table III.

3.2 LEAD-BASED PAINT

Two-hundred and two (202) surfaces finished with suspect lead-based paint (LBP) were tested during the investigation of the Virginia Hospital Center with the use of a Niton XLP 300 x-ray fluorescence analyzer (XRF). Twenty-three (23) of the tests/surfaces/building

components were determined to contain greater or equal to (≥ 1.0) milligram of lead per square centimeter (mg/cm^2) of surface area tested, the amount defined as a LBP according to the Commonwealth of Virginia and the EPA. The OSHA has determined that surfaces with measurable amounts of lead must be handled in accordance with the OSHA Lead in Construction Standard (29 CFR 1926.62)

In general, the following building components were identified to have LBP:

Virginia Hospital Center

- **Gray/Teal/Pink/Beige Metal Stair Components**
- **Ceramic Wall Tiles**
- **Orange Metal I-Beam**
- **Beige Metal Exit Door**
- **Orange Metal Support Column**
- **Green Metal Tank Hanger**

There is no regulatory requirement to remove components that have lead based or lead containing paint prior to renovation/ demolition. However, if these components are to be removed and disposed of, the Resource Conservation and Recovery Act (RCRA), 40 CFR 260-268 requires Toxic Characteristic Leachate Procedure (TCLP) testing of the waste stream for lead in order to determine if the material must be disposed of as a lead hazardous waste. Metal components may be recycled in lieu of disposal, thus eliminating the TCLP testing requirements. Any work that is conducted on painted surfaces with measureable amounts of lead must be done so in accordance with the OSHA Lead in Construction Standard 29 CFR 1926.62.

Refer to the 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. Components finished with LBP are listed in the Positive XRF Readings Table II.

3.3 POLYCHLORINATED BIPHENYL'S

3.3.1 PCB BALLAST

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 were assumed to contain PCBs.

AMA performed a visual evaluation of representative light fixture ballasts utilizing a random selection method. Any ballast absent of the "No PCB's" label was assumed to contain PCBs. Based on this assessment, the ballasts observed by AMA had the "No PCB" label in various locations at the property. AMA identified approximately **2,700 light ballasts** throughout the property.

3.4 MERCURY VAPOR LAMPS

Reportable quantities of mercury are often found in fluorescent lamps. Because of this fact, the fluorescent lamps found in the Virginia Hospital Center, 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 site, it was determined that there are approximately **5,000 fluorescent lamps** throughout the Building.

4.0 CONCLUSIONS

4.1 ASBESTOS-CONTAINING MATERIALS

The US EPA and Commonwealth of Virginia require an inspection for asbestos be performed prior to renovation activities that may disturb such materials (EPA NESHAP 40 CFR Part 61, Subpart M). In addition, the building or facility owners are required to provide information regarding the presence quantity and location of asbestos containing materials to contractors bidding on or performing work at such facilities (OSHA Asbestos in Construction 29 CFR 1926.1101). Based on the results of the asbestos inspection, the identified materials must be abated if those materials will be impacted by renovation or demolition activities.

In dealing with asbestos materials during 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 the Code of Virginia Title 54.1, Chapter 5 would be the primary regulations impacting the work.

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.

Within the EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAP) Asbestos Regulations (40 CFR 61, Subpart M), all regulated asbestos-containing materials must be removed prior to renovation or demolition of a building, if they are to be impacted by the renovation/ demolition activities.

The Occupational Safety and Health Administration (OSHA,) in 29 CFR 1926.1101. "Asbestos in Construction" regulation, defines work involving the removal of asbestos-containing thermal system insulation (TSI) and surfacing material as Class I work. All other asbestos removal work would be defined as 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 calendar days in advance of an abatement project involving the removal of more than ten linear feet of friable ACM.

As the identified or assumed materials will be impacted by the demolition activities, then the asbestos materials would be required to be removed prior to disturbance. The removal would have to be conducted by trained and licensed asbestos abatement personnel utilizing approved engineering controls and personal protective equipment (PPE) established under the regulations.

AMA cautions that additional forms of asbestos may be located within inaccessible areas of the building not typically accessible without demolition occurring. We have included estimated quantities of such materials within our report and inventory tables (Table III), but additional materials may be encountered during renovation/ demolition activities.

4.2 LEAD-BASED PAINT

For projects, which will disturb lead containing paint, the paint must be handled in accordance with the requirements established by the EPA and OSHA.

There is no federal requirement to remove lead paint prior to 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 (ug/m^3) as an eight-hour time weighted average (TWA); the action level has been established at 30 ug/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.

All lead-containing waste is to be handled and disposed of as hazardous waste unless TCLP (toxic characteristic leaching procedure) testing is performed and indicates otherwise. 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, and glazed finishes are to be disposed of as general construction debris.

4.3 POLYCHLORINATED BIPHENYL'S

4.3.1 PCB BALLAST

In the event PCB-containing light ballasts are encountered during demolition, they should be disposed of in accordance with current EPA regulations.

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

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

These two laws can 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 PCBs (approximately 16 ballasts) in a sanitary landfill. Prudent policy would follow the more stringent of the two regulations.

Each of these laws is discussed in more detail below. The other Federal regulations that refer to PCBs are discussed toward the end of this section.

TSCA does not regulate the disposal of non-leaking, intact "Small Capacitors", defined as containing less than one kilogram (approximately 3 pounds) of PCB dielectric fluid. Lighting ballasts contain a Small PCB Capacitor and as a result are unregulated for disposal.

The exceptions to this rule are as follows:

- 1) If the Small Capacitor or ballast is leaking PCBs.
- 2) If the ballast is owned by a company which, at any time in the past, manufactured equipment which contained PCBs;
- 3) If the asphalt potting material inside the ballast contains PCBs in excess of 50 ppm.

If a ballast meets any of these criteria, then it must be disposed of by incineration in a TSCA-approved facility or in a chemical waste landfill (after the PCB liquids are drained). The latter is usually impractical for a light ballast. All ballast manufacturers are required to incinerate their ballasts.

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.

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.

4.4 MERCURY VAPOR LAMPS

The regulatory level for mercury established by the EPA in 40 CFR Part 261 is 0.20 milligrams per liter (mg/l). The fluorescent tubes and HID Lamps observed at the building should be considered a hazardous waste for mercury under the Resource Conservation and Recovery Act (RCRA); 40 CFR 261. When this type of fluorescent tube/lamp is removed, they should be handled, stored, labeled, and disposed of as a hazardous waste. It is possible to reuse the light tubes within the fixtures at other buildings, but this would still require removal and packaging.

There are no specific training requirements for PCB and 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

During the inspection of the Virginia Hospital Center, at 601 S. Carlin Springs Rd, AMA observed mercury thermostats (2) and mercury thermometers (2) throughout the building. In addition, AMA cautions the potential for mercury within the sink traps of past laboratory areas as a result of broken thermometers. During the inspection, AMA identified approximately 4 sink traps associated with lab areas. The mercury thermostats and thermometers observed at the building should be considered a hazardous waste for mercury under the Resource Conservation and Recovery Act (RCRA); 40 CFR 261. When this type of thermometer/thermostat is removed, they should be handled, stored, labeled, and disposed of as a hazardous waste.

TABLE I: ASBESTOS BULK SAMPLE RESULTS

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
October 24, 2019			
194151021-01	Rough Plaster (1 st Layer)	AMA-49 Northwest Corner, 15' From North Wall, 10' From West Wall At Ceiling	No Asbestos Detected
194151021-02	Rough Plaster (2 nd Layer)	AMA-49 Northwest Corner, 15' From North Wall, 10' From West Wall At Ceiling	No Asbestos Detected
194151021-03	Rough Plaster (1 st Layer)	AMA-49 Southwest Corner, 6' From West Wall, 6' From South Wall	No Asbestos Detected
194151021-04	Rough Plaster (2 nd Layer)	AMA-49 Southwest Corner, 6' From West Wall, 6' From South Wall	No Asbestos Detected
194151021-05	Rough Plaster (1 st Layer)	AMA-49 Along North Wall 10' From West Wall	No Asbestos Detected
194151021-06	Rough Plaster (2 nd Layer)	AMA-49 Along North Wall 10' From West Wall	No Asbestos Detected
194151021-07	White Pipe Seam Sealant (Old)	AMA-49 18' From North Wall, 6' From West Wall, 6' From Floor	No Asbestos Detected
194151021-08	End Cap Sealant (New)	AMA-49 10' South Of Main Boiler Room Door	No Asbestos Detected
194151021-09	Spray Applied Fire Proofing	AMA-49 Along South Wall, 20' From East Wall	No Asbestos Detected
194151021-10	Spray Applied Fire Proofing	AMA-49 Along South Wall, In Front Of Main Entrance Stairs	No Asbestos Detected
194151021-11	Spray Applied Fire Proofing	AMA-49 Along North Wall, 10' From East Wall	No Asbestos Detected
194151021-12	Spray Applied Fire Proofing	AMA-49 Along North Wall, 10' From West Wall	No Asbestos Detected
194151021-13	Green Canvas Mudded Duct	AMA-49 10' From South Wall, 15' From East Wall, 10' From Floor	No Asbestos Detected
194151021-14	Green Canvas Mudded Duct	AMA-49 10' From South Wall, 15' From East Wall, 10' From Floor	No Asbestos Detected
194151021-15	White Pipe Seam Sealant (New)	AMA-49 10' From North Wall, 15' From East Wall	No Asbestos Detected
194151021-16	End Cap Sealant (Old)	AMA-49 15' From South Wall, 20' From West Wall	No Asbestos Detected
194151021-17	12"X12" White With Gray Specks Floor Tile	AMA-49 Panel Room At Door Threshold	No Asbestos Detected
194151021-18	Black Floor Tile Mastic	AMA-49 Panel Room At Door Threshold	3% Chrysotile
194151021-19	2'x2' Rough Ceiling Tile	AMA-60 14' From East Wall, 6' From North Wall	No Asbestos Detected
194151021-20	Cloth Vibration Dampner	AMA-49 West Of Panel Room	No Asbestos Detected

Table 1-1

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
		Entrance, 4' From Floor	
194151021-21	Cloth Vibration Dampner	AMA-49 West Of Panel Room Entrance, 4' From Floor	No Asbestos Detected
194151021-22	Rough Plaster (1 st Layer)	AMA-61 Northeast Corner, 10' From North Wall, 5' From East Wall	No Asbestos Detected
194151021-23	Rough Plaster (2 nd Layer)	AMA-61 Northeast Corner, 10' From North Wall, 5' From East Wall	No Asbestos Detected
194151021-24	Rough Plaster (1 st Layer)	AMA-61 Northeast Corner, 5' From North Wall, 5' From East Wall	No Asbestos Detected
194151021-25	Rough Plaster (2 nd Layer)	AMA-61 Northeast Corner, 5' From North Wall, 5' From East Wall	No Asbestos Detected
194151021-26	Rough Plaster (1 st Layer)	AMA-61 Northwest Corner, 20' From North Wall, 5' From West Wall	No Asbestos Detected
194151021-27	Rough Plaster (2 nd Layer)	AMA-61 Northwest Corner, 20' From North Wall, 5' From West Wall	No Asbestos Detected
194151021-28	Rough Plaster (1 st Layer)	AMA-319 Northwest Corner, At Ceiling	No Asbestos Detected
194151021-29	Rough Plaster (2 nd Layer)	AMA-319 Southwest Corner At Ceiling.	No Asbestos Detected
194151021-30	Ceramic Tile Grout	AMA-61 Outside North Of Entrance To AMA-62	No Asbestos Detected
194151021-31	Smooth Plaster (1 st Layer)	AMA-61 10' From South Wall, 25' From West Wall	No Asbestos Detected
194151021-32	Smooth Plaster (2 nd Layer)	AMA-61 10' From South Wall, 25' From West Wall	No Asbestos Detected
194151021-33	Smooth Plaster (1 st Layer)	AMA-61 20' From South Wall, 25' From West Wall	No Asbestos Detected
194151021-34	Smooth Plaster (2 nd Layer)	AMA-61 20' From South Wall, 25' From West Wall	No Asbestos Detected
194151021-35	Black Tar Paper Wrap	AMA-12 Above Ceiling, 5' From North Wall	No Asbestos Detected
194151021-36	Black Tar Paper Wrap	AMA-15 Above Ceiling At Door Threshold	No Asbestos Detected
194151021-37	White Pipe Seam Sealant (Old)	AMA-60 Above Ceiling, 10' From West All	No Asbestos Detected
194151021-38	White Pipe Seam Sealant (Old)	AMA-108 Above Ceiling, At Door Threshold	No Asbestos Detected
194151021-39	Transite Window Sill	AMA-60 At Southwest Corner Window	No Asbestos Detected
194151021-40	Transite Window Sill	AMA-359 At North Corner Window	No Asbestos Detected

Table 1-2

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
194151021-41	Drywall	AMA-60 4' East Of Easternmost Entrance 4' From Floor	No Asbestos Detected
194151021-42	Joint Compound	AMA-60 4' East Of Easternmost Entrance 4' From Floor	No Asbestos Detected
194151021-43	Tan Baseboard Mastic	AMA-61 Along North Wall, 15' From West Wall	No Asbestos Detected
194151021-44	12"X12" Tan Mottled Floor Tile	AMA-43 Northeast Corner, At Floor	No Asbestos Detected
194151021-45	Tan Floor Tile Mastic	AMA-43 Northeast Corner, At Floor	No Asbestos Detected
194151021-46	2'x4' Fissured Pinhole Ceiling Tile	AMA-43 6' From North Wall, 6' From West Wall	No Asbestos Detected
194151021-47	2'x4' Crater Pinhole Ceiling Tile	AMA-45 Southeast Corner At Ceiling	No Asbestos Detected
194151021-48	Gray Metal Duct Seam Sealant	AMA-16 Along West Wall, 6' From South Wall	No Asbestos Detected
194151021-49	Smooth Plaster (1 st Layer)	AMA-05 8' From North Wall, 20' From West Wall	No Asbestos Detected
194151021-50	Smooth Plaster (2 nd Layer)	AMA-05 8' From North Wall, 20' From West Wall	No Asbestos Detected
194151021-51	Mudded Fitting	AMA-05 8' From North Wall, 20' From West Wall	5% Chrysotile
194151021-52	Black Mastic On Foil Duct	AMA-06 Above Ceiling, At Door Threshold	5% Chrysotile
194151021-53	Cement Paper Support	AMA-61 20' From South Wall, 25' From West Wall, Above Ceiling	No Asbestos Detected
194151021-54	Black Floor Tile Mastic mixed with yellow carpet mastic	AMA-05 At Westernmost Door Threshold	2% Chrysotile
194151021-55	12"X12" Blue Mottled Floor Tile	AMA-02 At Northeast Corner At Floor	No Asbestos Detected
194151021-56	12"X12" White Floor Tile	AMA-01 At Southwest Corner	No Asbestos Detected
194151021-57	12"X12" White Floor Tile	AMA-01 At Southwest Corner	No Asbestos Detected
194151021-58	12"X12" Gray Mottled Floor Tile	AMA-01 At Southwest Corner	No Asbestos Detected
194151021-59	Drywall	AMA-01 Along South Partition Wall, East Of Double Doors	No Asbestos Detected
194151021-60	Joint Compound	AMA-01 Along South Partition Wall, East Of Double Doors	No Asbestos Detected
194151021-61	Tan Duct Seam Sealant On Foil	AMA-01 Boiler Room, At North End Of Duct	No Asbestos Detected
194151021-62	Tan Duct Seam Sealant On Foil	AMA-01 Boiler Room, At North End Of Duct	No Asbestos Detected
194151021-63	Tan Duct Seam Sealant On Metal	AMA-01 Boiler Room At South End Of Duct	No Asbestos Detected
194151021-64	Tan Duct Seam Sealant On Metal	AMA-01 Boiler Room At South End Of Duct	No Asbestos Detected

Table 1-3

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
194151021-65	Spray Applied Fire Proofing	Along Northeast Corner Of Ceiling	No Asbestos Detected
194151021-66	Red Fire Stop	AMA-01 Boiler Room Along West Wall, 10' From North Wall	No Asbestos Detected
194151021-67	12"X12" White With Pink Specks Floor Tile	AMA-01 Kitchenette 10' From West Wall, 5' From North Wall	No Asbestos Detected
194151021-68	12"X12" White With Pink Specks Floor Tile	AMA-01 Kitchenette, 5' From West Wall, 3' From North Wall	No Asbestos Detected
194151021-69	White Pipe Seam Sealant (Old)	AMA-01 Kitchenette Closet	No Asbestos Detected
194151021-70	Yellow Carpet Mastic	AMA-109 At Door Entrance Under Carpet	No Asbestos Detected
194151021-71	12"X12" White With Green Specks Floor Tile	AMA-107 Along West Wall, 20' From South Wall On Floor	No Asbestos Detected
194151021-72	Tan Floor Tile Mastic	AMA-107 Along West Wall, 20' From South Wall On Floor	No Asbestos Detected
194151021-73	Black Mastic On Fiberglass Pipe	AMA-107 6' From East Wall, 32' From North Wall, Above Ceiling	5% Chrysotile
194151021-74	Black Mastic On Fiberglass Pipe	AMA-02 Along South Wall, 20' From West Wall, Above Ceiling	5% Chrysotile
194151021-75	Tan Baseboard Mastic	AMA-107 Along South Wall	No Asbestos Detected
194151021-76	12"X12" White With Red Specks Floor Tile	AMA-12 3' From West Wall, 12' From North Wall	No Asbestos Detected
194151021-77	12"X12" White With Red Specks Floor Tile	AMA-134 Along South Wall, 20' From East Wall	No Asbestos Detected
194151021-78	White Baseboard Mastic	AMA-114 Along North Wall, 2' From Door	No Asbestos Detected
194151021-79	White Baseboard Mastic	AMA-114 Along North Wall 15' From Door	No Asbestos Detected
194151021-80	Drywall	AMA-107 Along West Wall Above Drop Ceiling	No Asbestos Detected
194151021-81	Joint Compound	AMA-107 Along West Wall Above Drop Ceiling	No Asbestos Detected
194151021-82	Ceramic Tile Grout	AMA-138 Along West Wall	No Asbestos Detected
194151021-83	12"X12" Pink Mottled Floor Tile	AMA-123, Along North Wall, 10' From West Wall	No Asbestos Detected
194151021-84	12"X12" Pink Mottled Floor Tile	AMA-140 In Middle Of Hallway	No Asbestos Detected
194151021-85	Tan Light Mastic	AMA-145 At Light Above Ceiling	No Asbestos Detected
194151021-86	Tan Light Mastic	AMA-148 At Light Above Ceiling	No Asbestos Detected
194151021-87	Drywall	AMA-123 Along South Wall, 6' From West Wall	No Asbestos Detected
194151021-88	2'x4' Smooth Ceiling Tile	AMA-123 Along South Wall, 6' From West Wall	No Asbestos Detected

Table 1-4

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
194151021-89	Joint Compound	AMA-123 Along South Wall, 6' From West Wall	No Asbestos Detected
194151021-90	12"X12" Cream Mottled Floor Tile	AMA-123 Along South Wall, 2' From East Wall At Floor	No Asbestos Detected
194151021-91	Gray Sink Mastic	AMA-123 Along North Wall Under Sink	No Asbestos Detected
194151021-92	Black Floor Tile Mastic	AMA-123 Along South Wall, 2' From East Wall At Floor	5% Chrysotile
194151021-93	12"X12" Cream Mottled Floor Tile	AMA-128 Along Northwest Corner	No Asbestos Detected
194151021-94	12"X12" White With Brown Specks Floor Tile	AMA-121 Along Southeast Corner	No Asbestos Detected
194151021-95	12"X12" White With Brown Specks Floor Tile	AMA-122 Along Northeast Corner	No Asbestos Detected
194151021-96	White Duct Seam Sealant On Metal	AMA- 141 Above Drop Ceiling At Reception Desk	No Asbestos Detected
194151021-97	White Duct Seam Sealant On Metal	AMA-128 Above Drop Ceiling Throughout	No Asbestos Detected
194151021-98	12"X12" Blue Mottled Floor Tile	AMA-11 In Middle Of Hallway	No Asbestos Detected
194151021-99	White Duct Seam Sealant On Foil	AMA-141 Above Drop Ceiling By Reception Desk	No Asbestos Detected
194151021-100	White Duct Seam Sealant On Foil	AMA-243 Above Drop Ceiling By Entrance	No Asbestos Detected
194151021-101	Black Sink Mastic	AMA-120 Along East Under Sink	No Asbestos Detected
194151021-102	Black Sink Mastic	AMA-130 Along East Wall Under Sink	No Asbestos Detected
194151021-103	Smooth Plaster (1 st Layer)	AMA-118 Along North Wall 2' From North Door	No Asbestos Detected
194151021-104	Smooth Plaster (2 nd Layer)	AMA-118 Along North Wall 2' From North Door	No Asbestos Detected
194151021-105	2"X4" Fissured Pinhole Ceiling Tile	AMA-321 Along East Wall, 8' From North Wall	No Asbestos Detected
194151021-106	Smooth Plaster (1 st Layer)	AMA-321 Along East Wall, 8' From North Wall, Above Ceiling	No Asbestos Detected
194151021-107	Smooth Plaster (2 nd Layer)	AMA-321 Along East Wall, 8' From North Wall, Above Ceiling	No Asbestos Detected
194151021-108	Smooth Plaster (1 st Layer)	AMA-321 Southeast Corner Above Ceiling	No Asbestos Detected
194151021-109	Smooth Plaster (2 nd Layer)	AMA-321 Southeast Corner Above Ceiling	No Asbestos Detected
194151021-110	12"X12" Green Mottled Floor Tile	AMA-339 At Middle Of Hallway	No Asbestos Detected
194151021-111	2'x4' Cratered Pinhole Ceiling Tile	AMA-339 Middle Of Hallway At Ceiling	No Asbestos Detected
194151021-112	Black Mastic On Canvas Duct	AMA-339 Along North Wall, 26' From East Wall, Above	No Asbestos Detected

Table 1-5

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
		Ceiling	
194151021-113	Black Mastic On Canvas Duct	AMA-339 Along North Wall, 26' From East Wall, Above Ceiling	No Asbestos Detected
194151021-114	12"X12" Green Mottled Floor Tile	AMA-254 At Middle Of Hallway	No Asbestos Detected
194151021-115	Gray Sink Mastic	AMA-117 Along South Wall Under Sink	No Asbestos Detected
194151021-116	Smooth Plaster (1 st Layer)	AMA-338 At Southeast Corner Of West Side Of Room, 4' From Floor	No Asbestos Detected
194151021-117	Smooth Plaster (2 nd Layer)	AMA-338 At Southeast Corner Of West Side Of Room, 4' From Floor	No Asbestos Detected
194151021-118	2'x2' Textured Ceiling Tile	AMA-303 2' From South Wall, 4' From East Wall At Ceiling	No Asbestos Detected
194151021-119	2'x2' Textured Ceiling Tile	AMA-305 4' From East Wall, 2' From North Wall	No Asbestos Detected
194151021-120	Black Vapor Barrier	AMA-305 4' From East Wall, 2' From North Wall	No Asbestos Detected
194151021-121	Drywall	AMA-305 4' From East Wall, 2' From North Wall Above Drop Ceiling	No Asbestos Detected
194151021-122	Joint Compound	AMA-305 4' From East Wall, 2' From North Wall Above Drop Ceiling	No Asbestos Detected
194151021-123	12"X12" White With Black Specks Floor Tile	AMA-303 4' From West Wall, 2' From South Wall	No Asbestos Detected
194151021-124	12"X12" White With Black Specks Floor Tile	AMA-305 At Northeast Corner	No Asbestos Detected
194151021-125	12"X12" White With Green Specks Floor Tile	AMA-287 At North End Of Hallway	No Asbestos Detected
194151021-126	Spray Applied Fire Proofing	AMA-291 At Southeast Corner Above Drop Ceiling	No Asbestos Detected
194151021-127	Spray Applied Fire Proofing	AMA-291 At Southwest Corner Above Drop Ceiling	No Asbestos Detected
194151021-128	Gray Metal Duct Seam Sealant	AMA-291 4' From East Wall, 9' From North Wall	No Asbestos Detected
194151021-129	Drywall	AMA-291 Along East Wall, 9' From North Wall Above Drop Ceiling	No Asbestos Detected
194151021-130	Joint Compound	AMA-291 Along East Wall, 9' From North Wall Above Drop Ceiling	No Asbestos Detected
194151021-131	2'x2' Fissured Pinhole Ceiling Tile	AMA-292 At Northeast Corner, At Ceiling	No Asbestos Detected
194151021-132	2'x2' Fissured Pinhole Ceiling Tile	AMA-71 At Southwest Corner	No Asbestos Detected

Table 1-6

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
		At Ceiling	
194151021-133	12"X12" Gray Mottled Floor Tile	AMA-292 Along Northeast Corner At Floor	No Asbestos Detected
194151021-134	Black Vapor Barrier	AMA-228 At Door Threshold, Above Ceiling	No Asbestos Detected
194151021-135	Drywall	AMA-225 Above East End Exit Door, Above Ceiling	No Asbestos Detected
194151021-136	Joint Compound	AMA-225 Above East End Exit Door, Above Ceiling	No Asbestos Detected
194151021-137	12"X12" Blue Mottled Floor Tile	AMA-316 Along Southeast Corner	No Asbestos Detected
194151021-138	12"X12" Blue Mottled Floor Tile	AMA-318 Along Northwest Corner, At Floor	No Asbestos Detected
194151021-139	12"X12" Dark Blue Mottled Floor Tile	AMA-315 Along Southwest Corner, At Floor	No Asbestos Detected
194151021-140	12"X12" Dark Blue Mottled Floor Tile	AMA-316 Along Northwest Corner, At Floor	No Asbestos Detected
194151021-141	Mudded Fitting	AMA-320 Along East Wall, 6' From Exit Door At Ceiling	No Asbestos Detected
194151021-142	End Cap Sealant (New)	AMA-320 20' From North Wall, 10' From East Wall	No Asbestos Detected
194151021-143	End Cap Sealant (Old)	AMA-320 6' West Of Exit Door, 2' From North Wall, 8' From Floor	No Asbestos Detected
194151021-144	White Pipe Seam Sealant (New)	AMA-320 15' West Of Exit Door, 2' From North Wall 8' From Floor	No Asbestos Detected
194151021-145	White Duct Seam Sealant On Canvas	AMA-320 6' From West Wall, 10' From South Wall, 6' From Floor	No Asbestos Detected
194151021-146	Brown Duct Pin Mastic	AMA-320 @ Canvas Duct Near Stairwell	No Asbestos Detected
194151021-147	Brown Duct Pin Mastic	AMA-21 @ Duct Along North Wall	40% Chrysotile
194151021-148	12"X12" Gray Squared Floor Tile	AMA-51 Inside Elevator By Main Doors	No Asbestos Detected
194151021-149	12"X12" Gray Squared Floor Tile	AMA-73 At Corner Of Hallway On Floor	No Asbestos Detected
194151021-150	12"X12" Blue Multi Speck Floor Tile	AMA-352 Along South Wall, 6' From West Floor	No Asbestos Detected
194151021-151	12"X12" Blue Multi Speck Floor Tile	AMA- 353 Along North Wall, 5' From East Wall	No Asbestos Detected
194151021-152	12"X12" Black With White Specks Floor Tile	AMA-352 Along South Wall, 6' From West Floor	No Asbestos Detected
194151021-153	12"X12" Black With White Specks Floor Tile	AMA- 353 Along North Wall, 5' From East Wall	No Asbestos Detected
194151021-154	2'x4' Smooth Ceiling Tile	AMA-224 Along South Wall, 6'	No Asbestos Detected

Table 1-7

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
		High	
194151021-155	Brown Stair Tread Mastic	AMA-18 Underneath Stairs	No Asbestos Detected
194151021-156	Brown Stair Tread Mastic	AMA-46 Underneath Stairs	No Asbestos Detected
194151021-157	Paper Cement Support	AMA-62 Along West Wall Above Drop Ceiling	No Asbestos Detected
194151021-158	12"X12" Tan Mottled Floor Tile	AMA-359 Along South Wall 6' From West Wall	No Asbestos Detected
194151021-159	Black Mastic On Foil	AMA-2 Along West Wall 6' From North Wall Above Drop Ceiling	5% Chrysotile
194151021-160	Black Mastic On Foil	AMA-88 Along South Wall, Above Drop Ceiling	5% Chrysotile
194151021-161	Brown Metal Duct Seam Sealant	AMA-21 Along East Wall At Duct	No Asbestos Detected
194151021-162	Brown Metal Duct Seam Sealant	AMA-21 Along South Wall At Duct	No Asbestos Detected
194151021-163	Green Canvas Duct	AMA-21 Along East Wall At Duct	No Asbestos Detected
194151021-164	Green Canvas Duct	AMA-29 Along North Wall 3' From West Wall	No Asbestos Detected
194151021-165	White Duct Seam Sealant On Canvas	AMA-29 Along North Wall At Duct	No Asbestos Detected
194151021-166	2'x4' Small Pinhole Ceiling Tile	AMA-26 Along South Wall 4' From West Wall At Ceiling	No Asbestos Detected
194151021-167	2'x4' Small Pinhole Ceiling Tile	AMA-26 Along North Wall 10' From East Wall At Ceiling	No Asbestos Detected
194151021-168	12"X12" White With Gray Specks Floor Tile	AMA-262 Along North Wall 6' From East Wall At Color	No Asbestos Detected
194151021-169	2'x2' Rough Ceiling Tile	AMA-30 At Door Threshold	No Asbestos Detected
194151021-170	2'x2' Crater Pinhole Ceiling Tile	AMA-54 Along South Wall, 2' From West Wall	No Asbestos Detected
194151021-171	2'x2' Crater Pinhole Ceiling Tile	AMA-297 Along North Wall 4' From East Wall	No Asbestos Detected
194151021-172	Red Fire Stop	AMA-29 Along South Wall By Door	No Asbestos Detected
194151021-173	Green Canvas Tank	AMA-49 Along East Wall At Tank	No Asbestos Detected
194151021-174	Green Canvas Tank	AMA-49 Along East Wall At Tank	No Asbestos Detected
194151021-175	Flange Gaskets	AMA-49 At 2 nd Level Along West Wall	No Asbestos Detected
194151021-176	Flange Gaskets	AMA-49 At 2 nd Level Along West Wall 5' From Crawlspace Door	No Asbestos Detected
194151021-177	Linoleum Sheeting	AMA-36 In Bathroom At Door Threshold	No Asbestos Detected

Table 1-8

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
194151021-178	Gray Linoleum Mastic	AMA-36 In Bathroom At Door Threshold	No Asbestos Detected
194151021-179	Gray Linoleum Mastic	AMA-36 In Bathroom At Door Threshold	No Asbestos Detected
194151021-180	12"X12" White Mottled Floor Tile (1 st Layer)	AMA-64 Along West Wall 3' From North Wall On Floor	No Asbestos Detected
194151021-181	12"X12" White Mottled Floor Tile (1 st Layer)	AMA-64 Along West Wall 3' From North Wall On Floor	No Asbestos Detected
194151021-182	12"X12" Tan Floor Tile (2 nd Layer)	AMA-64 Along West Wall 3' From North Wall On Floor	No Asbestos Detected
194151021-183	12"X12" Tan Floor Tile (2 nd Layer)	AMA-64 Along West Wall 3' From North Wall On Floor	No Asbestos Detected
194151021-184	12"X12" Red Mottled Floor Tile	AMA-280 Along North Wall Towards Middle Of Floor	No Asbestos Detected
194151021-185	12"X12" Red Mottled Floor Tile	AMA-282 Along West Wall Near Middle Of Floor	No Asbestos Detected
194151021-186	12"X12" White With Black Streaks Floor Tile	AMA-344 At Bathroom Threshold	No Asbestos Detected
194151021-187	12"X12" White With Black Streaks Floor Tile	AMA-144 Along North Wall 10' From West Wall	No Asbestos Detected
194151021-188	Drywall	AMA-254 Along North Wall Above Drop Ceiling	No Asbestos Detected
194151021-189	Joint Compound	AMA-254 Along North Wall Above Drop Ceiling	No Asbestos Detected
194151021-190	Drywall	AMA-267 Along North Wall 4' From Bathroom	No Asbestos Detected
194151021-191	Joint Compound	AMA-267 Along North Wall 4' From Bathroom	No Asbestos Detected
194151021-192	2'x4' Smooth Pinhole Ceiling Tile	AMA-308 Along North Wall 6' From West Wall, 6' High	No Asbestos Detected
194151021-193	2'x4' Smooth Pinhole Ceiling Tile	AMA-209 Along South Wall 8' From East Wall, 6' High	No Asbestos Detected
194151021-194	Drywall	AMA-318 Along North Wall 20' From East Wall, Above Drop Ceiling	No Asbestos Detected
194151021-195	Joint Compound	AMA-318 Along North Wall 20' From East Wall, Above Drop Ceiling	No Asbestos Detected
194151021-196	2'x2' Textured Pinhole Ceiling Tile	AMA-295 Along South Wall 6' From West Wall	No Asbestos Detected
194151021-197	2'x2' Textured Pinhole Ceiling Tile	AMA-296 Along North Wall 8' From West Wall	No Asbestos Detected
194151021-198	Drywall	AMA-145 Along West Wall 4' From North Wall In Bathroom	No Asbestos Detected
194151021-199	Joint Compound	AMA-145 Along West Wall 4' From North Wall In Bathroom	No Asbestos Detected
194151021-200	Joint Compound	AMA-180 At Northwest Corner Of Reception Pillar	No Asbestos Detected

Table 1-9

Table I
Asbestos Bulk Sample Results
Arlington County
Virginia Hospital Center
Arlington, Virginia
October 24, 2019

Sample Number	Material Sampled	Sample Location	Sample Result
194151031-01	Yellow Carpet Mastic	Ama-01 3 rd North Room At Door Threshold	No Asbestos Detected
194151031-02	Yellow Carpet Mastic	Ama-08 Or/Anesthesia Room At Door Threshold	No Asbestos Detected
194151031-03	Yellow Carpet Mastic	Ama-21 Telephone Room Business Office At Door Threshold	No Asbestos Detected
194151031-04	Linoleum Sheeting	Ama-17 Across From IOP Conference Room Under Carpet	No Asbestos Detected

TABLE II: POSITIVE XRF READINGS TABLE

Table II
Positive XRF Readings Table
Arlington County
Virginia Hospital Center
Arlington, VA
October 2019

Test Number	AMA Area	Area/ Location	Color	Component	Substrate	XRF Result (mg/cm²)
21	Stairwell B	Stairwell	Gray	Newel Post	Metal	4.2
23	Stairwell B	Stairwell	Gray	Stringer	Metal	8
24	Stairwell B	Stairwell	Gray	Riser	Metal	4.5
25	Stairwell B	Stairwell	Gray	Spindle	Metal	5.6
59	Stairwell D	Stairwell	Gray	Newel Post	Metal	6.2
60	Stairwell D	Stairwell	Gray	Stringer	Metal	10.1
61	Stairwell D	Stairwell	Gray	Riser	Metal	4.8
62	Stairwell D	Stairwell	Gray	Riser	Metal	2.7
66	Main Boiler	North	Teal	Handrail	Metal	2
70	Main Boiler	Stairs	Teal	Stringer	Metal	5.3
71	Main Boiler	Stairs	Teal	Stair landing	Concrete	2.3
78	Main Boiler	North	Pink	Handrail	Metal	6.1
90	Kitchen lower level	South	White	Wall tile	Ceramic	3
91	Kitchen lower level	West	White	Wall tile	Ceramic	2.9
112	Radiology scheduling	Ceiling	Orange	I-beam	Metal	1.2
123	OR Room	West	Green	Wall tile	Ceramic	7.8
128	Business Hallway	South	Gray	Window Lintel	Metal	1.7
146	Pediatrics exam room 10 bathroom	North	Tan	Wall tile	Ceramic	3.3
154	Penthouse stairwell exit door #6	South	Beige	Door	Metal	1.6
157	Penthouse stairwell	East	Beige	Stringer	Metal	6.4
180	North boiler room	South	Orange	Support column	Metal	1.5
190	North boiler room	By AHU	Orange	Support column	Metal	2
192	North boiler room	West	Green	Tank Hangar	Metal	6

TABLE III: HAZARDOUS MATERIALS INVENTORY TABLE

Table III
Total Hazardous Material Inventory Table
Arlington County
Virginia Hospital Center
Arlington, VA
October 2019

Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
AMA-01						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5000	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	155	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	120	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	230	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	130	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	134	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	264	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	8	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	6	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	10	LF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile	912	LF
	Assumed ACM	Elevator Cab Insulation	Throughout Elevator	Assumed Present	1 @ 7'x10'	Cab
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-02						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	3272	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	105	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	110	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	280	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	100	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	83	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	174	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	2	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	9	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	20	LF
	Potential Mercury	Sink/Drain trap	Throughout labs	Not Sampled	4	Sinks

Table III
Total Hazardous Material Inventory Table
Arlington County
Virginia Hospital Center
Arlington, VA
October 2019

Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	Potential Mercury	Mercury thermostat	North wall	N/A	1	thermostat
	ACM	Brown duct pin mastic	Under Duct Insulation	5% Chyrstotile	50	SF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile	684	LF
AMA-03						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	12225	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	65	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	360	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	610	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	65	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	134	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	276	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	6	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	45	LF
	Potential Mercury	Sink/Drain trap	Throughout labs	Not Sampled	1	sinks
	Potential Mercury	Mercury Thermometer	Throughout labs	Not Sampled	1	Thermometer
	ACM	Brown duct pin mastic	Under Duct Insulation	5% Chyrstotile	80	SF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile	672	LF
	Assumed ACM	Elevator Cab Insulation	Throughout Elevator	Assumed Present	1 @ 7'x10'	Cab
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-04						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	3700	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	40	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	205	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	300	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	225	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	169	Ballasts

Table III
Total Hazardous Material Inventory Table
Arlington County
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	253	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	5	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	18	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	88	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	45	LF
	ACM	Brown duct pin mastic	Under Duct Insulation	5% Chyrsofile	100	SF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrsofile	1716	LF
AMA-05						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	1608	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	58	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	86	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	0	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	3	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrsofile	756	LF
AMA-06						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	1970	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrsofile	80	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	1245	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrsofile	130	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	209	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	315	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	2	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	14	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	60	LF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrsofile	1230	LF
	Assumed ACM	Elevator Cab Insulation	Throughout Elevator	Assumed Present	1 @ 7'x10'	Cab
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
	Assumed ACM	Freezer insulation	Throughout freezer	Assumed ACM	1 @ 10'x10'	Freezer

Table III
Total Hazardous Material Inventory Table
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Room/Area Designation	Potential Mercury Hazmat Description	Mercury thermostat Material Description	North wall Location	N/A Analytical Result	1 Approximate Quantity	thermostat Unit
AMA-07						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	3930	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	25	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	70	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	410	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	90	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	110	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	190	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	10	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	32	Fittings
	ACM /Assumed Present	Pipe and Pipe Fitting Insulation	Assumed In wet walls	5% Chyrstotile	60	LF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile	1824	LF
AMA-08						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	4078	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	45	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrstotile	225	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	360	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	362	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	360	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	720	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	5	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	17	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	64	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	60	LF
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile	1158	LF
	Assumed ACM	Elevator Cab Insulation	Throughout Elevator	Assumed Present	1 @ 7'x10'	Cab
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door

Table III
Total Hazardous Material Inventory Table
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
AMA-09 Penthouse						
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	16	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	32	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	6	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	2	Doors
AMA-10						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5060	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	117	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	231	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	4	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	35	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	405	LF
	Potential Mercury	Sink/Drain trap	Throughout labs	Not Sampled	0	sinks
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-11						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5050	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	115	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrsofile	30	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	320	LF
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	370	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	15	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	13	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	1243	LF
AMA-12						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	1188	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	162	SF

Table III
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	61	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	116	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	4	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	210	LF
AMA-13						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	2052	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	250	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	244	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	76	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	142	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	240	LF
AMA-14						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5132	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	63	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	123	Lights
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	30	LF
AMA-15						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	36	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	70	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	12	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	20	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	15	LF
AMA-16						

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Total Hazardous Material Inventory Table
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	2690	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	1022	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	39	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	78	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	2	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	30	LF
AMA-17						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5573	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	2280	SF
	ACM /Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrsofile	205	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	1560	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrsofile	330	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	313	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	580	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	1	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	7	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	100	LF
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-18						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	5835	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	40	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrsofile	49	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	103	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	250	Lights

Table III
Total Hazardous Material Inventory Table
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	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	19	Doors
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	1	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	300	LF
Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
AMA-19						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	375	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	61	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	120	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	4	Doors
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	90	LF
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-20						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	80	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	30	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	36	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	68	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	1	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	15	LF
AMA-21						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	2260	SF
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrsofile	75	LF
AMA-22						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	1144	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	150	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	24	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	50	Lights

Table III
Total Hazardous Material Inventory Table
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	2	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	30	LF
	ACM	Black mastic on fiberglass duct insulation	Above Drop Ceilings	3-5% Chrysotile	90	SF
AMA-23						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	4943	SF
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrstotile	162	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrstotile	410	LF
	ACM /Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrstotile	54	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	105	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	223	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	1	Doors
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chyrstotile		LF
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	40	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	545	LF
	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door
AMA-24 Boiler room						
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	600	SF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	26	Ballasts
	MVL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	52	Lights
	Assumed ACM	Labled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM /Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrstotile	1	Fittings
	ACM /Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chyrstotile	100	LF
	ACM	Brown duct pin mastic	Under Duct Insulation	5% Chyrstotile	100	SF

TABLE IV HAZARDOUS MATERIALS QUANTITIES SUMMARY

Table IV
Total Hazardous Materials Summary
Arlington County
Virginia Hospital Center
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October 2019

Material Description	Location	Analytical Result	Approximate Quantity	Unit	Category
Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysotile	77801	SF	ACM
Black mastic on duct (foil)	Above Drop Ceilings	5% Chyrsofile	4496	SF	ACM
Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chyrsofile	1405	SF	ACM /Assumed Present
Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chyrsofile	6189	LF	ACM
Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chyrsofile	1535	LF	ACM /Assumed Present
Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	2700	Ballasts	PCB
Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	5000	Lights	MVL
Labled wood fire door	Throughout	Assumed ACM	76	Doors	Assumed ACM
Labled metal fire door	Throughout	Assumed ACM	171	Doors	Assumed ACM
Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chyrsofile	865	Fittings	ACM /Assumed Present
Pipe and Pipe fitting insulation	Assumed In wet walls and above fixed ceilings	Assumed ACM	3728	LF	ACM /Assumed Present
Pipe and Pipe fitting insulation	Assumed throughout crawl space	ACM /Assumed Present	8952	LF	ACM /Assumed Present
Elevator Cab Insulation	Throughout Elevator	Assumed ACM	4 @ 7'x10'	Cab	Assumed ACM
Elevator Door Insulation	Throughout Elevator Door	Assumed ACM	8 @ 5'x7'	Door	Assumed ACM
Mercury thermostat	North wall	N/A	2	thermostats	Potential Mercury
Brown duct pin mastic	Under Duct Insulation	5% Chyrsofile	330	SF	ACM
Sink/Drain trap	Throughout labs	Not Sampled	5	Sinks	Potential Mercury
Black mastic on Canvas Duct	Above Drop Ceilings	3-5% Chrysotile	90	SF	ACM
Freezer insulation	Throughout freezer	Assumed ACM	1 @ 10'x10'	Freezers	Assumed ACM

Table IV
 Total Hazardous Materials Summary
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Lead Based Paint					
Material	Location	Result	Quantity	Unit	Category
Gray Metal Newel Post	Throughout Stair Wells	4.2 mg/cm ²	8	Stair Systems	LBP
Gray Metal Stringer	Throughout Stair Wells	8 mg/cm ²	8	Stair Systems	LBP
GrayMeal Riser	Throughout Stair Wells	4.5 mg/cm ²	8	Stair Systems	LBP
Gray Metal Spindel	Throughout Stair Wells	5.6 mg/cm ¹³¹	8	Stair Systems	LBP
Teal Hand Rail	Throughout Main Boiler	2.0 mg/cm ¹³²	1	Stair Systems	LBP
Teal Stringer	Throughout Main Boiler	5.3 mg/cm ¹³³	1	Stair Systems	LBP
Teal Stair Landing	Throughout Main Boiler	2.3 mg/cm ¹³⁴	1	Stair Systems	LBP
Pink Hand Rail	Throughout Main Boiler	6.1 mg/cm ¹³⁵	1	Stair Systems	LBP
White Ceramic Wall Tile	Throughout Building	3.0 mg/cm ¹³⁶	N/A	Wall Tiles	LBP
Green Ceramic Wall Tile	Throughout Building	7.8 mg/cm ¹³⁷	N/A	Wall Tiles	LBP
Tan Ceramic Wall Tile	Throughout Building	3.3 mg/cm ¹³⁸	N/A	Wall Tiles	LBP
Orange Metal I-Beam	Throughout Builing at Ceilings	1.2 mg/cm ¹³⁹	N/A	I-Beams	LBP
Gray Metal Window Lintel	Throughout Business Area	1.7 mg/cm ¹⁴⁰	N/A	Window Lintel	LBP
Beige Metal Door	Penthosuse Stairwell	1.6 mg/cm ¹⁴¹	1	Doors	LBP
Beige Metal Stringer	Penthouse Stairwell	6.4 mg/cm ¹⁴²	1	Stair Systems	LBP
Orange Metal Support Column	Throughout Boiler	2.0 mg/cm ¹⁴³	2	Columns	LBP
Green Metal Tank Hanger	Throughout Boiler	6 mg/cm ¹⁴⁴	N/A	Tanks	LBP

ACM	Asbestos-Containing Material
MVL	Mercury Vapor Lamp
PCB	Polychlorinated Biphenyls
LBP	Lead-Based Paint
LCM	Lead-Containing Material
SF	Square Feet
LF	Linear Feet

APPENDIX A: ASBESTOS-CONTAINING MATERIAL DOCUMENTATION

CERTIFICATE OF ANALYSIS

Chain of Custody: 311782
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/21/2019
Date Analyzed: 10/21/2019
Report Date: 10/22/2019
Date Sampled: 10/21/2019
Person Submitting: Bob Bentz

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
311782-1	194151021-01	NAD	--	--	--	--	--	--	--	--	--	100	PL	Multi	Homogeneous	SW	
311782-2	194151021-02	NAD	--	--	--	--	--	--	--	--	--	100	PL	Off-White	Homogeneous	SW	
311782-3	194151021-03	NAD	--	--	--	--	--	--	--	--	--	100	PL	Off-White	Homogeneous	SW	
311782-4	194151021-04	NAD	--	--	--	--	--	--	--	--	--	100	PL	Off-White	Homogeneous	SW	
311782-5	194151021-05	NAD	--	--	--	--	--	--	--	--	--	100	PL	Off-White	Homogeneous	SW	
311782-6	194151021-06	NAD	--	--	--	--	--	--	--	--	--	100	PL	Off-White	Homogeneous	SW	
311782-7	194151021-07	NAD	--	--	--	--	--	--	--	--	5	95	PSL	White	Homogeneous	SW	
311782-8	194151021-08	NAD	--	--	--	--	--	--	--	--	5	95	PSL	White	Homogeneous	SW	
311782-9	194151021-09	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311782-10	194151021-10	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311782-11	194151021-11	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311782-12	194151021-12	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311782-13	194151021-13	NAD	--	--	--	--	--	--	--	10	--	90	Mud	White	Homogeneous	SW	
311782-14	194151021-14	NAD	--	--	--	--	--	--	--	10	--	90	Mud	White	Homogeneous	SW	
311782-15	194151021-15	NAD	--	--	--	--	--	--	10	--	TR	90	PSL	White	Homogeneous	SW	
311782-16	194151021-16	NAD	--	--	--	--	--	TR	20	--	--	80	EC	White	Homogeneous	SW	
311782-17	194151021-17	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	SW	
311782-18	194151021-18	3	3	--	--	--	--	--	--	--	--	97	MS	Black	Homogeneous	SW	
311782-19	194151021-19	NAD	--	--	--	--	70	--	--	--	--	30	CT	Gray	Homogeneous	SW	

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311782-20	194151021-20	NAD	--	--	--	--	--	--	80	--	--	20	VD	Gray	Homogeneous	SW	
311782-21	194151021-21	NAD	--	--	--	--	--	--	80	--	--	20	VD	Black	Homogeneous	SW	
311782-22	194151021-22	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-22A	194151021-22	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311782-23	194151021-23	NAD	--	--	--	--	--	--	TR	--	--	100	PL	Gray	Homogeneous	SW	
311782-24	194151021-24	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-24A	194151021-24	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311782-25	194151021-25	NAD	--	--	--	--	--	--	TR	--	--	100	PL	Gray	Homogeneous	SW	
311782-26	194151021-26	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-26A	194151021-26	NAD	--	--	--	--	--	--	TR	--	--	100	BC	Gray	Homogeneous	SW	
311782-27	194151021-27	NAD	--	--	--	--	--	--	TR	--	--	100	PL	Gray	Homogeneous	SW	
311782-28	194151021-28	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-28A	194151021-28	NAD	--	--	--	--	--	--	TR	--	--	100	BC	Gray	Homogeneous	SW	
311782-29	194151021-29	NAD	--	--	--	--	--	--	TR	--	--	100	PL	Gray	Homogeneous	SW	
311782-30	194151021-30	NAD	--	--	--	--	--	--	--	--	--	100	Grout	White	Homogeneous	SW	
311782-31	194151021-31	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-31A	194151021-31	NAD	--	--	--	--	--	--	--	--	--	100	BC	Brown	Homogeneous	SW	
311782-32	194151021-32	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
311782-33	194151021-33	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	

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311782-33A	194151021-33	NAD	--	--	--	--	--	--	--	--	--	100	BC	Brown	Homogeneous	SW	
311782-34	194151021-34	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
311782-35	194151021-35	NAD	--	--	--	--	--	--	30	--	--	70	Tar P.	Black	Homogeneous	SW	
311782-36	194151021-36	NAD	--	--	--	--	--	--	30	--	--	70	Tar P.	Black	Homogeneous	SW	
311782-37	194151021-37	NAD	--	--	--	--	--	--	--	--	2	98	PSL	White	Homogeneous	SW	
311782-38	194151021-38	NAD	--	--	--	--	--	--	--	--	2	98	PSL	White	Homogeneous	SW	
311782-39	194151021-39	NAD	--	--	--	--	--	--	--	--	--	100	Transite	Black	Homogeneous	SW	
311782-40	194151021-40	NAD	--	--	--	--	--	--	--	--	--	100	Transite	Black	Homogeneous	SW	
311782-41	194151021-41	NAD	--	--	--	--	--	--	--	--	--	100	DW	White	Homogeneous	SW	
311782-42	194151021-42	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311782-43	194151021-43	NAD	--	--	--	--	--	--	--	--	--	100	MS	Brown	Homogeneous	SW	
311782-44	194151021-44	NAD	--	--	--	--	--	--	--	--	--	100	FT	Tan	Homogeneous	SW	
311782-45	194151021-45	NAD	--	--	--	--	--	--	TR	--	--	100	MS	Tan	Homogeneous	SW	
311782-46	194151021-46	NAD	--	--	--	--	30	--	30	--	--	40	CT	Gray	Homogeneous	SW	
311782-47	194151021-47	NAD	--	--	--	--	30	--	30	--	--	40	CT	Gray	Homogeneous	SW	
311782-48	194151021-48	NAD	--	--	--	--	--	--	--	--	--	100	DS	Gray	Homogeneous	SW	
311782-49	194151021-49	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311782-50	194151021-50	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
311782-51	194151021-51	5	5	--	--	--	35	--	--	--	--	60	MF	Off-White	Homogeneous	SW	
311782-52	194151021-52	5	5	--	--	--	--	--	--	--	--	95	MS	Black	Homogeneous	SW	
311782-53	194151021-53	NAD	--	--	--	--	--	--	80	--	--	20	Paper	Black	Homogeneous	SW	



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311782-54	194151021-54	2	2	--	--	--	--	--	--	--	--	98	CM	Multi	Homogeneous	SW	
311782-55	194151021-55	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	SW	
311782-56	194151021-56	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311782-57	194151021-57	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311782-58	194151021-58	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	SW	
311782-59	194151021-59	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311782-60	194151021-60	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311782-61	194151021-61	NAD	--	--	--	--	--	--	--	--	2	98	DS	Tan	Homogeneous	SW	
311782-62	194151021-62	NAD	--	--	--	--	--	--	--	--	2	98	DS	Tan	Homogeneous	SW	
311782-63	194151021-63	NAD	--	--	--	--	--	TR	--	--	--	100	DS	Tan	Homogeneous	SW	
311782-64	194151021-64	NAD	--	--	--	--	--	--	--	--	--	100	DS	Tan	Homogeneous	SW	
311782-65	194151021-65	NAD	--	--	--	--	--	--	40	--	--	60	SPAFP	Brown	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 Michael Greenberg

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



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Focused on Results www.amalab.com
AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)
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(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

(Please Refer To This Number For Inquiries)

311782

CHAIN OF CUSTODY

Mailing/Billing Information:

- Client Name: AMA
- Address 1: Hanover
- Address 2: _____
- Address 3: _____
- Phone #: _____ Fax #: _____

Submittal Information:

- Job Name: VHC
- Job Location: Arlington Va
- Job #: 19415 P.O. #: _____
- Contact Person: Gracy Jordan Cell: _____
- Collected by: Bob Bentz 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) <input type="checkbox"/> 4 Hours <input type="checkbox"/> Late Night <input type="checkbox"/> Immediate Date Due: _____ <input type="checkbox"/> 24 Hours Time Due: _____ Comments: _____	NORMAL BUSINESS HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day <input type="checkbox"/> 5 Day + <input type="checkbox"/> Results Required By Noon <input checked="" type="checkbox"/> Next Day Date Due: <u>10/22/19</u> <u>24hr</u> <input type="checkbox"/> 2 Day	REPORT TO: <input checked="" type="checkbox"/> Email: <u>Gracy@AMAConsulting.com</u> <input type="checkbox"/> Email 2: _____ <input type="checkbox"/> Verbal: _____
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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 65 (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						MATRIX						COMMENTS / SPECIAL INSTRUCTIONS	
				TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	DUST	WATER AN OTHER	SPORE TRAP	TAPE	SWAB		
194151621-01						X						X					
194151621-65						X						X					
	See Sheets																

Relinquished by:	Print Name <u>Bob Bentz</u>	Signature 	Date <u>10/20/19</u>	Time <u>11:30</u>	Shipping Information <input type="checkbox"/> UPS <input checked="" type="checkbox"/> The Person <input type="checkbox"/> Other <input type="checkbox"/> FedEx <input type="checkbox"/> Drop Box <input type="checkbox"/> USPS <input type="checkbox"/> Courier
Received by:			<u>10/21/19</u>	<u>11:30</u>	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 21 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA

Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327

Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** Bob Benz

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-01	Rough Plaster	AMA 01 Northwest corner, 15 ft from north wall, 10 ft from west wall at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021-02	Rough Plaster	AMA 02 Same as #01	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415-1021-03	Rough Plaster	AMA 03 Southwest corner 6 ft from west wall, 6 ft from south wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer, at ceiling
19415-1021-04	Rough Plaster	AMA 04 Same as #03	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19411-1021-05	Rough Plaster	AMA 05 Along north wall, 10 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer at ceiling



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 21 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: Bob Benz

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-06	Rough Plaster	AMA-49 Same as # 05	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	second layer
19415-1021-07	White Pipe Sealant	AMA-49 18 ft from north wall, 6ft from west wall, 6ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Old
19415-1021-08	End Cap White Pipe Sealant	AMA-49 10 ft south of main boiler room door	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	End cap, New
19415-1021-09	Spray Applied Fire Proofing	AMA-49 Along south wall, 20 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-10	Spray Applied Fire Proofing	AMA-49 Along south wall, in front of main entrance stairs	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

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 Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327
 Job Site: VHC Contact Person: Gary Urban Samples Taken By: Bob Benz
 Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-14	End Cap Sealant	AMA-49 15 ft from south wall, 20 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	old
19415-1021-17	12x12 White w/ Gray Specks Floor Tile	AMA-49 Panel room, at door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-18	Black Floor Tile Mastic	AMA-49 Same as # 17	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-19	2x2 Rough Ceiling Tile	AMA-60 14 ft from east wall, 6 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-20	Cloth Vibration Dampener	AMA-49 West of panel room entrance, 4 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 7, 2019

Address: 601 S Carlin Springs Road

Company: AMA

Job Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327

Job Site: VHC

Contact Person: Gary Urban

Samples Taken By: Bob Beniz

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 21	Cloth Vibration Damper	AMA-61 Same as # 20	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 22	Rough Plaster	AMA-61 North east corner, 10 ft from north wall, 5 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021 23	Rough Plaster	AMA-61 Same as # 22	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415-1021 24	Rough Plaster	AMA-61 Northeast corner, 5 ft from north wall, 5 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19411-1021 25	Rough Plaster	AMA-61 Same as # 24	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 21 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: Bob Benk

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-24	Rough Plaster	AMA-61 Northwest corner, 20 ft from north wall, 5 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021-27	Rough Plaster	AMA-61 Same as # 26	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415-1021-28	Rough Plaster	AMA-319 Northwest corner, at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021-29	Rough Plaster	AMA-319 Southwest corner, at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19411-1021-30	Ceramic Tile Grout	AMA-61 Outside (north) of entrance to AMA-62	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 21 2019

Address: 601 S Carlin Springs Road

Company: AMA

Job Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327

Job Site: VHC

Contact Person: Gary Urban

Samples Taken By: Bob Bentz

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 31	Smooth Plaster	AMA-61 10 ft from south wall, 25 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415- 1021 32	Smooth Plaster	AMA-61 Same as # 31	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415- 1021 33	Smooth Plaster	AMA-61 20 ft from south wall, 25 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415- 1021 34	Smooth Plaster	AMA-61 Same as # 33	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19411- 1021 35	Black Tar Paper Wrap	AMA-12 Above ceiling, 5 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: <u>Oct 21 2019</u>	Address: <u>601 S Carlin Springs Road</u>	Company: <u>AMA</u>
Job Number: <u>19415</u>	Arlington, VA	Telephone Number: <u>(410) 684 - 3327</u>
Job Site: <u>VHC</u>	Contact Person: <u>Gary Urban</u>	Samples Taken By: <u>Bob Burke</u>
Chain of Custody #: _____		

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-36	Black Tar Paper wrap	AMA-15 Above Ceiling, at door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-37	White Pipe Seam Sealant	AMA-60 Above ceiling, 10 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	old
19415-1021-38	White Pipe Seam Sealant	AMA-108 Above ceiling, at door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	old
19415-1021-39	transite Window Sill	AMA-60 At south west corner window	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-40	transite window Sill	AMA- 60 359	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

**ACM Bulk Sampling Survey Sheet**

Date Collected: Oct 21 2019 Address: 601 S Carlin Springs Road Company: AMA
 Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327
 Job Site: VHC Contact Person: Gary Urban Samples Taken By: Bob Berk
 Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 41	Drywall	AMA-60 4 ft east of easternmost entrance, 4 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 42	Joint Compound	AMA-60 Same as # 41	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 43	Tan Baseboard Mastic	AMA-61 Along north wall, 15 ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 44	12x12 tan Mottled Floor Tile	AMA-43 Northeast corner, at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 45	Tan Floor Tile Mastic	AMA-43 AMA - Same as # 44	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)

CERTIFICATE OF ANALYSIS

Chain of Custody: 311929
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/22/2019
Date Analyzed: 10/23/2019
Report Date: 10/23/2019
Date Sampled: 10/21/2019
Person Submitting: Bob Bentz

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
311929-1	194151021-66	NAD	--	--	--	--	--	5	--	--	--	95	FS	Red	Homogeneous	SW	
311929-2	194151021-67	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-3	194151021-68	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-4	194151021-69	NAD	--	--	--	--	--	--	--	--	5	95	PSL	White	Homogeneous	SW	
311929-5	194151021-70	NAD	--	--	--	--	--	--	TR	--	--	100	CM	Yellow	Homogeneous	SW	
311929-6	194151021-71	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-7	194151021-72	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
311929-8	194151021-73	5	5	--	--	--	--	5	--	--	--	90	MS	Black	Homogeneous	SW	
311929-9	194151021-74	5	5	--	--	--	--	5	--	--	--	90	MS	Black	Homogeneous	SW	
311929-10	194151021-75	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
311929-11	194151021-76	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-12	194151021-77	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-13	194151021-78	NAD	--	--	--	--	--	--	--	--	--	100	MS	White	Homogeneous	SW	
311929-14	194151021-79	NAD	--	--	--	--	--	--	--	--	--	100	MS	White	Homogeneous	SW	
311929-15	194151021-80	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311929-16	194151021-81	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-17	194151021-82	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	SW	
311929-18	194151021-83	NAD	--	--	--	--	--	--	--	--	--	100	FT	Pink	Homogeneous	SW	
311929-19	194151021-84	NAD	--	--	--	--	--	--	--	--	--	100	FT	Pink	Homogeneous	SW	
311929-20	194151021-85	NAD	--	--	--	--	--	--	TR	--	--	100	MS	Tan	Homogeneous	SW	
311929-21	194151021-86	NAD	--	--	--	--	--	--	TR	--	--	100	MS	Tan	Homogeneous	SW	
311929-22	194151021-87	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311929
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
 1331 Ashton Road
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Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/22/2019
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Person Submitting: Bob Bentz

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
311929-23	194151021-88	NAD	--	--	--	--	--	--	10	--	--	90	DWC	Multi	Layered	SW	
311929-24	194151021-89	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-25	194151021-90	NAD	--	--	--	--	--	--	--	--	--	100	FT	Cream	Homogeneous	SW	
311929-26	194151021-91	NAD	--	--	--	--	--	--	--	--	--	100	SM	Gray	Homogeneous	SW	
311929-27	194151021-92	5	5	--	--	--	--	--	--	--	--	95	MS	Black	Homogeneous	SW	
311929-28	194151021-93	NAD	--	--	--	--	--	--	--	--	--	100	FT	Cream	Homogeneous	SW	
311929-29	194151021-94	NAD	--	--	--	--	--	--	--	--	--	100	FT	Brown	Homogeneous	SW	
311929-30	194151021-95	NAD	--	--	--	--	--	--	--	--	--	100	FT	Brown	Homogeneous	SW	
311929-31	194151021-96	NAD	--	--	--	--	--	--	TR	--	--	100	DS	White	Homogeneous	SW	
311929-32	194151021-97	NAD	--	--	--	--	--	--	TR	--	--	100	DS	White	Homogeneous	SW	
311929-33	194151021-98	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	SW	
311929-34	194151021-99	NAD	--	--	--	--	--	--	--	--	TR	100	DS	White	Homogeneous	SW	
311929-35	194151021-100	NAD	--	--	--	--	--	--	--	--	TR	100	DS	White	Homogeneous	SW	
311929-36	194151021-101	NAD	--	--	--	--	--	--	--	--	--	100	MS	Black	Homogeneous	SW	
311929-37	194151021-102	NAD	--	--	--	--	--	--	--	--	--	100	SM	Black	Homogeneous	SW	
311929-38	194151021-103	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311929-39	194151021-104	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311929-40	194151021-105	NAD	--	--	--	--	20	--	40	--	--	40	CT	Multi	Layered	SW	
311929-41	194151021-106	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311929-41A	194151021-106	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311929-42	194151021-107	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311929
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Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/22/2019
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Person Submitting: Bob Bentz

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
311929-43	194151021-108	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311929-43A	194151021-108	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311929-44	194151021-109	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
311929-45	194151021-110	NAD	--	--	--	--	--	--	--	--	--	100	FT	Green	Homogeneous	SW	
311929-46	194151021-111	NAD	--	--	--	--	20	--	40	--	--	40	CT	Multi	Layered	SW	
311929-47	194151021-112	NAD	--	--	--	--	--	--	TR	--	--	100	DM	Black	Homogeneous	SW	
311929-48	194151021-113	NAD	--	--	--	--	--	--	TR	--	--	100	DM	Black	Homogeneous	SW	
311929-49	194151021-114	NAD	--	--	--	--	--	--	--	--	--	100	FT	Green	Homogeneous	SW	
311929-50	194151021-115	NAD	--	--	--	--	--	--	TR	--	--	100	SM	Gray	Homogeneous	SW	
311929-51	194151021-116	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	SW	
311929-51A	194151021-116	NAD	--	--	--	--	--	--	--	--	--	100	BC	Gray	Homogeneous	SW	
311929-51B	194151021-116	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-52	194151021-117	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	SW	
311929-53	194151021-118	NAD	--	--	--	--	60	--	--	--	--	40	TC	Off-White	Homogeneous	SW	
311929-54	194151021-119	NAD	--	--	--	--	60	--	--	--	--	40	TC	Off-White	Homogeneous	SW	
311929-55	194151021-120	NAD	--	--	--	--	--	--	--	--	--	100	VpB	Black	Homogeneous	SW	
311929-56	194151021-121	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311929-57	194151021-122	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-58	194151021-123	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311929
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
 1331 Ashton Road
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Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/22/2019
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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
311929-59	194151021-124	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-60	194151021-125	NAD	--	--	--	--	--	--	--	--	--	100	FT	White	Homogeneous	SW	
311929-61	194151021-126	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311929-62	194151021-127	NAD	--	--	--	--	80	--	--	--	--	20	SPAFP	Gray	Homogeneous	SW	
311929-63	194151021-128	NAD	--	--	--	--	--	--	--	--	--	100	DS	Gray	Homogeneous	SW	
311929-64	194151021-129	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311929-65	194151021-130	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-66	194151021-131	NAD	--	--	--	--	20	--	40	--	--	40	CT	Multi	Layered	SW	
311929-67	194151021-132	NAD	--	--	--	--	20	--	40	--	--	40	CT	Multi	Layered	SW	
311929-68	194151021-133	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	SW	
311929-69	194151021-134	NAD	--	--	--	--	--	--	--	--	--	100	VpB	Black	Homogeneous	SW	
311929-70	194151021-135	NAD	--	--	--	--	--	--	TR	--	--	100	DW	Off-White	Homogeneous	SW	
311929-71	194151021-136	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311929-72	194151021-137	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	SW	
311929-73	194151021-138	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	SW	
311929-74	194151021-139	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	SW	
311929-75	194151021-140	NAD	--	--	--	--	--	--	--	--	--	100	FT	Blue	Homogeneous	PC	
311929-76	194151021-141	NAD	--	--	--	--	--	--	--	--	--	100	Fitting	Off-White	Homogeneous	PC	
311929-77	194151021-142	NAD	--	--	--	--	TR	--	--	--	5	95	SLT	White	Homogeneous	PC	
311929-78	194151021-143	NAD	--	--	--	--	2	--	--	--	5	93	SLT	White	Homogeneous	PC	
311929-79	194151021-144	NAD	--	--	--	--	--	--	--	--	--	100	SSL	White	Homogeneous	PC	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311929
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
 1331 Ashton Road
 Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/22/2019
Date Analyzed: 10/23/2019
Report Date: 10/23/2019
Date Sampled: 10/21/2019
Person Submitting: Bob Bentz

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
311929-80	194151021-145	NAD	--	--	--	--	--	--	--	--	--	100	SSL	White	Homogeneous	PC	

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, Peerawut Chaikeneee



Technical Director Michael Greenberg

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



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)

311929

Mailing/Billing Information:

1. Client Name: AMA
2. Address 1: Hanover
3. Address 2:
4. Address 3:
5. Phone #: Fax #:

Submittal Information:

1. Job Name: VHC
2. Job Location: Bedington, VA
3. Job #: 19415 P.O. #:
4. Contact Person: Gary Urban Cell:
5. Collected by: Bob Benz 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) <input type="checkbox"/> 4 Hours <input type="checkbox"/> Late Night <input type="checkbox"/> Immediate Date Due: _____ <input type="checkbox"/> 24 Hours Time Due: _____ Comments: _____		NORMAL BUSINESS HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day <input type="checkbox"/> 5 Day + <input type="checkbox"/> Next Day <input type="checkbox"/> Results Required By Noon <input checked="" type="checkbox"/> 2 Day Date Due: <u>10/24/19</u>		REPORT TO: <input checked="" type="checkbox"/> Email: <u>GUrban@amaconsulting.com</u> <input type="checkbox"/> Email 2: <input type="checkbox"/> Verbal:
--	--	---	--	--

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 80 (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							MATRIX						COMMENTS / SPECIAL INSTRUCTIONS	
				TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB			
194157021-66						↕												
194151021-745						↕												
	see sheets																	

Relinquished by:	Print Name: <u>Bob Benz</u>	Signature:	Date: <u>10/22/19</u>	Time: <u>12:05</u>	Shipping Information <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Person <input type="checkbox"/> Other <input type="checkbox"/> FedEx <input type="checkbox"/> Drop Box <input type="checkbox"/> USPS <input type="checkbox"/> Courier
Received by:	<u>DN Hudson</u>		<u>10/22/19</u>	<u>12:05</u>	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA

Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327

Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-102166	Red Fire Stop	AMA-01 Boiler Room, along west wall, 10 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102167	12x12 White w/ Pink Specks Floor Tile	AMA-01 Kitchenette, 10 ft from west wall, 5 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102168	12x12 White w/ Pink Specks Floor Tile	AMA-01 Kitchenette, 5 ft from west wall, 3 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102169	White Pvc Seam Sealant	AMA-01 Kitchenette closet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Old
19411-102170	Yellow Carpet Mastic	AMA-109 At door entrance Under carpet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-102/71	12x12 White w/ green specks floor tile	AMA-107 Along w. wall 20ft from s. wall on floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102/72	Tan floor tile mastic	Same as AMA-72	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102/73	Black Mastic on Fiber Glass	AMA-107 6ft from east wall, 32ft from north wall, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-102/74	Black Mastic on Fiber Glass	AMA-02 Along south wall, 20ft from west wall, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-102/75	Tan Baseboard Mastic	AMA-107 Along South wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)

**ACM Bulk Sampling Survey Sheet**Date Collected: Oct 2019Address: 601 S Carlin Springs RoadCompany: AMAJob Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327Job Site: VHCContact Person: Gary UrbanSamples Taken By: Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 76	12x12 White w/ Red Specks Floor Tile	AMA-112 3 ft from west wall, 12 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 77	12x12 White w/ Red Specks Floor Tile	AMA-134 Along south wall, 26 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 78	White Baseboard Mastic	AMA-114 Along N. wall 2ft from door	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 79	↓	AMA-114 Along N. wall 15ft from door	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 80	Dry Wall	AMA-107 Along w. wall Above p.c.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 81	Joint Compound	<u>Sec A5-80</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415- 1021 82	Ceramic Tile Grout	<u>AMA-134</u> Along west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415- 1021 83	12x12 Pink-Grouted Floor Tile	<u>AMA-123</u> Along north wall, 10ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415- 1021 84	12x12 Pink-Grouted Floor Tile	<u>AMA-140</u> In middle of hallway	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19411- 1021 85	Tan Light Mastic	<u>AMA-145</u> At light above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA
Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327
Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-84	Trawl Light Mastic	AMA-148 1ft light above ceiling	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-87	Drywall	AMA-123 Same as # 88	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Above ceiling
19415-1021-88	2x4 Smooth Ceiling tile	AMA-123 Along south wall, 6ft from west wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-89	Joint Compound	AMA-123 Same as # 88	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Above ceiling
19411-1021-90	1x12 Cream Marbled tile	AMA-123 Along south wall, 2ft from East wall at floor	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

**ACM Bulk Sampling Survey Sheet**Date Collected: Oct 2019Address: 601 S Carlin Springs RoadCompany: AMAJob Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327Job Site: VHCContact Person: Gary Urban

Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-91	Gray Sink Mastic	AMA-123 Under sink along north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-92	Black Floor Tile Mastic	AMA-123 Same as #90	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-93	12x12 Cream Whitened Floor Tile	AMA-127 Northwest corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-94	12x12 White w/ Brown Speckles Floor Tile	AMA-121 Southeast corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-95	12x12 White w/ Brown Speckles Floor Tile	AMA-122 Northeast corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA
 Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327
 Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____
 Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 101	Black Sink Plaster	AMA-120 Along E. wall under Sink	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 102	↓	AMA-130 Along E. wall Under Sink	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 103	Smooth Plaster	AMA-118 Along NW wall 2ft from N. door	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	1st layer
19415-1021 104	↓	Same as 104	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	2nd layer
19411-1021 105	2x4 Furred Plaster Ceiling Tile	AMA-321 Along east wall, 8 ft from north wall	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA

Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327

Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:**

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 104	Smooth Plaster	AMA-321 Same as #105, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021 107	Smooth Plaster	AMA-321 Same as #106	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415-1021 108	Smooth Plaster	AMA-321 Southeast corner, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415-1021 109	Smooth Plaster	AMA-321 Same as #106	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19411-1021 110	12x12 Green Matted Floor Tile	AMA-339 Middle of hallway	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 / Address: 601 S Carlin Springs Road Company: AMA
Job Number: 19415 / Arlington, VA Telephone Number: (410) 684 - 3327
Job Site: VHC / Contact Person: Gary Urban Samples Taken By: _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 111	2x4 Crowned Pebble Ceiling Tile	AMA-339 Middle of hallway, at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 112	Black Mastic on Duct	AMA-339 Along north wall, 26 ft from east wall, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 113	Black Mastic on Duct	AMA-339 Same as # 113	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 114	2x12 Green Mottled Floor Tile	AMA 339 -254 Middle of hallway	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411- 1021 115	Gray Sink Mastic	AMA-117 Under sink along south wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA
 Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327
 Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____
 Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 114	Smooth Plaster	AMA-338 Southeast corner of west side of room, 4 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	First Layer
19415- 1021 117	Smooth Plaster	AMA-338 Same as #116	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Second Layer
19415- 1021 118	2x2 Textured Ceiling Tile	AMA-303 2 ft from south wall, 4 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 119	2x2 Textured Ceiling Tile	AMA-305 4 ft from west wall, 2 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411- 1021 120	Black Vapor Barrier	AMA-305 Same as #119	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021-121	Drywall	AMA-305 Same as #119	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-122	Joint Compound	AMA-305 Same as #119	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-123	12x12 White w/ Black streaks Floor Tile	AMA-303 1 ft from west wall, 2 ft from south wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-124	12x12 White w/ Black streaks Floor Tile	AMA-305 Northeast corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-125	12x12 White w/ Green streaks Floor Tile	AMA-287 Northend of hallway	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019Address: 601 S Carlin Springs RoadCompany: AMAJob Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327Job Site: VHCContact Person: Gary Urban

Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1621 124	Spray Applied Fire Proofing	AMA-291 Southeast corner, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1022 127	Spray Applied Fire Proofing	AMA-291 Southwest corner, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 128	Grout Wet Seam Sealant	AMA-291 4 ft from east wall, 9 ft from north wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Above ceiling
19415-1021 129	Drywall	AMA-291 Along east wall, 9 ft from north wall, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 130	Joint Compound	AMA-291 Same as # 129	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 131	2x2 Fissured Pinhole Ceiling Tile	AMA-292 Northeast corner, at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 132	2x2 Fissured Pinhole Ceiling Tile	AMA-71 Southwest corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 133	12x12 Gray Mottled Floor Tile	AMA-292 Northeast corner, at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 134	Black Vapor Barrier	AMA-228 At door threshold, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 135	Drywall	AMA-225 Above east end exit door, above ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 136	Joint Compound	AMA-225 Same as #135	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 137	12x12 Blue Mottled Floor Tile	AMA-316 Southeast corner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 138	12x12 Blue Mottled Floor Tile	AMA-318 Northwest corner at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 139	12x12 Dark Blue Mottled Floor Tile	AMA-315 Southwest corner, at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411- 1021 140	12x12 Dark Blue Mottled Floor Tile	AMA-316 Northwest corner, at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 141	Mudded Fitting	AMA-320 Along east wall, 6 ft from exit door at ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 142	End Cap Sealant	AMA-320 20 ft from north wall, 10 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	New
19415- 1021 143 149	End Cap Sealant	AMA-320 6 ft west of exit door, 2 ft from north wall, 8 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	Old
19415- 1021 144	White Pipe Seam Sealant	AMA-320 15 ft west of exit door, 2 ft from north wall, 5 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	New
19411- 1021 145	White Duct Seam Sealant on Canvas	AMA-320 6 ft from west wall, 10 ft from south wall, 6 ft from floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311789
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/23/2019
Date Analyzed: 10/25/2019
Report Date: 10/25/2019
Date Sampled: 10/21/2019
Person Submitting: Bob Bentz

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
311789-1	19415 1021-146	NAD	--	--	--	--	--	--	40	--	--	60	DM	Gray	Homogeneous	SW	
311789-2	19415 1021-147	40	40	--	--	--	--	--	--	--	--	60	DM	Tan	Homogeneous	SW	
311789-3	19415 1021-148	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	SW	
311789-4	19415 1021-149	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	SW	
311789-5	19415 1021-150	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-6	19415 1021-151	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-7	19415 1021-152	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-8	19415 1021-153	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-9	19415 1021-154	NAD	--	--	--	--	--	TR	10	--	--	90	DWC	Multi	Layered	SW	
311789-10	19415 1021-155	NAD	--	--	--	--	--	--	--	--	--	100	MS	Brown	Homogeneous	SW	
311789-11	19415 1021-156	NAD	--	--	--	--	--	--	--	--	--	100	MS	Brown	Homogeneous	SW	
311789-12	19415 1021-157	NAD	--	--	--	--	--	--	80	--	--	20	Paper	Black	Homogeneous	SW	
311789-13	19415 1021-158	NAD	--	--	--	--	--	--	--	--	--	100	FT	Tan	Homogeneous	SW	
311789-14	19415 1021-159	5	5	--	--	--	--	--	--	--	--	95	MS	Black	Homogeneous	SW	
311789-15	19415 1021-160	5	5	--	--	--	--	--	--	--	--	95	MS	Black	Homogeneous	SW	
311789-16	19415 1021-161	NAD	--	--	--	--	--	--	--	--	--	100	SSL	Brown	Homogeneous	SW	
311789-17	19415 1021-162	NAD	--	--	--	--	--	--	--	--	--	100	SSL	Brown	Homogeneous	SW	
311789-18	19415 1021-163	NAD	--	--	--	--	--	--	70	--	--	30	CVS	Multi	Homogeneous	SW	
311789-19	19415 1021-164	NAD	--	--	--	--	--	--	70	--	--	30	CVS	Multi	Homogeneous	SW	
311789-20	19415 1021-165	NAD	--	--	--	--	--	--	TR	--	--	100	SSL	White	Homogeneous	SW	
311789-21	19415 1021-166	NAD	--	--	--	--	30	--	30	--	--	40	CT	Multi	Layered	SW	
311789-22	19415 1021-167	NAD	--	--	--	--	30	--	30	--	--	40	CT	Multi	Layered	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311789
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
 1331 Ashton Road
 Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/23/2019
Date Analyzed: 10/25/2019
Report Date: 10/25/2019
Date Sampled: 10/21/2019
Person Submitting: Bob Bentz

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
311789-23	19415 1021-168	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-24	19415 1021-169	NAD	--	--	--	--	30	--	30	--	--	40	CT	Beige	Homogeneous	SW	
311789-25	19415 1021-170	NAD	--	--	--	--	60	--	--	--	--	40	CT	Multi	Layered	SW	
311789-26	19415 1021-171	NAD	--	--	--	--	60	--	--	--	--	40	CT	Off-White	Homogeneous	SW	
311789-27	19415 1021-172	NAD	--	--	--	--	60	--	--	--	--	40	FS	Red	Homogeneous	SW	
311789-28	19415 1021-173	NAD	--	--	--	--	--	--	70	--	--	30	CVS	Multi	Homogeneous	SW	
311789-29	19415 1021-174	NAD	--	--	--	--	--	--	70	--	--	30	CVS	Multi	Homogeneous	SW	
311789-30	19415 1021-175	NAD	--	--	--	--	--	--	--	--	--	100	GK	Brown	Homogeneous	SW	
311789-31	19415 1021-176	NAD	--	--	--	--	--	--	--	60	--	40	GK	Green	Homogeneous	SW	
311789-32	19415 1021-177	NAD	--	--	--	--	--	--	--	--	--	100	LN	Off-White	Homogeneous	SW	
311789-33	19415 1021-178	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
311789-34	19415 1021-179	NAD	--	--	--	--	--	--	--	--	--	100	MS	Tan	Homogeneous	SW	
311789-35	19415 1021-180	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-36	19415 1021-181	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-37	19415 1021-182	NAD	--	--	--	--	--	--	--	--	--	100	FT	Tan	Homogeneous	SW	
311789-38	19415 1021-183	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-39	19415 1021-184	NAD	--	--	--	--	--	--	--	--	--	100	FT	Red	Homogeneous	SW	
311789-40	19415 1021-185	NAD	--	--	--	--	--	--	--	--	--	100	FT	Red	Homogeneous	SW	
311789-41	19415 1021-186	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-42	19415 1021-187	NAD	--	--	--	--	--	--	--	--	--	100	FT	Multi	Homogeneous	SW	
311789-43	19415 1021-188	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311789

Client: Aerosol Monitoring & Analysis, Inc

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

Attention: Gary Urban

Job Name: VHC

Job Location: Arlington, VA

Job Number: 19415

P.O. Number: Not Provided

Date Submitted: 10/23/2019

Date Analyzed: 10/25/2019

Report Date: 10/25/2019

Date Sampled: 10/21/2019

Person Submitting: Bob Bentz

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
311789-44	19415 1021-189	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311789-45	19415 1021-190	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311789-46	19415 1021-191	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311789-47	19415 1021-192	NAD	--	--	--	--	100	--	--	--	--	--	CT	Yellow	Homogeneous	SW	
311789-48	19415 1021-193	NAD	--	--	--	--	100	--	--	--	--	--	CT	Yellow	Homogeneous	SW	
311789-49	19415 1021-194	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311789-50	19415 1021-195	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311789-51	19415 1021-196	NAD	--	--	--	--	60	--	--	--	--	40	CT	Multi	Layered	SW	
311789-52	19415 1021-197	NAD	--	--	--	--	60	--	--	--	--	40	CT	Multi	Layered	SW	
311789-53	19415 1021-198	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	SW	
311789-54	19415 1021-199	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	
311789-55	19415 1021-200	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	SW	

CERTIFICATE OF ANALYSIS

Chain of Custody: 311789

Client: Aerosol Monitoring & Analysis, Inc

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

Attention: Gary Urban

Job Name: VHC

Job Location: Arlington, VA

Job Number: 19415

P.O. Number: Not Provided

Date Submitted: 10/23/2019

Date Analyzed: 10/25/2019

Report Date: 10/25/2019

Date Sampled: 10/21/2019

Person Submitting: Bob Bentz

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): Surat Watson



Technical Director G. Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



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)

311789

Mailing/Billing Information:

1. Client Name: AMA
2. Address 1: Hanover
3. Address 2:
4. Address 3:
5. Phone #: Fax #:

Submittal Information:

1. Job Name: VHC
2. Job Location: Arlington VA
3. Job #: 19415 P.O. #:
4. Contact Person: Gary Johnson Cell:
Bob Best 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) <input type="checkbox"/> 4 Hours <input type="checkbox"/> Late Night <input type="checkbox"/> Immediate Date Due: _____ <input type="checkbox"/> 24 Hours Time Due: _____ Comments: _____		NORMAL BUSINESS HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day <input type="checkbox"/> 5 Day + <input type="checkbox"/> Results Required By Noon <input type="checkbox"/> Next Day Date Due: <u>10/25/19</u> <input checked="" type="checkbox"/> 2 Day		REPORT TO: <input checked="" type="checkbox"/> Email: <u>Cushen@Amf-CurBulky.com</u> <input type="checkbox"/> Email 2: <input type="checkbox"/> Verbal:
--	--	--	--	---

Asbestos Analysis

*PCM Air - Please Indicate Filter Type: _____

- NIOSH 7400 _____ (QTY)
- Fiberglass _____ (QTY)

TEM Air* - Please Indicate Filter Type: _____

- AHRA _____ (QTY)
- NIOSH 7402 _____ (QTY)
- Other (specify _____) _____ (QTY)

PLM Bulk

- EPA 600 - Visual Estimate 55 (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						MATRIX						COMMENTS / SPECIAL INSTRUCTIONS		
				TEM	PCM	PLM	LEAD	MOLD	AIR	BULKY	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB			
<u>19415021-144</u>																		
<u>194151021-200</u>																		
	<u>See</u>																	
	<u>Spurke</u>																	

Relinquished by:	<u>Bob Best</u>	Signature	<u>[Signature]</u>	Date	<u>10/23/19</u>	Time	<u>11:00</u>	Shipping Information		
Received by:	<u>[Signature]</u>		<u>[Signature]</u>		<u>10/23/19</u>		<u>11:00</u>	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> In-Person	<input type="checkbox"/> Other
								<input type="checkbox"/> FedEx	<input type="checkbox"/> Drop Box	
								<input type="checkbox"/> USPS	<input type="checkbox"/> Courier	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:** _____
Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 144	Duct Pin MUSTIC	AMA-320 @ Canvas Duct Near Stairwell	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 147	Duct Pin MUSTIC	AMA-220 21 @ duct along N. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 148	12x12 gray Squared floor tile	AMA-51 inside elevator by main doors	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 149	↓	AMA-73 @ corner of Hall on floor	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 150	12x12 Blue Multi floor Square tile	AMA-352 Along south wall, 6 ft from west floor	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019

Address: 601 S Carlin Springs Road

Company: AMA

Job Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327

Job Site: VHC

Contact Person: Gary Urban

Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 151	12x12 Blue multi-spec floor tile	AMA-353 Along north wall, 5 ft from east wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 152	12x12 Black w/ white speck floor tile	AMA-352 Same as #150	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 153	↓	AMA-353 Same as #151	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 154	2x4 Smooth Ceiling tile	AMA-224 along S. wall ~6 ft High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 158	Brown Hair from waste	AMA-18 underneath stairs	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By:

Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415- 1021 157	Brown Stiff tread maste	AMA-46 underneath stairs	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 157	Paper Cement Support	AMA-62 Along w. wall Above D.C.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 158	12x12 Tan Mottled floor tile	AMA-359 Along S. wall left from w. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415- 1021 159	Black Maste on foil	AMA-2 Above D.C. along w. wall left from N. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411- 1021 110	↓	AMA-88 Above D.C. Along S. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019

Address: 601 S Carlin Springs Road

Company: AMA

Job Number: 19415

Arlington, VA

Telephone Number: (410) 684 - 3327

Job Site: VHC

Contact Person: Gary Urban

Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 161	Brown Metal duct seam sealant	AMA-28 Along e wall @ duct 21	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415-1021 162	↓	AMA-28 Along S. wall @ duct 21	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415-1021 163	green Canvas duct	Same as 161	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19415-1021 164	↓	AMA-29 Along N. wall 3ft from W. Wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	
19411-1021 165	White duct Seamy Sealant on Canvas	AMA-29 Along N. wall @ duct	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: /

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-162/164	2x4 Small pin-hole ceiling tile	AMA-26 Along S. wall 4ft from W. wall @ Ceiling	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415-162/167	↓	AMA-26 Along N. wall 10ft from E. wall @ Ceiling	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415-162/168	12x12 White floor tile w/ grey specks	AMA-26.2 Along N. wall 4ft from E. wall at floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415-162/169	2x2 Rough Ceiling tile	AMA-30 right above door threshold	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19411-162/170	2x2 Crater pinhole Ceiling tile	AMA-54 Along S. wall 2ft W. wall	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1621171	ZxZ Crater Pinnole Ceilyite	AmA-297 Along N. wall left from E. wall	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021172	Redfire stop	AmA-29 Along S. wall by door	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021173	green Corros dark	AmA-49 along E. wall @ tank	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021174	↓	same AS 173	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021175	Flange gasket	AmA-49 @ 2nd level Along W. wall	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021174	Flange gasket	AMA-49 At 2nd level along w. wall 5ft from Corridor space door	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021177	Insulation sheets	AMA-36 in Bathroom @ door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021178	grat Insulation mesh	Same AS 177	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021179	↓	Same AS 178	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021180	12x12 white malle plastic	AMA-64 Along w. wall 3ft from N. Wall on floor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	1st/last



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021181	12x12 white mottled floor tile	Same AS 180	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	1st layer
19415-1021182	12x12 Tan floor tile	Same AS 181	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	2nd layer
19415-1021183	↓	Same AS 182	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	↓
19415-1021184	12x12 Red mottled floor tile	Area-280 Along N. wall towards middle of floor	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021185	↓	Area-282 - Along W. wall Near middle of floor	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1621-186	2-1/2" white w/ Blue Strake FF	AMA-344 at Bathroom threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-187	↓	AMA-144 inside along N. wall 16ft from W. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-188	Drywall	AMA-254 Along N. wall Above DC.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021-189	Joint Compound	See AS 188	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021-196	Drywall	AMA-267 Along N. wall 4ft from Bathroom	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 **Address:** 601 S Carlin Springs Road **Company:** AMA
Job Number: 19415 Arlington, VA **Telephone Number:** (410) 684 - 3327
Job Site: VHC **Contact Person:** Gary Urban **Samples Taken By:**
Chain of Custody #:

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021 191	Any Joint Compound	See AS 190	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 192	2x4 Smooth pin hole ceiling	Amt-308 Along N. wall 6ft from w. wall - Ch high	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 193	↓	Amt-309 Along S. wall 8ft from E. wall Ch high	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021 194	Dry wall	Amt-318 Along N. wall 20ft from E. wall Above DC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021 195	Joint Compound	See AS 194	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)



ACM Bulk Sampling Survey Sheet

Date Collected: Oct 2019 Address: 601 S Carlin Springs Road Company: AMA

Job Number: 19415 Arlington, VA Telephone Number: (410) 684 - 3327

Job Site: VHC Contact Person: Gary Urban Samples Taken By: _____

Chain of Custody #: _____

Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415-1021196	2x2 Textured pinhole residue	AMA-295 Along s. wall 6ft from w. wall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ^{BB} <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021197	↓	AMA-296 Along N. wall 8ft from w. wall	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021198	Dry wall	AMA-145 Along w. wall 4ft from N. wall in Bathroom	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19415-1021199	Joint Compound	Same AS - 198	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	
19411-1021200	↓	AMA-180 At NW corner of Reception pillar	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	<input type="checkbox"/> Yes <input type="checkbox"/> No #	

(Revised 8/01)

CERTIFICATE OF ANALYSIS

Chain of Custody: 312872
Client: Aerosol Monitoring & Analysis, Inc
Address: PO Box 646
1331 Ashton Road
Hanover, MD 21076
Attention: Gary Urban

Job Name: VHC
Job Location: Arlington, VA
Job Number: 19415
P.O. Number: Not Provided

Date Submitted: 10/31/2019
Date Analyzed: 11/01/2019
Report Date: 11/01/2019
Date Sampled: 10/31/2019
Person Submitting: Bob Bentz

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
312872-1	194151031-01	NAD	--	--	--	--	--	--	--	--	--	100	CM	Yellow	Homogeneous	LBP	
312872-2	194151031-02	NAD	--	--	--	--	--	--	--	--	--	100	CM	Yellow	Homogeneous	LBP	
312872-3	194151031-03	NAD	--	--	--	--	--	--	--	--	--	100	CM	Yellow	Homogeneous	LBP	
312872-4	194151031-04	NAD	--	--	--	--	--	--	--	--	--	100	LN	Gray	Homogeneous	LBP	

CERTIFICATE OF ANALYSIS

Chain of Custody: 312872

Client: Aerosol Monitoring & Analysis, Inc

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

Attention: Gary Urban

Job Name: VHC

Job Location: Arlington, VA

Job Number: 19415

P.O. Number: Not Provided

Date Submitted: 10/31/2019

Date Analyzed: 11/01/2019

Report Date: 11/01/2019

Date Sampled: 10/31/2019

Person Submitting: Bob Bentz

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): Lom Butruk



Technical Director G. Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



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

(Please Refer To This
 Number For Inquires)

312872

CHAIN OF CUSTODY

Mailing/Billing Information:

1. Client Name: Amk Hammer
 2. Address 1: _____
 3. Address 2: _____
 4. Address 3: _____
 5. Phone #: _____ Fax #: _____

Submittal Information:

1. Job Name: VHC
 2. Job Location: Arlington VA
 3. Job #: 19415 P.O. #: _____
 4. Contact Person: Gary Usber Cell: _____
 5. Collected by: Bob Bantz 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) <input type="checkbox"/> 4 Hours <input type="checkbox"/> Late Night <input type="checkbox"/> Immediate Date Due: _____ <input type="checkbox"/> 24 Hours Time Due: _____ Comments: _____		NORMAL BUSINESS HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day <input type="checkbox"/> 5 Day + <input checked="" type="checkbox"/> Next Day <input type="checkbox"/> Results Required By Noon <input type="checkbox"/> 2 Day Date Due: <u>11/1/19</u>		REPORT TO: <input checked="" type="checkbox"/> Email: <u>Boban@Amalab.com</u> <input type="checkbox"/> Email 2: _____ <input type="checkbox"/> Verbal: _____
--	--	--	--	--

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 4 (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						MATRIX						COMMENTS / SPECIAL INSTRUCTIONS	
				TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB		
19415-1031-01						X						X					
19415-1031-01						X						X					
	See Slides																

Relinquished by:	<u>Bob Bantz</u>	Signature	<u>[Signature]</u>	Date	<u>10/31/19</u>	Time	<u>10:00</u>	Shipping Information		
Received by:	<u>[Signature]</u>				<u>10/31/19</u>		<u>10:00</u>	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> No Person	<input type="checkbox"/> Other
								<input type="checkbox"/> FedEx	<input type="checkbox"/> Drop Box	
								<input type="checkbox"/> USPS	<input type="checkbox"/> Courier	



Bulk Sampling Survey Sheet

Date Collected: 10/31/19

Address: _____

Company: AMA

Job Number: 19415

Telephone Number: (410) 684 - 3327

Job Site: VHC

Contact Person: Gary Urban

Samples Taken By: Bob Bentz

Chain of Custody #: _____

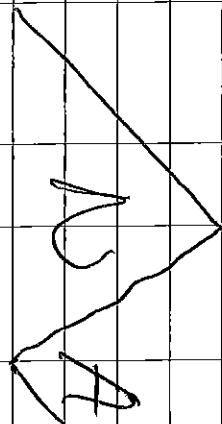
Sample Number	Type of Material Sampled	Sample Location	Friable	Condition of Material	Accessibility	Photo	Comments
19415 1031 01	Yellow Carpet mat	AMA-01 3rd N. Room @ door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415 1031 02	↓	AMA-08 OR/Athostia Room @ door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415 1031 03	↓	AMA 21 Telephone Room Business office @ door threshold	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
19415 1031 04	Linokeum Smalley	AMA-17 Access from IOP Conference Room under carpet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potentially	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #	

APPENDIX B: LEAD-BASED PAINT DOCUMENTATION

NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Arlington VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm ²)
01	Calibration							001 4.75
02								002 0.9
03								003 1
04								004 1
05	Urgent care triage	S	whit	wall	DW	F		005 0
06		S	pink	doorcase	metal	F		006 0.03
07		N	red	windowsill	DW	F		007 0
08		ceiling	white	ceiling	DW	F		008 0
09	urgent care triage kitchen	S E	white	sink	porcelain	F		009 0.28
10		E	white	tab	porcelain	F		010 0
11	urgent care hallway	S	white	wall	DW	F		011 0
12		N	white	door case	metal	F		012 0.08
13		N	↓	wall	plaster	F		013 0
14	Room exams	S	↓	wall	↓	F		014 0
15		ceiling	↓	ceiling	DW	F		015 0
16		fl	white	windowsill	DW	F		016 0
17	Urgent care hallway	ceiling	orange	Iron	metal	F		017 0.6
18	Starwood B	w	blue	wall	any	F		018 0.02
19		w	↓	door	metal	F		019 0.05
20		↓	↓	doorcase	↓	F		020 0.03



JOB# 19415

DATE: 10/16/19

NTON XLP 300
FIELD FORM

JOB NAME: V.H.C.
ADDRESS: Arlington VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
21	Stairwell B	Stairs	gray	Post Nail	Metal	I		021 4.2
22	Calibration			Shingle		I	SS	022 4.76
23	Stairwell B	Stairs	gray	Stringer	Metal	I		023 8
24				Riser		I		024 4.5
25				Spindle		I		025 5.6
26				quarter		I		026 0
27	LL Mech Room 3	Wing	white	Wall	Pl	II		027 0
28			gray	Door	Wood	I		028 0.4
29				Door	Metal	I		029 0.04
30				Ceiling	Pl	I		030 0
31	LL Hallway	E	white	wall	Con	I		031 0.05
32		W	Gray	elctric panel	Metal	II		032 0.09
33		E	Blue	luser	Metal	I		033 0.01
34	Mech Room 4	E	gray	Floor cover		I		034 0.05
35				Floor	concrete	III		035 0.02
36		Floor		Wall	Org	I		036 0
37		S	white	Door	Metal	I		037 0
38	elevator #2	W	Blue	Door	Metal	I		038 0.18
39		W		door		I		039 0.28
40	Specialization Room LL	E	Blue	Plaster	Metal	II		040 0
41		Ceiling	white	Ceiling	Pl	I		041 0

JOB# 19415

DATE: 10/16/19

PAGE 2 OF 11

JOB NAME: VHE

ADDRESS: Arlington VA

NITON XLP 300
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
42	Specification Room	E	white	wall	CMU	I		042 0
43	LL Restroom	E	↓	wall	Plaster	II		043 0
44	↓	W	Blue	Door	wood	I		044 0.6
45	↓	E	↓	door case	metal	I		045 0
46	Meck Room 5	ceiling	black	truss	metal	I	Calibrators	046 4.57
47	Meck Room 5	ceiling	black	truss	metal	F		047 0.03
48	Calibration	Floor	Red	5 hinged steel	metal	F		048 4.84
49	Mech Room 5	Floor	Red	5 hinged steel	metal	F		049 0
50	↓	W	green	canoe center	Canvas	F		050 0
51	↓	W	gray	Alu roofing	metal	F		051 0.02
52	LL Bathroom	W	white	pruwall	plastic	F		052 0
53	↓	ceiling	↓	ceiling	Dus	F		053 0.01
54	Engineering office	S	↓	wall	cmo	I		054 0.06
55	↓	ceiling	↓	ceiling	Dus	I		055 0
56	↓	N.	↓	SNIP	wood	I		056 0
57	↓	S	Red	Cage	metal	I		057 0
58	Stairwell D	S	white	wall	Dus	I		058 0
59	↓	stairs	gray	Wall Post	Metal	I		059 6.2
60	↓	stairs	↓	shower	↓	I		060 10.1
61	↓	stairs	↓	brks	↓	I		061 4.8

JOB# 19415

DATE: 10/16/19

NITON XLP 300
FIELD FORM

JOB NAME: VHS
ADDRESS: Asheboro VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm ²)
62	Stairwell	Stairs	gray	Spindel	metal	I	f	062 2.7
63	Maths office	N	blk	W-11	PD	E		063 0
64		D	↓	Quisnel	wood	I		064 0
65		↓	↓	Rubber floor	metal	I		065 0.02
66	Math Boilers Room	N	tbl	Rail	↓	NIE	f	066 2
67		E	white	wall	CMU	I		067 0.01
68		N	blk	Conwalk	metal	I		068 0.01
70		Stairs	tbl	springer	↓	IE	↓	070 5.3
71		Stairs	tbl	shot sandbag	concrete	NK	f	071 2.3
72		E	pepp	skk	metal	I		072 0
73		E	Blck	electronic panel	metal	I		073 0.04
75		E	white	pipe	metal	I		075 0.1
74		N	Red	water panel	↓	I		076 0
77		N	White	springer	concrete	NIE		077 0.09
79		N	gray	floor	M/H	I	f	078 6.1
79		N	Blck	door	↓	I		079 0.03
80		N	↓	door casings	↓	I		080 0.05
81		Red	green	pipe	↓	I		081 0.03
82		NE	Red	Down	↓	I		082 0.5
83	LL Hallway	E	white	wall	Brk	F		083 0

JOB# 19415

DATE: 10/16/19

PAGE 4 OF 11

NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Arroyo VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm ²)
84	LL Hallway	W.	White	Chair	Wood	I		084 0
85		E	gray	door	wood	I		085 0
86		↓	↓	door	↓	I	Prevalent	086 0
87	Kitchen LL	N	White	columns	plstc	I		087 0.01
88		Ceiling	↓	Crky	Plstc	I		088 -0.13
89		W.	↓	Wall	Crtd	I		089 0.04
90		W.	↓	General surface	Concrete	I		090 3
91		S	↓	Wall	Concrete	I		091 2.9
92	Shw Room A	W.	gray	door	Wood	I		092 0.09
93		W	↓	door	metal	I		093 0.12
94	Kitchen LL	Being	Black	truss	metal	I		094 0.01
95	Mechanical Room R	Floor	gray	Floor	concrete	I		095 0.01
96	Outside of house	W.	White	vent	metal	I		096 0.01
97	loading dock Area	S	white	well	Crtd	I		097 0.02
98		E	Blk	Refrigerator	Metl	I		098 0
99		E	white	well	plstc	I		099 0
100		E	↓	well	Crtd	I		100 0
101	Applicators	Ceiling	Blk	Ceiling	Crtd	I		101 0
102		W.	gray	door	Metl	I		102 0.04
103	Mechanical Services Room LL	Ceiling	Blk	truss	Metl	I		103 0.02

JOB# 19415

DATE: 10/14/19

NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Anthonyville

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm ²)
104	LL Hallway	Ni	white	wall	CMO	NI		104 0
105	CONFERENCE ROOM	Ceiling	Blue	truss	metal	I		105 0
106	Room 320	W	white	door	wood	I		106 0.01
107		W	↓	door case	metal	I		107 0.16
108		W	↓	Wall	PU	F		108 0
109	Radiology Schwabig	Ceiling	Red	Truss	metal	I		109 0.02
110		N	white	column	rod	I		110 0
112		Ceiling	orange	I-beam	metal	I		112 1.2
113		Ceiling	white	Ceiling	rod	I		113 0
114	Tramway	E	gray	door	wood	I		114 0
115		E	↓	door ceiling	metal	I		115 0
117	TOP CONFERENCE ROOM	Ceiling	white	truss	↓	I		117 0
118		Ceiling	↓	Ceiling	rod	I		118 0
119	elcher by classroom 4	W	↓	elcher door	metal	I		119 0.12
120		↓	↓	elcher casing	↓	↓		120 0.3
121		W	↓	Tiger case	↓	↓		121 0
122		E	↓	elcher panel	↓	↓		122 0
123	OR Room	W	green	file	Ceramic	↓		123 7.8
124		E	white	wall	plaster	↓		124 0
125	Main Hallway	E	↓	wall	rod	I		125 0

JOB# 192115

DATE: 10/14/19

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NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Adelphi St

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
124	Main Hallway	S ↓	gray ↓	door	Metal	E		126 0
127	↓	↓	↓	door case	↓	↓		127 0
128	Business Hallway	S	gray	windows	↓	↓		128 1.7
129	Hallway into day care	w.	gray	door case	↓	↓	+	129 0.3
130	↓	w.	white	door case	plaster	↓		130 0
131	↓	w.	↓	chair	wood	↓		131 0
132	Day Care, Play Room	Ceiling	Blk	Truss	Metal	↓		132 0.01
133	↓	N.Wall	white	Rubbers	↓	↓		133 0
134	Reception Area	Ceiling	Red	I-Beam	↓	↓		134 0
135	↓	W.wall	yellow	Wall	Dvd	↓		135 0
136	↓	Ceiling	white	Ceiling	↓	↓		136 0
137	Men's Room	W.wall	Tan	Wall	Ceramic	↓		137 0.02
138	↓	N.Wall	white	Wall	Dvd	↓		138 0
139	Two's Rm	N.Wall	Beige	Refrigerator	Metal	↓		139 0
140	↓	N.Wall	↓	Door	Wood	↓		140 0
141	↓	↓	Blue	Door Case	Metal	↓		141 0
142	Pediatrics, Reception	Center of Open	White	Column	Dvd	↓		142 0
143	↓	N.Wall	↓	Door	Wood	↓		143 0
144	↓	↓	↓	Door Case	Metal	↓		144 0
145	↓	↓	↓	Elevator Door	↓	↓		145 0.5

JOB# 19415

DATE: 10/14/19

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NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Arlington VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm ²)
146	Pediatrics, Exam 10, Bathroom	N. Wall	Tan	Wall Tile	Ceramic	F	Older Tile	146 3.3
147		↓	Pink	↓	↓			147 0.1
148		N. Wall	Gray	Door Case	Metal			148 0
149		E. Wall	Pink	Wall	Plastic			149 0
150		W. Wall	White	Window Sill	DW			150 0
151	Reception Area	S. Wall	Beige	Electrical Panel	Metal			151 0
154	Perthouse Stairwell	↓		Door	Metal		Exit Door #6	154 1.4
156		S. Wall		Door Case				156 0.01
157		E. Wall		Stair Stringer				157 6.4
158		↓	off white	Wall	Plastic			158 0
159	RM 4	S. Wall	↓	↓	DW			159 0
160		↓		Door Case	Metal			160 0
161		W. Wall	Beige	Elevator Door Sill	↓			161 0.2
162		↓	off white	off white	DW			162 0
163	Accounting Dept., Air Air Area	N. Wall	White	Wall	BW			163 0
164		↓	↓	Door Case	Metal			164 0
165	Training Area Outside Kitchen	E. Wall	Brown	Door	↓		Exit Door	165 0
166		↓	White	Door Case	↓			166 0.01
167	Billing Corridor, Outside Restroom	N. Wall	Gray	Wall	DW			167 0
168		S. Wall	↓	Door	Wood			168 0

JOB# 19415

DATE: 12/16/19

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NITON XLP 300
FIELD FORM

JOB NAME: VHC
ADDRESS: Perlogen Va

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm ²)
169	Billings Corridor, by Estroom	S. Wall	Gray	Door Case	Metal	I		169 0.03
170	By Room 9	E. Wall	↓	Door	Wood			170 0
171	Room 9	↓	↓	Door Case	Metal			171 0
172	↓	N. Wall	Yellow	Wall Tile	Ceramic			172 0.01
173	↓	S. Wall	White	Wall	DW			173 0
174	Main Corridor	E. Wall	Gray	Door	Metal			174 0
175	↓	↓	↓	Door Case	↓			175 0.01
176	Health/Wellness Area	N. Wall	White	Wall	DW			176 0
177	North Side Boiler Room ↓	S. Wall	Gray	Door Case	Metal			177 0
178	North Side Boiler Rm, Atticem	↓	Tan	Door	↓			178 0.13
179	↓	↓	↓	Door Case	↓			179 0.12
180	↓	S. Side	Orange	Support Column	↓			180 1.5
181	↓	S. Wall	White	Wall	Plaster			181 0
182	↓	↓	↓	Dirt	↓			182 0.01
183	↓	↓	↓	Elevating Platform	↓			183 0
184	↓	S. Side	Orange	Support Column	↓			184 0.4
185	↓	↓	↓	Pipe	↓			185 0
186	↓	At Stair	Blue	Door	Wood			186 0.03
187	↓	↓	↓	Door Case	Metal			187 0.13
188	↓	↓	Tan	Wall	Plaster	NI		188 0.05

JOB# 19415

DATE: 10/16/19

NITON XLP 300
FIELD FORM

JOB NAME: VHE
ADDRESS: Arlington VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm ²)
189	N. Side Boiler Room, Room	N. Side	yellow	Gas paper	Metal	I		189 0
190	Attic Area	by Aisle	Gray	Support Column		I		190 2
191		W. Side	white	Electrical Panel		NI		191 0
192			Green	Tank Hanger		I	Tank Hanger	192 6
193				TANK		I		193 0.03
194	Lower Level Hallway	Exit door #19	Blue	Door Case		I		194 0.02
195		Exit door #13	Gray	Door Case		I		195 0.04
196		Exit door #11	Gray	Door Case		I		196 0
197		Exit door #11	Gray	Door Case		I		197 0
198	Lower Level, Kitchen		Gray	Door Case		I		198 0
199			Gray	Sink guard		I		199 0.01
200		N. Wall	Gray	Door Case		I		200 0
201		Exit door #10		Door Case		I		201 0.04
202		Exit door #17		Door Case		I		202 0.17
203	Stairway B	Exit door #20		Door Case		I		203 0.02
204		Exit door #20		Door Case		I		204 0.05
205	Boiler Level, By Locksmith Shop			Door Case		I		205 0.11
206				Door Case		I		206 0.14
207		Mech. Rm 1	Brown	Door		I		207 0
208		S. Side	Gray	Floor	Concrete	I		208 0

JOB# 19415

DATE: 6/16/19

APPENDIX C: PHOTOGRAPHS

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



Photo #1

**Material: 12"x12" White Mottled Floor Tile
Sample Result: No Asbestos Detected**

Photo #2

**Material: Drywall Joint Compound
Sample Result: No Asbestos Detected**



Photo #3

**Material: Fissure Pinhole Ceiling Tile
Sample Result: No Asbestos Detected**



Photo #4

**Material: Mercury Thermostat
Sample Result: Not Sampled**

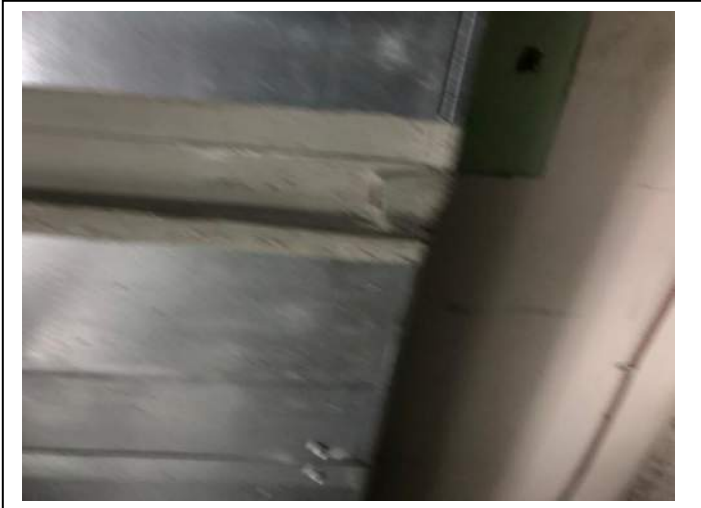
**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



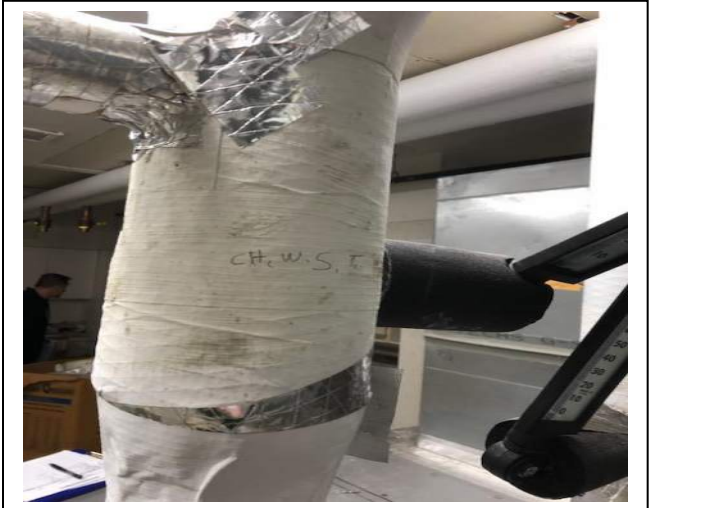
**Photo #5
Material: 12"x12" Tan Mottled Floor Tile
Sample Result: No Asbestos Detected**



**Photo #6
Material: Transite Fume Hood
Sample Result: Not Sampled**



**Photo #7
Material: Gray Duct Seam Sealant
Sample Result: No Asbestos Detected**



**Photo #8
Material: White Pipe Seam Sealant
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #9
Material: Tan Baseboard Mastic
Sample Result: No Asbestos Detected**



**Photo #10
Material: 12"X12" White With Black Streaks
Sample Result: No Asbestos Detected**

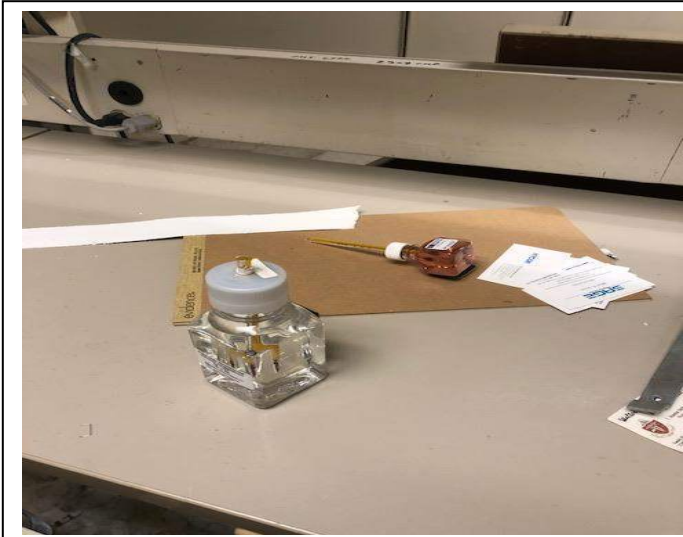


**Photo #11
Material: Sample Result: Brown Stair Tread
Mastic
Sample Result: No Asbestos Detected**



**Photo #12
Material: Brown Pin Mastic
Sample Result: 40% Chrysotile**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #13
Material: Mercury Thermometers
Sample Result: Not Sampled**



**Photo #14
Material: Brown Metal Duct Seam Sealant On
Metal
Sample Result: No Asbestos Detected**



**Photo #15
Material: 2'x4' small pinhole ceiling tile
Sample Result: No Asbestos Detected**



**Photo #16
Material: 2'x2' Rough Ceiling tile
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
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**Photo #17
Material: 12"x12" White With Red Specks
Floor Tile
Sample Result: No Asbestos Detected**



**Photo #18
Material: Green Canvas Duct
Sample Result: No Asbestos Detected**



**Photo #19
Material: White Pipe Seam Sealant (New)
Sample Result: No Asbestos Detected**

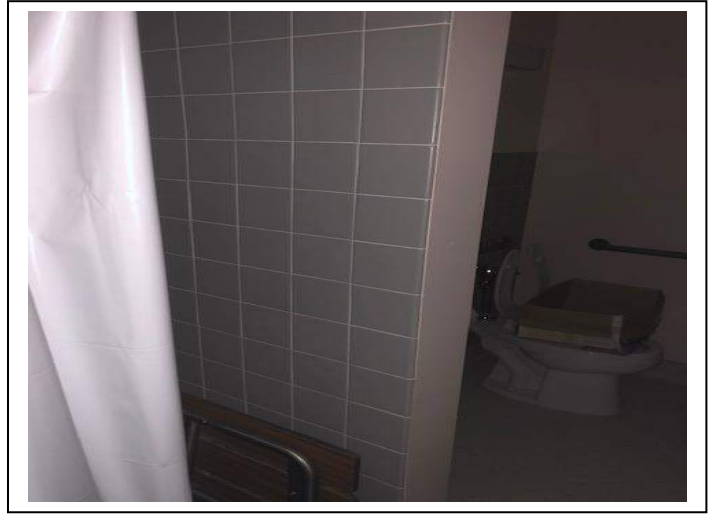


**Photo #20
Material: Linoleum Sheetting With Gray Mastic
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #21
Material: 2'x4' Smooth Ceiling Tile
Sample Result: No Asbestos Detected**



**Photo #22
Material: Ceramic Tile Grout
Sample Result: No Asbestos Detected**

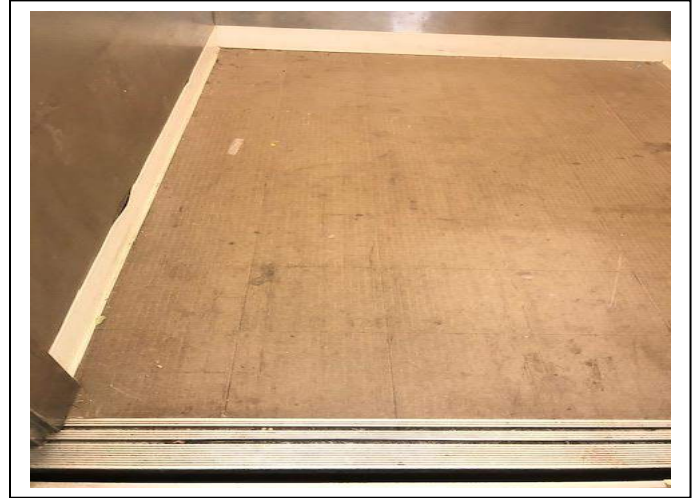


**Photo #23
Material: Green Canvas Mudded Duct
Sample Result: No Asbestos Detected**



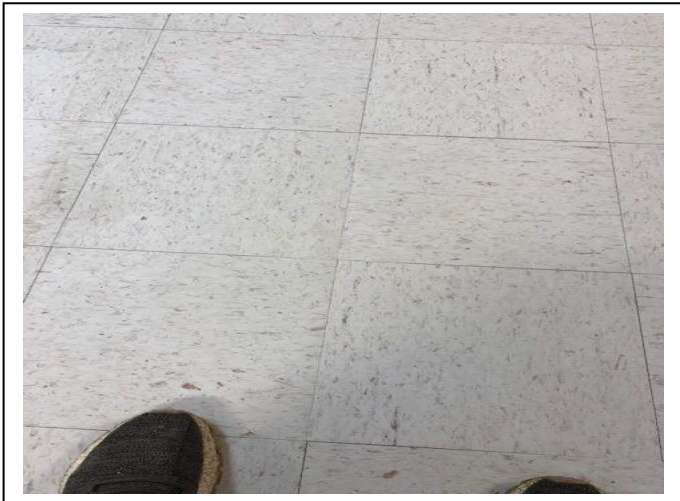
**Photo #24
Material: Spray Applied Fire Proofing
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo # 25
Material: Muddied Fitting
Sample Result: 5% Chrysotile**

**Photo #26
Material 12"x12" Gray Square Floor Tile
Sample Result: No Asbestos Detected**



**Photo #27
Material: 12"x12" White with Brown Specks
Floor tile
Sample Result: No Asbestos Detected**

**Photo #28
Material: 12"x12" White With Black Specks
Floor Tile
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
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**Photo #29
Material: 12"x12" Gray Mottled Floor Tile
Sample Result: No Asbestos Detected**

**Photo #30
Material: Tan Duct Seam Sealant on Metal
Sample Result: No Asbestos Detected**



**Photo #31
Material: Rough Plaster
Sample Result: No Asbestos Detected**

**Photo #32
Material: White Pipe Seam Sealant (Old)
Sample location:**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #33
Material: End Cap Sealant (New)
Sample Result: No Asbestos Detected**



**Photo #34
Material: Green Canvas Tank
Sample Result: No Asbestos Detected**



**Photo #35
Material: 12"x12" White Floor Tile
Sample Result: No Asbestos Detected**



**Photo #36
Material: Black Floor Tile Mastic
Sample Result: 3-5% Chrysotile**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #37
Material: Cloth Vibration Dampner
Sample Result: No Asbestos Detected**



**Photo #38
Material: 12"x12" Pink Floor Tile
Sample location:**



**Photo #39
Material: Black Mastic On Fiberglass Insulation
Sample Result: 5% Chrysotile**



**Photo #40
Material: Transite Window Sill
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



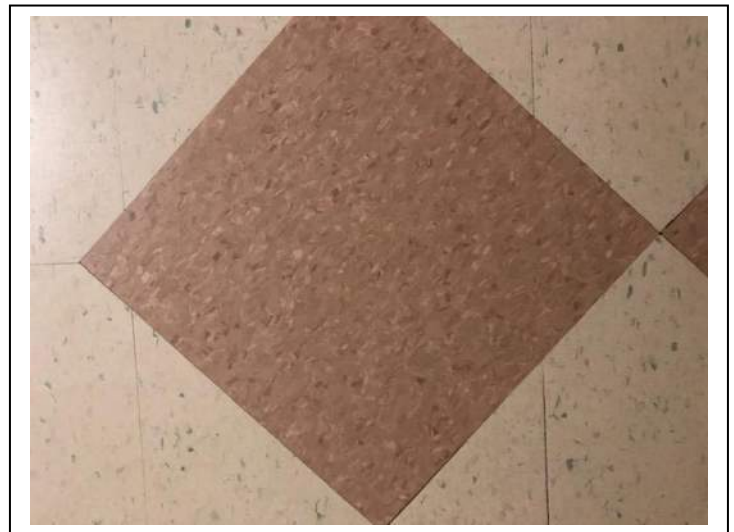
**Photo #41
Material: Smooth Plaster
Sample Result: No Asbestos Detected**



**Photo #42
Material: Tan Floor Tile Mastic
Sample Result: No Asbestos Detected**



**Photo #43
Material: Gray Metal Duct Seam Sealant
Sample Result: No Asbestos Detected**

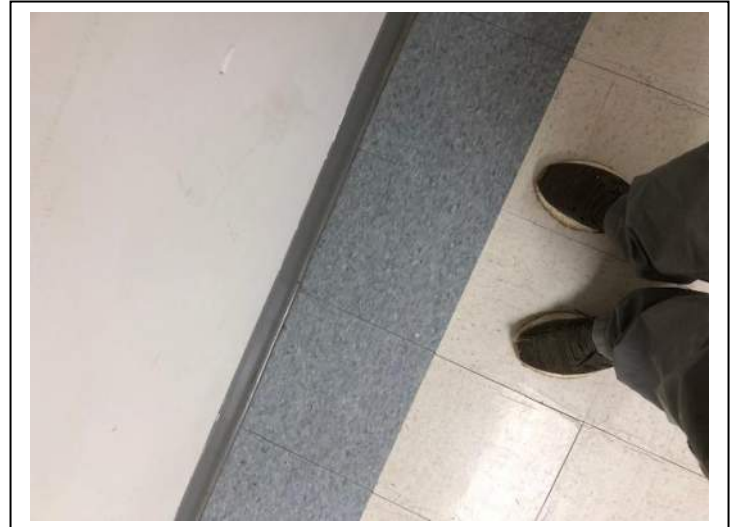


**Photo #44
Material: 12"x12" Pink Mottled Floor Tile
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #45
Material: Black Mastic Underneath Yellow
Carpet Mastic
Sample Result: 2% Chrysotile**



**Photo #46
Material: 12"x12" Blue Mottled Floor Tile
Sample Result: No Asbestos Detected**



**Photo #47
Material: 12"x12" Tan Floor Tile
Sample Result: No Asbestos Detected**



**Photo #48
Material: Tan Duct Seam Sealant on foil
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



**Photo #49
Material: Tan Duct Seam Sealant On Metal
Sample Result: No Asbestos Detected**



**Photo #50
Material: Non-PCB Ballast
Sample Result: Not sampled**



**Photo #51
Material: 12"x12" White With Green Specks
Floor Tile
Sample Result: No Asbestos Detected**



**Photo #52
Material: 12"x12" White With Pink Specks
Floor Tile
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
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**Photo #53
Material: White Baseboard Mastic
Sample Result: No Asbestos Detected**



**Photo #54
Material: 12"x12" Green Mottled Floor Tile
Sample Result: No Asbestos Detected**



**Photo #55
Material: 12"x12" White With Gray Specks
Floor Tile
Sample Result: No Asbestos Detected**



**Photo #56
Material: White Duct Seam Sealant On Metal
Sample Result: No Asbestos Detected**

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
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October 2019**



Photo #57

**Material: White Duct Seam Sealant on Foil
Sample Result: No Asbestos Detected**

Photo #58

**Material: 12"x12" Red Mottled Floor Tile
Sample Result: No Asbestos Detected**



Photo #59

**Material: 12"x12" Cream Mottled Floor Tile
Sample Result: No Asbestos Detected**



Photo #60

**Material: Gray Sink Mastic
Sample Result: No Asbestos Detected**

Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019

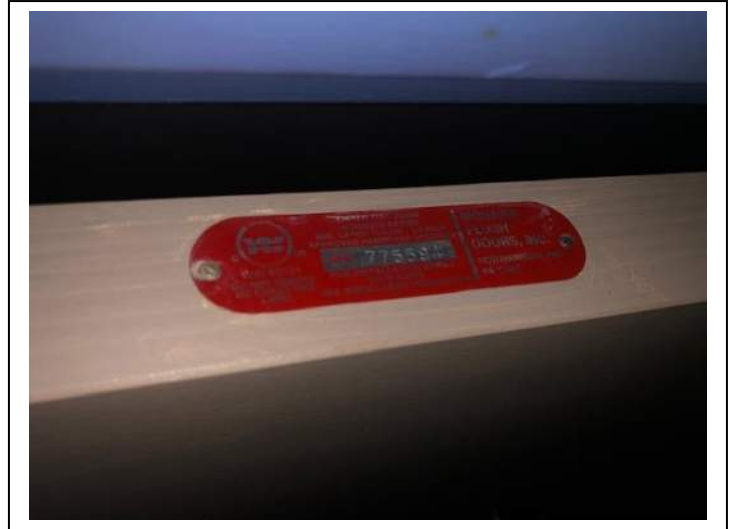


Photo #61
Material: Smooth Pinhole Ceiling Tile
Sample Result: No Asbestos Detected

Photo #62
Material: Labeled Metal Fire Door
Sample Result: Assumed ACM



Photo #63
Material: Cratered Pinhole Ceiling Tile
Sample Result: No Asbestos Detected

Photo #64
Material: Black Mastic On Foil Duct
Sample Result: 5% Chrysotile

Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
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October 2019



Photo #65
Material: Black Mastic On Canvas Duct
Sample Result: 5% Chrysotile



Photo #66
Material: Sink Trap
Sample Result: Potential Mercury



Photo #67
Material: Textured Ceiling Tile
Sample Result: No Asbestos Detected



Photo #68
Material: 12"x12" White with Black Specks
Sample Result: No Asbestos Detected

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
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October 2019**



**Photo #69
Material: Black Vapor Barrier
Sample Result: No Asbestos Detected**



**Photo #70
Material: 12"x12" Blue Mottled Floor Tile
Sample Result: No Asbestos Detected**



**Photo #71
Material: 12"x12" Dark Blue Mottled
Sample Result: No Asbestos Detected**



**Photo #72
Material: End Cap Sealant (Old)
Sample Result: No Asbestos Detected**

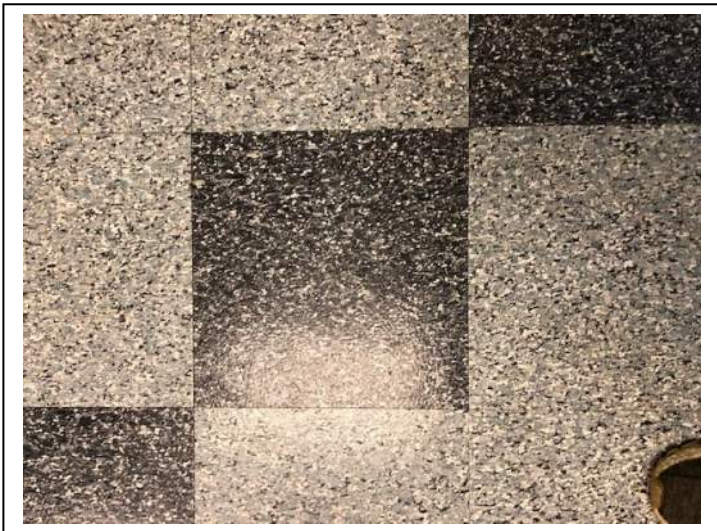
**Photo Log
Arlington County
Virginia Hospital Center
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Arlington, VA
October 2019**



**Photo #73
Material: Yellow Carpet Mastic
Sample loc Sample Result: No Asbestos Detected**



**Photo #74
Material: Labeled Wooden Fire Door
Sample Result: Assumed ACM**



**Photo #75
Material: 12"x12" Black With White Specks
Floor Tile
Sample Result: No Asbestos Detected**



**Photo #76
Material: 12"x12" Blue Multi-Speck Floor Tile
Sample Result: No Asbestos Detected**

Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019

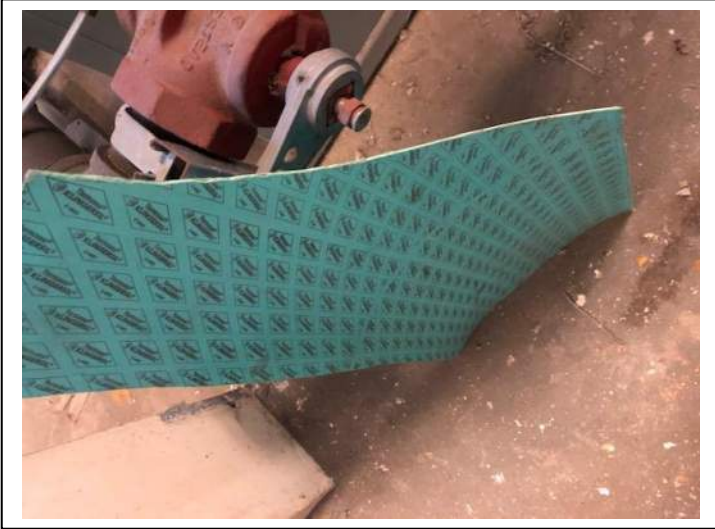


Photo #77
Material: Flange Gasket Material
Sample Result: No Asbestos Detected

Photo #78
Material: Flange Gasket
Sample Result: No Asbestos Detected



Photo #79
Material: 12"x12" Pink Floor Tile
Sample Result: No Asbestos Detected



Photo #80
Material: Tan Light Mastic
Sample Result: No Asbestos Detected

Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019



Photo #81
Material: Red Fire Stop
Sample Result: No Asbestos Detected



Photo #82
Material: Cement Paper Support
Sample Result: No Asbestos Detected



Photo #83
Material: Elevator Door Insulation
Sample Result: Assumed ACM



Photo #84
Material: Elevator Cab Insulation
Sample Result: Assumed ACM

**Photo Log
Arlington County
Virginia Hospital Center
601 S. Carlin Springs Road
Arlington, VA
October 2019**



Photo #85

**Material: White Duct Seam Sealant On Canvas
Sample Result: No Asbestos Detected**



Photo #86

**Material: Freezer Insulation
Sample Result: Assumed ACM**

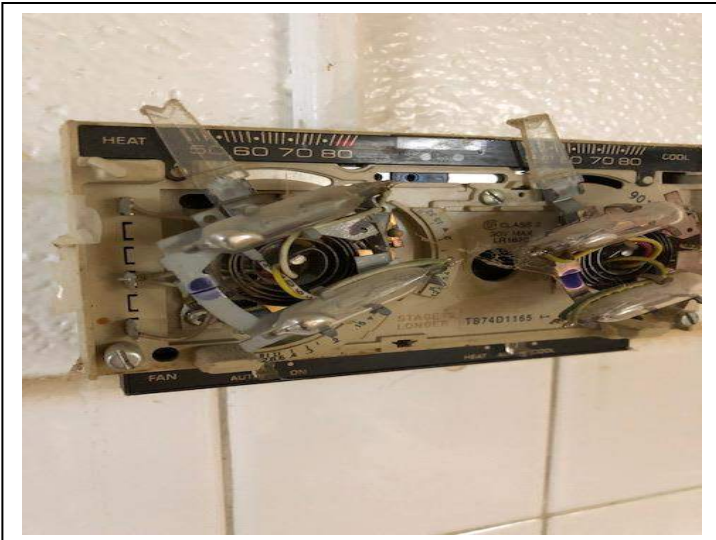


Photo #87

**Material: Mercury Tubes
Sample Result: Potential Mercury**

APPENDIX D: SITE DRAWINGS

HAZMAT KEY

ACM'S

- A. BLACK FLOOR TILE MASTIC
- B. BLACK MASTIC ON FIBERGLASS PIPE INSULATION
- C. BLACK MASTIC ON FOIL DUCT INSULATION
- D. BLACK MASTIC ON FIBERGLASS DUCT INSULATION
- E. MUDDED FITTING INSULATION
- F. BROWN DUCT PIN MASTIC

ACM/ASSUMED PRESENT ABOVE FIXED CEILINGS

- G. MUDDED FITTING INSULATION
- H. BLACK MASTIC ON DUCTS AND FIBERGLASS INSULATION

ACM/ ASSUMED PRESENT IN WET WALLS

- I. PIPE AND PIPE FITTING INSULATION

ACM/ ASSUMED PRESENT IN CRAWL SPACE

- J. PIPE AND PIPE FITTING INSULATION

ASSUMED ACM'S

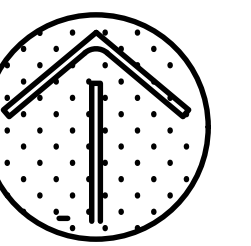
- K. METAL LABELED FIRE DOORS
- L. WOODEN LABELED FIRE DOORS
- M. ELEVATOR DOOR INSULATION
- N. ELEVATOR CAB INSULATION

LEAD BASED PAINT

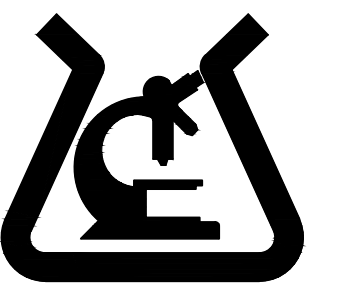
- O. METAL STAIRWELL COMPONENTS
- P. ORANGE I-BEAMS
- Q. WHITE/TAN CERAMIC WALL TILE
- R. GRAY WINDOW LINTEL
- S. ORANGE METAL SUPPORT COLUMNS
- T. BEIGE EXIT DOOR
- U. GREEN TANK HANGARS

OTHER

- V. PCB BALLAST
- W. MERCURY VAPOR LAMPS
- X. MERCURY THERMOSTATS
- Y. MERCURY THERMOMETERS
- Z. SINK TRAPS



CONSULTANTS:



AEROSOL MONITORING
& ANALYSIS, INC.
1331 ASHTON ROAD, P.O. BOX 646
HANOVER, MARYLAND 21076
WEBSITE: WWW.AMACONSULTING.COM
PHONE: 410-684-3327
FAX: 410-684-3384

PROJECT:

Virginia HOSPITAL CENTER
601 S. CARLIN SPRINGS ROAD
ARLINGTON, VA
hAZMAT

PROJ. NO: 19415
DATE: 10/24/2019
SCALE: NOT TO SCALE
REVISION:

hAZMAT
KEY

SHEET NO. ___ OF ___

KEY

○ – AMA AREA DESIGNATION



CONSULTANTS:



AEROSOL MONITORING
& ANALYSIS, INC.
1531 ASHTON ROAD, P.O. BOX 648
HANOVER, MARYLAND 21076
WEBSITE: WWW.AMACONSULTING.COM
PHONE: 410-884-3327
FAX: 410-884-3384

PROJECT:

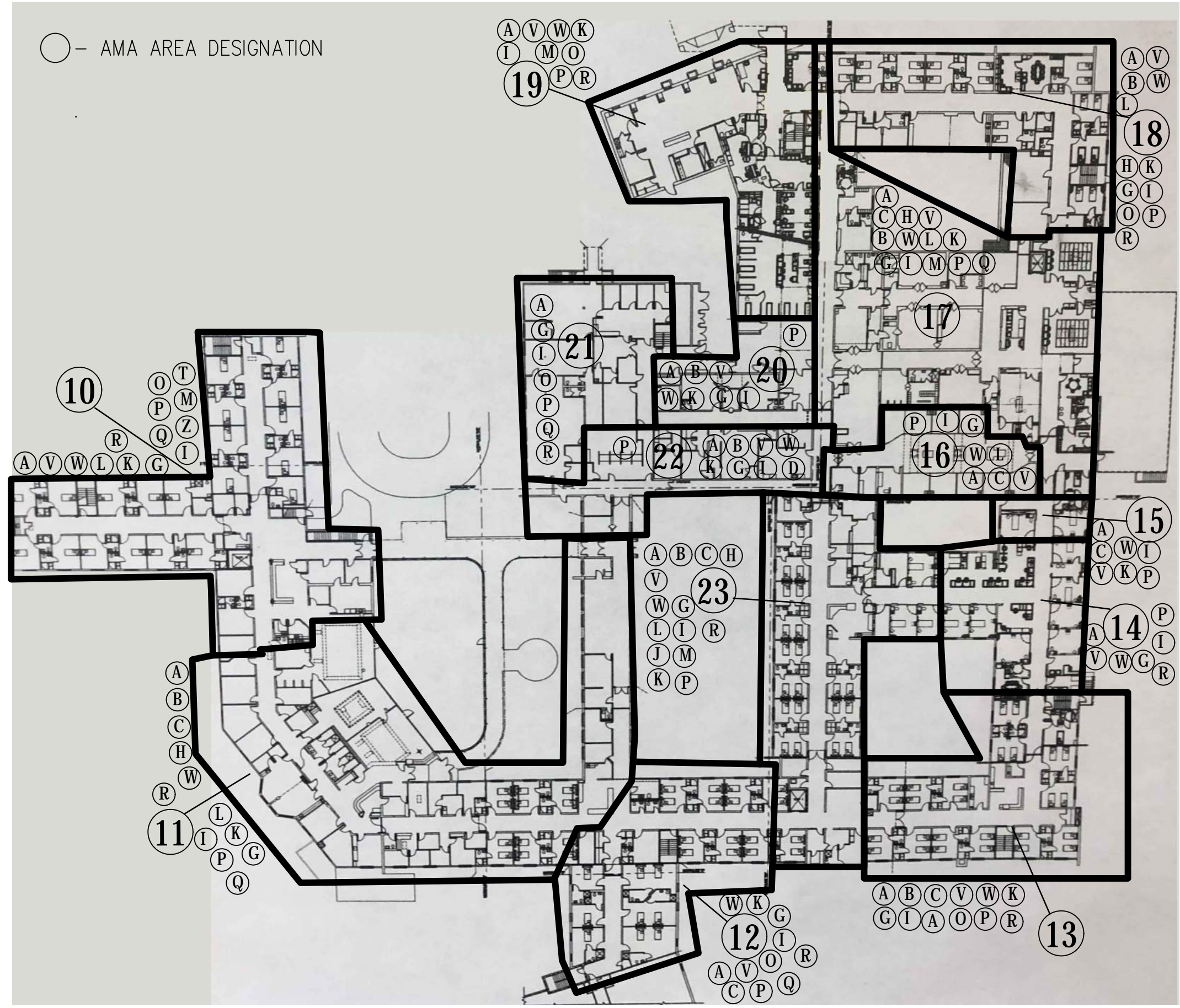
Virginia HOSPITAL CENTER
601 S. CARLIN SPRINGS ROAD
ARLINGTON, VA
hAZMAT

PROJ. NO.:	19415
DATE:	10/24/2019
SCALE:	NOT TO SCALE
REVISION:	

hAZMAT
PLAN

SHEET NO. ___ OF ___
hAZ1

○ - AMA AREA DESIGNATION



CONSULTANTS:



AEROSOL MONITORING & ANALYSIS, INC.
1331 ASHTON ROAD, P.O. BOX 648
HANOVER, MARYLAND 21078
WEBSITE: WWW.AMAONLINE.COM
PHONE: 410-884-3327
FAX: 410-884-3384

PROJECT:

Virginia Hospital Center
601 S. CARLIN SPRINGS ROAD
ARLINGTON, VA
hAZMAT

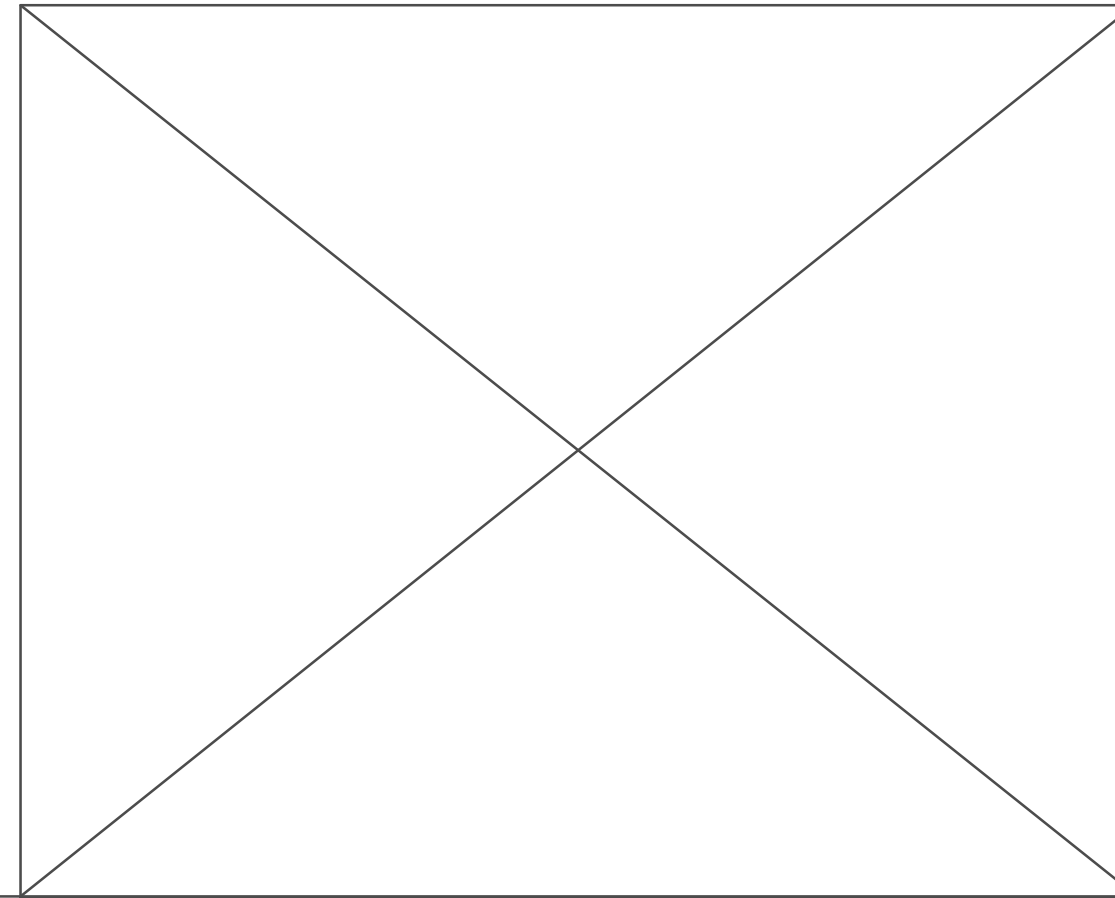
PROJ. NO: 19415
DATE: 10/24/2019
SCALE: NOT TO SCALE
REVISION:

hAZMAT
PLAN

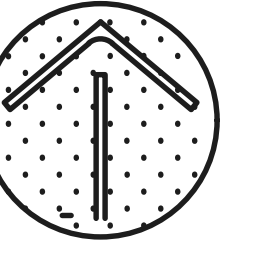
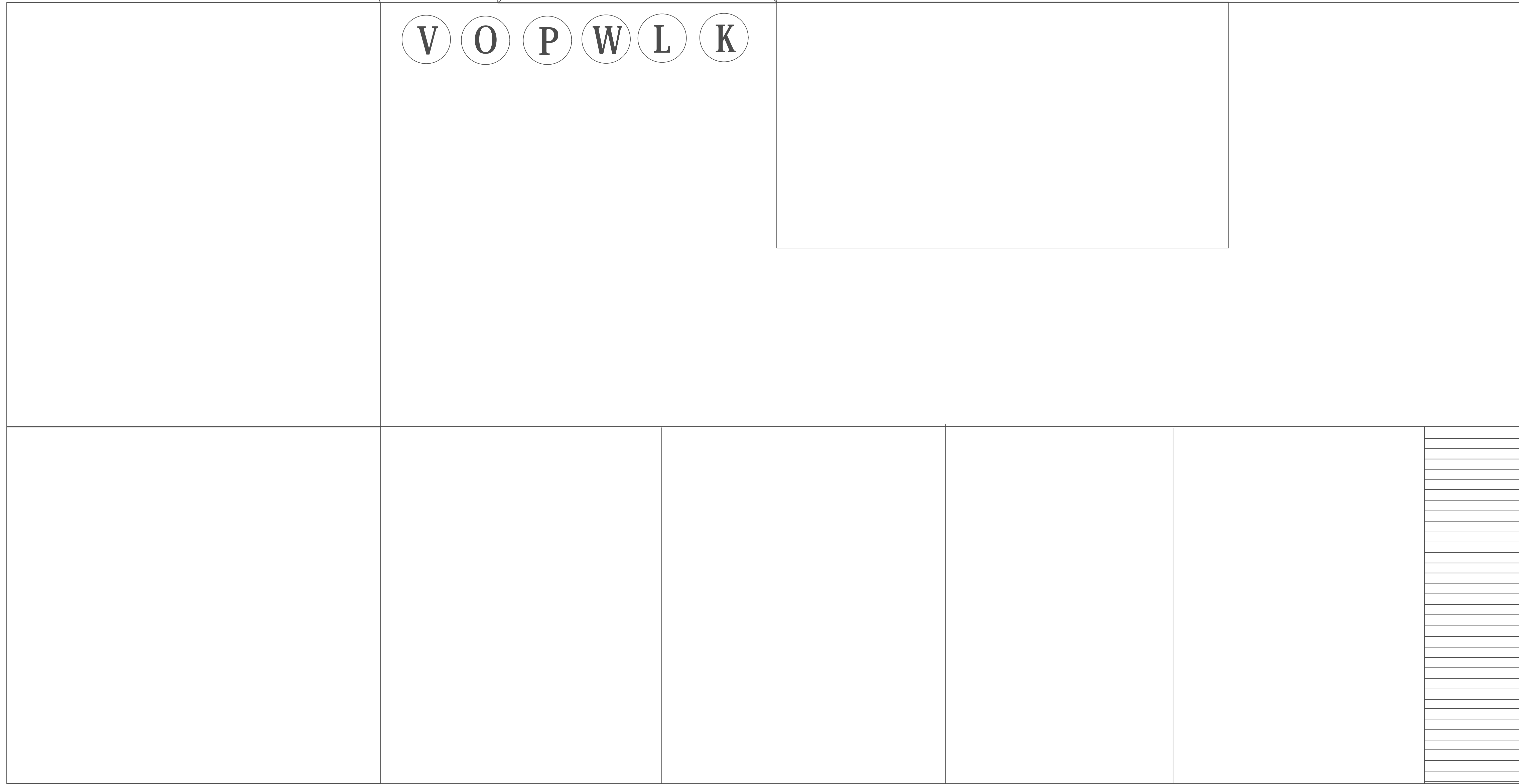
SHEET NO. ___ OF ___
hAZ2

AMA AREA DESIGNATION

09



V O P W L K



CONSULTANTS:



AEROSOL MONITORING
& ANALYSIS, INC.
1331 ASHTON ROAD, P.O. BOX 646
HANOVER, MARYLAND 21076
WEBSITE: WWW.AMACONSULTING.COM
PHONE: 410-684-3327
FAX: 410-684-3384

PROJECT:

Virginia HOSPITAL CENTER
601 S. CARLIN SPRINGS ROAD
ARLINGTON, VA
hAZMAT

PROJ. NO: 19415
DATE: 10/24/2019
SCALE: NOT TO SCALE
REVISION:

hAZMAT
PLAN

SHEET NO. ___ OF ___
hAZ3

APPENDIX E: CERTIFICATIONS/ LICENSES

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

BRYAN SMALLS

has met the attendance requirements and successfully completed
the course entitled

3-DAY EPA ASBESTOS INSPECTOR

07/15/2019 to 07/17/2019

Course Date

07/17/2019

Exam Date

7/17/2020

Expiration Date

DAN TWILLEY

Principal Instructor

AJ07152019-14

Certification No.

E. Rush Barnett

Course Director



1331 Ashton Road

P.O. Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that
ERIC HRUSKA

has met the attendance requirements and successfully completed
the course entitled

3-DAY EPA ASBESTOS INSPECTOR

08/12/2019 to 08/14/2019

Course Date

08/14/2019

Exam Date

8/14/2020

Expiration Date

STEVE STERACKI

Principal Instructor

Steve Steracki

AI08122019-5

Certification No.

E. Rush Barnett

Course Director

E. Rush Barnett

1331 Ashton Road

P.O. Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com



Asbestos License

Bryan Smalls
Name

Signature

Inspector Initial
Course Title

19024781



Course Date: 07/15/2019

Exp Date: 07/17/2020

Exam Date: 09/19/2019

STATE OF MARYLAND

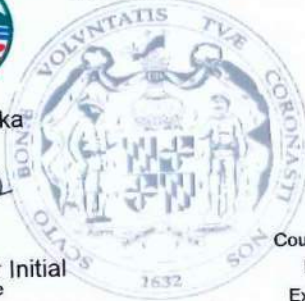
Asbestos License



Eric Hruska
Name

Signature

Inspector Initial
Course Title



Course Date: 08/12/2019
Exp Date: 08/14/2020
Exam Date: 10/01/2019

19025231

STATE OF MARYLAND

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

DAVIDETTA MAH

has met the attendance requirements and successfully completed
the course entitled

4-HOUR EPA ASBESTOS INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

09/27/2019

Course Date

09/27/2019

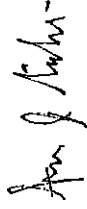
Exam Date

9/27/2020

Expiration Date

STEVE SIERACKI

Principal Instructor



AIR09272019-8

Certification No.

VAAIR09272019-8

Virginia Certification No.

E. Rush Barnett

Course Director



1331 Ashton Road

P.O.Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com



Asbestos License

Robert Bentz
Name

Signature

Inspector Review
Course Title



Course Date: 07/22/2019

Exp Date: 07/22/2020

Exam Date: 08/08/2019

19021171

STATE OF MARYLAND

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

BRYAN SMALLS

160A WILLOWDALE DRIVE
APT 103
FREDERICK, MD 21702

has met the attendance requirements and successfully completed
the course entitled

3-DAY LEAD INSPECTOR

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

07/22/2019 to 07/24/2019 07/24/2019
Course Date Exam Date

7/24/2021 7/24/2022
MD Expiration Date VA Expiration Date

107788 VA107788
Certification No. VA Certification No.

MIKE DRABO

Principal Instructor

Michael W. Drabos

E. Rush Barnett

Course Director

E. Rush Barnett

DC Lead Training Provider Accreditation No. DC18-001-I-I

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 BRYAN SMALLS

DOB 5 / 6 92

CLASS CODE IT

PROVIDER'S NAME AMA

EXPIRATION DATE 7 / 24 / 21

[Signature] 01

TRAINER'S SIGNATURE NUMBER

[Signature]
CARDHOLDER'S SIGNATURE

STATE OF MARYLAND CARD#



NOTE: This is not proof of accreditation

107788

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

RONALD STALLARD

644 TANGLEWOOD DRIVE
ELDERSBURG, MD 21784

has met the attendance requirements and successfully completed
the course entitled

1-DAY LEAD INSPECTOR REFRESHER

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

05/09/2019

05/09/2019

Course Date

Exam Date

RUSH BARNETT

Principal Instructor



5/9/2021

5/9/2022

MD Expiration Date

VA Expiration Date

DC Expiration Date

107431

VA107431

107431

Certification No.

VA Certification No.

DC Certification No.

E. Rush Barnett

Course Director



DC Lead Training Provider Accreditation No. DC18-001-1-R

1331 Ashton Road

P.O. Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatrainig.com

MARYLAND LEAD PAINT TRAINING

NAME RONALD STALLARD

DOB 7 / 10 / 84

CLASS CODE ITR

PROVIDER'S NAME AMA

EXPIRATION DATE 5 / 9 / 21

TRAINER'S SIGNATURE [Signature] NUMBER 01

CARDHOLDER'S SIGNATURE [Signature]
STATE OF MARYLAND

NOTE: This is not proof of accreditation

CARD# **107431**

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that
ROBERT BENTZ

414 HILLVIEW DR
APT 103
LINTHICUM, MD 21090

has met the attendance requirements and successfully completed
the course entitled

1-DAY LEAD INSPECTOR REFRESHER

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

<u>07/08/2019</u> Course Date	<u>07/08/2019</u> Exam Date		<u>E. Rush Barnett</u>
<u>7/8/2021</u> MD Expiration Date	<u>7/8/2022</u> VA Expiration Date	<u>7/8/2021</u> DC Expiration Date	<u>RUSH BARNETT</u> Principal Instructor
<u>107791</u> Certification No.	<u>VA107791</u> VA Certification No.	<u>107791</u> DC Certification No.	<u>E. Rush Barnett</u> Course Director

DC Lead Training Provider Accreditation No. DC18-001-I-R

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 BENTZ

DOB 4 / 6 / 93

CLASS CODE ITR

PROVIDER'S NAME AMA

EXPIRATION DATE 7 / 8 / 21

[Handwritten Signature] 01

TRAINER'S SIGNATURE NUMBER

[Handwritten Signature]

CARDHOLDER'S SIGNATURE

STATE OF MARYLAND



NOTE: This is not proof of accreditation

CARD# **107791**

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

BRYAN SMALLS

160A WILLOWDALE DRIVE

APT 103

FREDERICK, MD 21702

has met the attendance requirements and successfully completed
the course entitled

2-DAY LEAD RISK ASSESSOR

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

07/25/2019 to 07/26/2019

07/26/2019

Course Date

Exam Date

MIKE DRABO

Principal Instructor

Michael W. Deeks

7/26/2021

7/26/2022

7/26/2021

Principal Instructor

MD Expiration Date

VA Expiration Date

DC Expiration Date

E. Rush Barnett

107837

VA107837

107837

E. Rush Barnett

Certification No.

VA Certification No.

DC Certification No.

Course Director

DC Lead Training Provider Accreditation No. DC18-001-RA-I

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 BRYAN SMALLS

DOB 5 / 6 92

CLASS CODE RA

PROVIDER'S NAME AMA

EXPIRATION DATE 7 / 26 / 21

TRAINER'S SIGNATURE _____ NUMBER 01

CARDHOLDER'S SIGNATURE _____ STATE OF MARYLAND CARD#



NOTE: This is not proof of accreditation

107837

**THIS IS TO CERTIFY THAT
Ronald Allen Stallard**

**HAS MET THE LEAD PAINT SERVICES
ACCREDITATION REQUIREMENTS FOR**

Inspector Technician

EXPIRATION DATE 06 15 2020

**Aerosol Monitoring & Analysis,
Inc.**

TRAINING PROVIDER

COURSE DATE 05 03 2017


**ADMINISTRATOR, LEAD PAINT ACCREDITATION
MARYLAND DEPARTMENT OF THE ENVIRONMENT**

7/27/18
DATE

STATE OF MARYLAND

Certificate # 4357

Application for reaccreditation shall be submitted to MDE 60 days prior to accreditation expiration indicated on this certificate.

THIS IS TO CERTIFY THAT
Robert John Bentz, III

HAS MET THE LEAD PAINT SERVICES
ACCREDITATION REQUIREMENTS FOR

Inspector Technician

EXPIRATION DATE 12 07 2019

**Aerosol Monitoring & Analysis,
Inc.**

TRAINING PROVIDER

COURSE DATE 09 25 2017

Hilary Miller

**ADMINISTRATOR, LEAD PAINT ACCREDITATION
MARYLAND DEPARTMENT OF THE ENVIRONMENT**

12/8/19
DATE

STATE OF MARYLAND

Certificate # 16742

Application for reaccreditation shall be submitted to MDE 60 days prior to accreditation expiration indicated on this certificate.

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

06-30-2020

NUMBER

3303004402

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



ROBERT JOHN BENTZ III
414 HILLVIEW DR
APT. 103
LINTHICUM, MD 21090



Mely Broc-Vaughan
Mely Broc-Vaughan, Acting Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

(DETACH HERE)



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

NUMBER: 3303004402 EXPIRES: 06-30-2020

ROBERT JOHN BENTZ III
414 HILLVIEW DR
APT. 103
LINTHICUM, MD 21090



(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
09-30-2020

NUMBER
3355000491

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



RONALD ALLEN STALLARD
644 TANGLEWOOD DRIVE
ELDERSBURG, MD 21784-0000



Mary Brock Vaughn
Mary Brock Vaughn, Acting 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
LEAD INSPECTOR LICENSE
NUMBER: 3355000491 EXPIRES: 09-30-2020

RONALD ALLEN STALLARD
644 TANGLEWOOD DRIVE
ELDERSBURG, MD 21784-0000



(FOLD)

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

DPOR-PC (02/2017)