

**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/cm ²)
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% Chrysotile	155	SF
	ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	120	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	230	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	130	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	134	Ballasts
	MVYL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	264	Lights
	Assumed ACM	Labled wood fire door	Throughout	Assumed ACM	8	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	10	LF
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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% Chrysotile	105	SF
	ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	110	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	280	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	100	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	83	Ballasts
	MVYL	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% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	50	SF
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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% Chrysotile	65	SF
	ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	360	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	610	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	65	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	134	Ballasts
	MVTL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	276	Lights
	Assumed ACM	Labelled wood fire door	Throughout	Assumed ACM	6	Doors
	Assumed ACM	Labelled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	80	SF
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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% Chrysotile	40	SF
	ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	205	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	300	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	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
Virginia Hospital Center
Arlington, VA
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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	MVYL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	253	Lights
	Assumed ACM	Labbed wood fire door	Throughout	Assumed ACM	5	Doors
	Assumed ACM	Labbed metal fire door	Throughout	Assumed ACM	18	Doors
	ACM/Assumed Present	Mudded fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	88	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	45	LF
	ACM	Brown duct pin mastic	Under Duct Insulation	5% Chrysotile	100	SF
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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
	MVYL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	86	Lights
	Assumed ACM	Labbed wood fire door	Throughout	Assumed ACM	0	Doors
	Assumed ACM	Labbed metal fire door	Throughout	Assumed ACM	3	Doors
	ACM/Assumed Present	Mudded fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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% Chrysotile	80	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	1245	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	130	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	209	Ballasts
	MVYL	Fluorescent Light Tubes	Throughout ceilings in fluorescent light fixtures	N/A	315	Lights
	Assumed ACM	Labbed wood fire door	Throughout	Assumed ACM	2	Doors
	Assumed ACM	Labbed metal fire door	Throughout	Assumed ACM	14	Doors
	ACM/Assumed Present	Mudded fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	60	LF
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysotile	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	Analytical Result	Approximate Quantity	thermostat Unit
AMA-07	ACMI	Black floor tile mastic	Throughout floor/Under Non-ACM floor tile and carpet mastic	3-5% Chrysothile	3930	SF
	ACMI	Black mastic on duct (foil)	Above Drop Ceilings	5% Chrysothile	25	SF
	ACMI/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysothile	70	SF
	ACMI	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysothile	410	LF
	ACMI/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysothile	90	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in Fluorescent light fixtures	N/A	110	Ballasts
	MYL	Fluorescent Light Tubes	Throughout ceilings in Fluorescent light fixtures	N/A	190	Lights
	Assumed ACM	Labeled metal fire door	Throughout	Assumed ACM	10	Doors
	ACMI/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysothile	32	Fittings
	ACMI/Assumed Present	Pipe and Pipe Fitting Insulation	Assumed In wet walls	5% Chrysothile	60	LF
	ACMI/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysothile	1824	LF
AMA-08						
	ACMI	Black floor tile mastic	Throughout floor/Under Non-ACM floor tile and carpet mastic	3-5% Chrysothile	4078	SF
	ACMI	Black mastic on duct (foil)	Above Drop Ceilings	5% Chrysothile	45	SF
	ACMI/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysothile	225	SF
	ACMI	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysothile	360	LF
	ACMI/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysothile	362	LF
	PCB	Fluorescent light ballasts	Throughout ceilings in Fluorescent light fixtures	N/A	360	Ballasts
	MYL	Fluorescent Light Tubes	Throughout ceilings in Fluorescent light fixtures	N/A	720	Lights
	Assumed ACM	Labeled wood fire door	Throughout	Assumed ACM	5	Doors
	Assumed ACM	Labeled metal fire door	Throughout	Assumed ACM	17	Doors
	ACMI/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysothile	64	Fittings
	ACMI/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysothile	60	LF
	ACMI/Assumed Present	Pipe and Pipe fitting insulation	Assumed throughout crawl space	5% Chrysothile	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 Penhouse	PCB	Fluorescent light ballasts	Throughout ceilings in fluorescent light fixtures	N/A	16	Ballasts	
		MYL	Throughout ceilings in fluorescent light fixtures	N/A	32	Lights	
		Assumed ACM	Throughout	Assumed ACM	6	Doors	
		Assumed ACM	Throughout	Assumed ACM	2	Doors	
AMA-10	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysothile	5060	SF	
		PCB	Throughout ceilings in fluorescent light fixtures	N/A	117	Ballasts	
		MYL	Throughout ceilings in fluorescent light fixtures	N/A	231	Lights	
		Assumed ACM	Throughout	Assumed ACM	4	Doors	
	ACM/Assumed Present	Labled metal fire door	Throughout	Assumed ACM	35	Doors	
		ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysothile	40	Fittings
		ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysothile	405	LF
		Potential Mercury	Sink/Drain trap	Throughout labs	Not Sampled	0	sinks
AMA-11	Assumed ACM	Elevator Door Insulation	Throughout Elevator Door	Assumed Present	1 @ 5'x7'	Door	
		ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysothile	5050	SF
		ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chrysothile	115	SF
		ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysothile	30	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysothile	320	LF	
		MYL	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% Chrysothile	40	Fittings	
		ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysothile	1243	LF
AMA-12							
	ACM	Black floor tile mastic	Throughout floor/Under Non- ACM floor tile and carpet mastic	3-5% Chrysothile	1188	SF	
	ACM	Black mastic on duct (foil)	Above Drop Ceilings	5% Chrysothile	162	SF	

Table III
Total Hazardous Material Inventory Table
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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	Labelled metal fire door	Throughout	Assumed ACM	4	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	250	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	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	Labelled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	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	Labelled metal fire door	Throughout	Assumed ACM	5	Doors
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	15	LF
AMA-16						

Table III
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% Chrysotile	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	Labbed wood fire door	Throughout	Assumed ACM	2	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	2280	SF
	ACM/Assumed Present	Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	205	SF
	ACM	Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	1560	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	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	Labbed wood fire door	Throughout	Assumed ACM	1	Doors
	Assumed ACM	Labbed metal fire door	Throughout	Assumed ACM	7	Doors
	ACM/Assumed Present	Mudded Fitting insulation	Assumed/Above Fixed Ceilings	5% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	40	LF
	ACM/Assumed Present	Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	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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Room/Area Designation	Hazmat Description	Material Description	Location	Analytical Result	Approximate Quantity	Unit
	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% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	300	LF
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% Chrysotile	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% Chrysotile	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% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	40	Fittings
	ACM/Assumed Present	Pipe and Pipe fitting insulation	Assumed In wet walls	5% Chrysotile	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% Chrysotile	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 IV HAZARDOUS MATERIALS QUANTITIES SUMMARY

Table IV
Total Hazardous Materials Summary
Arlington County
Virginia Hospital Center
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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% Chrysotile	4496	SF	ACM
Black mastic on duct (foil)	Assumed present above Fixed Ceilings	5% Chrysotile	1405	SF	ACM/Assumed Present
Black mastic on fiberglass pipe insulation	Above Drop Ceilings	5% Chrysotile	6189	LF	ACM
Black mastic on fiberglass pipe insulation	Assumed Present above Fixed Ceilings	5% Chrysotile	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	MV/L
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% Chrysotile	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% Chrysotile	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 V - 1