

ATTACHMENT E



Solutions for all your Environmental and OSHA Concerns

December 22, 2021

Asbestos & Lead Inspection Report

Project Location:

5305 Hollins Road
Roanoke, Virginia

Prepared For:

Roanoke County General Services
Roanoke, VA

Prepared By:


Fred Danner
Interim Lead Inspector



Jared Crowder
Asbestos Inspector

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Scope of Work

HDH Technical, Inc. was contracted by Roanoke County to provide an asbestos inspection and lead-based paint screening of the structure located at 5305 Hollins Road, Roanoke, Virginia. The inspection was conducted by personnel trained and licensed in accordance with the regulations of the Environmental Protection Agency (EPA) and the Commonwealth of Virginia. This inspection was performed using current EPA AHERA standards. This protocol was used for the determination, sampling and analysis of suspected Asbestos Containing Materials (ACM). Only those parts of the structure scheduled to undergo renovation, as directed by the client, were included in this inspection.

Also included in this report is a Lead-Based Paint Screening at this location. The term “screening” is used as opposed to “inspection” due to the fact that a complete HUD type paint inspection of each surface in every space was not performed. Generally speaking, each differing type of interior and exterior component and each differing type of paint was tested, although each component was not tested in each room. This “screening” will be referred to as an “inspection” throughout this report and was conducted in accordance with accepted industry standards and applicable regulations established by OSHA and the EPA. This inspection only identifies lead-based paint that is accessible through non-destructive methods. It does not identify lead-based paint materials located within walls, concrete decks, subfloors, or other generally inaccessible areas.

ASBESTOS INSPECTION

An inspection of 5305 Hollins Road was performed on December 16, 2021 by representatives of HDHT. The objective of this inspection was to determine the location of asbestos-containing building materials (ACBM) currently located on the interior of this structure that may be disturbed in conjunction with upcoming renovation activities at this structure.

The inspection was conducted by personnel trained and licensed in accordance with the regulations of the Environmental Protection Agency (EPA) and the Commonwealth of Virginia. This inspection meets the protocol outlined in current EPA AHERA regulations. This protocol was used for the determination, sampling and analysis of suspect asbestos containing materials.

As the sample summary indicates, the following suspect materials sampled were reported to be asbestos containing by the laboratory:

- **All Floor Tile and Associated Mastic in Office Area – *Excluding* Gray Floor Tile at Customer Entrance and Black Floor Tile in Storage Room**
- **Window and Door Framing Caulk – *Excluding* South Entrance**

These NON-Friable asbestos containing materials should be removed prior to renovation activities at this location, if they are to be disturbed. Removal should be performed by licensed, contract personnel using approved methods.

Friable Asbestos Material: Material when dry, may be crumbled, pulverized or reduced to powder by hand pressure and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry may be crumbled, pulverized, or reduced to powder by hand pressure.

Non-friable Asbestos Material: Material that contains asbestos in which the fibers have been locked in by a bonding agent, coating, binder, or other material so that the asbestos is well bound and will not release fibers during any appropriate use, handling, demolition, storage, transportation, processing or disposal.

ASBESTOS LESS THAN 1%

For informational purposes, the following suspect material was reported to contain asbestos at < 1%. Although not considered an Asbestos Containing Material (> 1%), this information should be provided to all contract personnel prior to restoration/demolition activities for their use in meeting current OSHA requirements pertaining to personnel disturbing this material:

- **Door Framing Caulk – South Entrance**

This information should be provided to all contract personnel for their use in meeting current OSHA requirements. Every attempt was made to gain access to all areas or to assess representative materials entering or leaving the area. HDH Technical, Inc. accepts no liability nor makes any claims regarding ACBM which was not accessible during the inspection process if such material was located behind or within walls, concrete decks, subfloors, or was generally inaccessible without destructive sampling. If any additional suspect materials are identified during the course of the project, the contractor is to immediately stop work and contact the Owner for further direction.

Asbestos Sample Summary

5305 Hollins Road

LAB #	SAMPLE ID	SAMPLE DESCRIPTION	RESULT	%
21077363 -001	FT 1.1	Floor Tile - 12x12 - Brown - Entry/Closet	■	2%
21077363 -002	FT 1.2	Floor Tile - 12x12 - Brown - Entry/Closet	■	2%
21077363 -003	TM 2.1	Tile Mastic - FT 1	■	2%
21077363 -004	TM 2.2	Tile Mastic - FT 1	■	2%
21077363 -005	SR 3.1	Sheetrock	ND	-
21077363 -006	SR 3.2	Sheetrock	ND	-
21077363 -007	SR 3.3	Sheetrock	ND	-
21077363 -008	SR 3.4	Sheetrock	ND	-
21077363 -009	SR 3.5	Sheetrock	ND	-
21077363 -010	JC 4.1	Joint Compound	ND	-
21077363 -011	JC 4.2	Joint Compound	ND	-
21077363 -012	JC 4.3	Joint Compound	ND	-
21077363 -013	JC 4.4	Joint Compound	ND	-
21077363 -014	JC 4.5	Joint Compound	ND	-
21077363 -015	FT 5.1	Floor Tile - 12x12 - White/Gray - Break Room	■	3%
21077363 -016	FT 5.2	Floor Tile - 12x12 - White/Gray - Break Room	■	3%
21077363 -017	TM 6.1	Tile Mastic - FT 5	■	3%
21077363 -018	TM 6.2	Tile Mastic - FT 5	■	3%
21077363 -019	FT 7.1	Floor Tile - 12x12 - White/Tan - Office	■	2%
21077363 -020	FT 7.2	Floor Tile - 12x12 - White/Tan - Office	■	2%
21077363 -021	TM 8.1	Tile Mastic - FT 7	■	3%
21077363 -022	TM 8.2	Tile Mastic - FT 7	■	3%
21077363 -023	FT 9.1	Floor Tile - 12x12 - White/Black Pitted	■	4%
21077363 -024	FT 9.2	Floor Tile - 12x12 - White/Black Pitted	■	4%
21077363 -025	TM 10.1	Tile Mastic - FT 9	■	5%
21077363 -026	TM 10.2	Tile Mastic - FT 9	■	5%
21077363 -027	FT 11.1	Floor Tile - 12x12 - Tan - Closet	■	2%
21077363 -028	FT 11.2	Floor Tile - 12x12 - Tan - Closet	■	2%
21077363 -029	TM 12.1	Tile Mastic - FT 11	■	3%
21077363 -030	TM 12.2	Tile Mastic - FT 11	■	3%
21077363 -031	FT 13.1	Floor Tile - 12x12 - White/Gray - Customer Entrance	ND	-
21077363 -032	FT 13.2	Floor Tile - 12x12 - White/Gray - Customer Entrance	ND	-

ND = NONE DETECTED

NA = NOT ANALYZED
POSITIVE STOP

■ = CHRYSOTILE

▲ = AMOSITE

● = OTHER

5305 Hollins Road

LAB #	SAMPLE ID	SAMPLE DESCRIPTION	RESULT	%
21077363 -033	BM 14.1	Baseboard Masic - Gray/Brown	ND	-
21077363 -034	BM 14.2	Baseboard Masic - Gray/Brown	ND	-
21077363 -035	BM 15.1	Baseboard Masic - Dark Brown	ND	-
21077363 -036	BM 15.2	Baseboard Masic - Dark Brown	ND	-
21077363 -037	CT 16.1	Ceiling Tile - 2x4 Fiberglass - Facer	ND	-
21077363 -038	CT 16.2	Ceiling Tile - 2x4 Fiberglass - Facer	ND	-
21077363 -039	CT 16.3	Ceiling Tile - 2x4 Fiberglass - Facer	ND	-
21077363 -040	CT 17.1	Ceiling Tile - 2x4 ACT	ND	-
21077363 -041	CT 17.2	Ceiling Tile - 2x4 ACT	ND	-
21077363 -042	CT 17.3	Ceiling Tile - 2x4 ACT	ND	-
21077363 -043	TW 18.1	Textured Wall - Purple Room	ND	-
21077363 -044	TW 18.2	Textured Wall - Purple Room	ND	-
21077363 -045	FT 19.1	Floor Tile - 12x12 - Gray/Green - Closet	■	2%
21077363 -046	FT 19.2	Floor Tile - 12x12 - Gray/Green - Closet	■	2%
21077363 -047	TM 20.1	Tile Mastic - FT 19	■	3%
21077363 -048	TM 20.2	Tile Mastic - FT 19	■	3%
21077363 -049	FT 21.1	Floor Tile - 12x12 - Black - Restroom	ND	-
21077363 -050	FT 21.2	Floor Tile - 12x12 - Black - Restroom	ND	-
21077363 -051	TM 22.1	Tile Mastic - FT 21	ND	-
21077363 -052	TM 22.2	Tile Mastic - FT 21	ND	-
21077363 -053	FT 23.1	Floor Tile - 12x12 - Under FT 21	■	5%
21077363 -054	FT 23.2	Floor Tile - 12x12 - Under FT 21	■	5%
21077363 -055	TM 24.1	Tile Mastic - FT 23	■	5%
21077363 -056	TM 24.2	Tile Mastic - FT 23	■	5%
21077363 -057	FT 25.1	Floor Tile - 12x12 - Black/White	ND	-
21077363 -058	FT 25.2	Floor Tile - 12x12 - Black/White	ND	-
21077363 -059	WF 26.1	Window/Door Framing - Front	■	10%
21077363 -060	WF 26.2	Window/Door Framing - Front	■	10%
21077363 -061	DF 27.1	Door Framing - South Entrance	■	<1%
21077363 -062	DF 27.2	Door Framing - South Entrance	■	<1%
21077363 -063	ES 28.1	Exterior Surfacing	ND	-
21077363 -064	ES 28.2	Exterior Surfacing	ND	-

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5305 Hollins Road

[illegible]

ND = NONE DETECTED

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POSITIVE STOP

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 AMOSITE

☐ **OTHER**

Laboratory Report



10501 Trade Ct., Suite 100
N. Chesterfield, VA 23139
804-897-1177 / 888-895-1175
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

21071363

Company: HDH Technical, Inc		Project #: Roanoke County	Collected by: Crowder
Address: 1305 Radford Street		Project Name: 5305 Hollins Rd Roanoke	Phone #: 540-381-7999
City, St, Zip: Christiansburg, VA 24073		Date Collected: 12/16/2021	Email: richard@hdhassociates.com
State of Collection: VA Account #: 1769		P.O. Number:	Email: jcrowder@hdhassociates.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				

Water		New York ELAP		Dust	
ABHE	EPA 100.2 <input type="checkbox"/>	PLM NY	PLM EPA 600/M4-82-020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		

Turn Around Times		3 HR (4 HR TEM) <input type="checkbox"/>		6 HR (8HR TEM) <input type="checkbox"/>		12 HR <input type="checkbox"/>		24 HR <input checked="" type="checkbox"/>	
		2 Days <input type="checkbox"/>		3 Days <input type="checkbox"/>		4 Days <input type="checkbox"/>		5 Days <input type="checkbox"/>	

Matrix		Other	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Special Instructions:	
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SAMPLE ID	SAMPLE DESCRIPTION
FT 1.1	Floor Tile - 12x12 - Brown - Entry/Closet
FT 1.2	Floor Tile - 12x12 - Brown - Entry/Closet
TM 2.1	Tile Mastic - FT 1
TM 2.2	Tile Mastic - FT 1
SR 3.1	Sheetrock
SR 3.2	Sheetrock
SR 3.3	Sheetrock
SR 3.4	Sheetrock
SR 3.5	Sheetrock
JC 4.1	Joint Compound
JC 4.2	Joint Compound

Special instructions	
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Relinquished by	Date	Time	Received by	Date	Time
Crowder	12/16/2021	3:00 PM	LIPS	12/16/2021	3:00 PM
			<i>SAB</i>	12/17/21	100 San

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a \$10 shipping fee.

21077363

SAMPLE ID	SAMPLE DESCRIPTION
JC 4.3	Joint Compound
JC 4.4	Joint Compound
JC 4.5	Joint Compound
FT 5.1	Floor Tile - 12x12 - White/Gray - Break Room
FT 5.2	Floor Tile - 12x12 - White/Gray - Break Room
TM 6.1	Tile Mastic - FT 5
TM 6.2	Tile Mastic - FT 5
FT 7.1	Floor Tile - 12x12 - White/Tan - Office
FT 7.2	Floor Tile - 12x12 - White/Tan - Office
TM 8.1	Tile Mastic - FT 7
TM 8.2	Tile Mastic - FT 7
FT 9.1	Floor Tile - 12x12 - White/Black Pitted
FT 9.2	Floor Tile - 12x12 - White/Black Pitted
TM 10.1	Tile Mastic - FT 9
TM 10.2	Tile Mastic - FT 9
FT 11.1	Floor Tile - 12x12 - Tan - Closet
FT 11.2	Floor Tile - 12x12 - Tan - Closet
TM 12.1	Tile Mastic - FT 11
TM 12.2	Tile Mastic - FT 11
FT 13.1	Floor Tile - 12x12 - White/Gray - Customer Entrance
FT 13.2	Floor Tile - 12x12 - White/Gray - Customer Entrance
BM 14.1	Baseboard Mastic - Gray/Brown
BM 14.2	Baseboard Mastic - Gray/Brown
BM 15.1	Baseboard Mastic - Dark Brown
BM 15.2	Baseboard Mastic - Dark Brown
CT 16.1	Ceiling Tile - 2x4 Fiberglass - Facer
CT 16.2	Ceiling Tile - 2x4 Fiberglass - Facer

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Relinquished by	Date	Time	Received by	Date	Time
Crowder	12/16/2021	3:00 PM	UPS SAH	12/17/21	10:00 AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a \$10 shipping fee.

21077363

SAMPLE ID	SAMPLE DESCRIPTION
CT 16.3	Ceiling Tile - 2x4 Fiberglass - Facer
CT 17.1	Ceiling Tile - 2x4 ACT
CT 17.2	Ceiling Tile - 2x4 ACT
CT 17.3	Ceiling Tile - 2x4 ACT
TW 18.1	Textured Wall - Purple Room
TW 18.2	Textured Wall - Purple Room
FT 19.1	Floor Tile - 12x12 - Gray/Green - Closet
FT 19.2	Floor Tile - 12x12 - Gray/Green - Closet
TM 20.1	Tile Mastic - FT 19
TM 20.2	Tile Mastic - FT 19
FT 21.1	Floor Tile - 12x12 - Black - Restroom
FT 21.2	Floor Tile - 12x12 - Black - Restroom
TM 22.1	Tile Mastic - FT 21
TM 22.2	Tile Mastic - FT 21
FT 23.1	Floor Tile - 12x12 - Under FT 21
FT 23.2	Floor Tile - 12x12 - Under FT 21
TM 24.1	Tile Mastic - FT 23
TM 24.2	Tile Mastic - FT 23
FT 25.1	Floor Tile - 12x12 - Black/White
FT 25.2	Floor Tile - 12x12 - Black/White
WF 26.1	Window/Door Framing - Front
WF 26.2	Window/Door Framing - Front
DF 27.1	Door Framing - South Entrance
DF 27.2	Door Framing - South Entrance
ES 28.1	Exterior Surfacing
ES 28.2	Exterior Surfacing
ES 28.3	Exterior Surfacing

Special Instructions	
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Relinquished by	Date	Time	Received by	Date	Time
Crowder	12/16/2021	3:00 PM	UPS SALY	12/16/2021	3:00 PM
				12/17/21	1005am

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a \$10 shipping fee.

Relinquished by	Date	Time	Received by	Date	Time
Crowder	12/16/2021	3:00 PM	UPS	12/16/2021	3:00 PM
			SAN	12/17/21	10:50am

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SanAir ID Number

21077363

FINAL REPORT

12/20/2021 4:59:06 PM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
 Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Roanoke County
P.O. Number:
Project Name: 5305 Hollins Rd Roanoke
Collected Date: 12/16/2021
Received Date: 12/17/2021 10:05:00 AM

Analyst: Hogrefe, Sarah | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
FT 1.1 / 21077363-001 Floor Tile - 12x12 - Entry / Closet	Brown Non-Fibrous Homogeneous		98% Other	2% Chrysotile
FT 1.2 / 21077363-002 Floor Tile - 12x12 - Entry / Closet	Brown Non-Fibrous Homogeneous		98% Other	2% Chrysotile
TM 2.1 / 21077363-003 Tile Mastic - FT 1	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile
TM 2.2 / 21077363-004 Tile Mastic - FT 1	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile
SR 3.1 / 21077363-005 Sheetrock	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
SR 3.2 / 21077363-006 Sheetrock	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
SR 3.3 / 21077363-007 Sheetrock	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
SR 3.4 / 21077363-008 Sheetrock	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
SR 3.5 / 21077363-009 Sheetrock	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
JC 4.1 / 21077363-010 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 12/20/2021

Date: 12/20/2021



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
JC 4.2 / 21077363-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
JC 4.3 / 21077363-012 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
JC 4.4 / 21077363-013 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
JC 4.5 / 21077363-014 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
FT 5.1 / 21077363-015 Floor Tile 12x12 - Break Room	Gray Non-Fibrous Homogeneous		97% Other	3% Chrysotile
FT 5.2 / 21077363-016 Floor Tile 12x12 - Break Room	Gray Non-Fibrous Homogeneous		97% Other	3% Chrysotile
TM 6.1 / 21077363-017 Tile Mastic - FT 5	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
TM 6.2 / 21077363-018 Tile Mastic - FT 5	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
FT 7.1 / 21077363-019 Floor Tile - 12x12 - Office	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile
FT 7.2 / 21077363-020 Floor Tile - 12x12 - Office	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
TM 8.1 / 21077363-021 Tile Mastic - FT 7	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
TM 8.2 / 21077363-022 Tile Mastic - FT 7	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
FT 9.1 / 21077363-023 Floor Tile - 12x12	White Non-Fibrous Homogeneous		96% Other	4% Chrysotile
FT 9.2 / 21077363-024 Floor Tile - 12x12	White Non-Fibrous Homogeneous		96% Other	4% Chrysotile
TM 10.1 / 21077363-025 Tile Mastic - FT 9	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
TM 10.2 / 21077363-026 Tile Mastic - FT 9	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
FT 11.1 / 21077363-027 Floor Tile - 12x12 - Closet	Tan Non-Fibrous Homogeneous		98% Other	2% Chrysotile
FT 11.2 / 21077363-028 Floor Tile - 12x12 - Closet	Tan Non-Fibrous Homogeneous		98% Other	2% Chrysotile
TM 12.1 / 21077363-029 Tile Mastic - FT 11	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
TM 12.2 / 21077363-030 Tile Mastic - FT 11	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Analyst:

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FT 13.2 / 21077363-032 Floor Tile - 12x12 - Customer Entrance	Gray Non-Fibrous Homogeneous		100% Other	None Detected
BM 14.1 / 21077363-033 Baseboard Mastic	Gray Non-Fibrous Homogeneous		100% Other	None Detected
BM 14.2 / 21077363-034 Baseboard Mastic	Gray Non-Fibrous Homogeneous		100% Other	None Detected
BM 15.1 / 21077363-035 Baseboard Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
BM 15.2 / 21077363-036 Baseboard Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
CT 16.1 / 21077363-037 Ceiling Tile - 2x4 Fiberglass - Facer	White Fibrous Homogeneous	95% Glass	5% Other	None Detected
CT 16.2 / 21077363-038 Ceiling Tile - 2x4 Fiberglass - Facer	White Fibrous Homogeneous	95% Glass	5% Other	None Detected
CT 16.3 / 21077363-039 Ceiling Tile - 2x4 Fiberglass - Facer	White Fibrous Homogeneous	95% Glass	5% Other	None Detected
CT 17.1 / 21077363-040 Ceiling Tile - 2x4 ACT	White Fibrous Homogeneous	50% Cellulose 20% Glass	30% Other	None Detected

Analyst:

Approved Signatory:

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SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
CT 17.2 / 21077363-041 Ceiling Tile - 2x4 ACT	White Fibrous Homogeneous	50% Cellulose 20% Glass	30% Other	None Detected
CT 17.3 / 21077363-042 Ceiling Tile - 2x4 ACT	White Fibrous Homogeneous	50% Cellulose 20% Glass	30% Other	None Detected
TW 18.1 / 21077363-043 Textured Wall - Room	White Non-Fibrous Homogeneous		100% Other	None Detected
TW 18.2 / 21077363-044 Textured Wall - Room	White Non-Fibrous Homogeneous		100% Other	None Detected
FT 19.1 / 21077363-045 Floor Tile - 12x12 - Closet	Green Non-Fibrous Homogeneous		98% Other	2% Chrysotile
FT 19.2 / 21077363-046 Floor Tile - 12x12 - Closet	Green Non-Fibrous Homogeneous		98% Other	2% Chrysotile
TM 20.1 / 21077363-047 Tile Mastic - FT 19	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
TM 20.2 / 21077363-048 Tile Mastic - FT 19	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
FT 21.1 / 21077363-049 Floor Tile - 12x12 - Restroom	Black Non-Fibrous Homogeneous		100% Other	None Detected
FT 21.2 / 21077363-050 Floor Tile - 12x12 - Restroom	Black Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 12/20/2021

Date: 12/20/2021



SanAir ID Number

21077363

FINAL REPORT

12/20/2021 4:59:06 PM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
 Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Roanoke County
P.O. Number:
Project Name: 5305 Hollins Rd Roanoke
Collected Date: 12/16/2021
Received Date: 12/17/2021 10:05:00 AM

Analyst: Hogrefe, Sarah | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
TM 22.1 / 21077363-051 Tile Mastic - FT 21	Tan Non-Fibrous Homogeneous		100% Other	None Detected
TM 22.2 / 21077363-052 Tile Mastic - FT 21	Tan Non-Fibrous Homogeneous		100% Other	None Detected
FT 23.1 / 21077363-053 Floor Tile - 12x12 - Under FT 21	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile
FT 23.2 / 21077363-054 Floor Tile - 12x12 - Under FT 21	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile
TM 24.1 / 21077363-055 Tile Mastic - FT 23	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
TM 24.2 / 21077363-056 Tile Mastic - FT 23	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
FT 25.1 / 21077363-057 Floor Tile - 12x12	Black Non-Fibrous Homogeneous		100% Other	None Detected
FT 25.2 / 21077363-058 Floor Tile - 12x12	Black Non-Fibrous Homogeneous		100% Other	None Detected
WF 26.1 / 21077363-059 Window / Door Framing - Front	Brown Non-Fibrous Homogeneous		90% Other	10% Chrysotile
WF 26.2 / 21077363-060 Window / Door Framing - Front	Brown Non-Fibrous Homogeneous		90% Other	10% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 12/20/2021

Date: 12/20/2021



SanAir ID Number

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Analyst: Hogrefe, Sarah | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
DF 27.1 / 21077363-061 Door Framing - South Entrance	Tan Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
DF 27.2 / 21077363-062 Door Framing - South Entrance	Tan Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
ES 28.1 / 21077363-063 Exterior Surfacing	White Non-Fibrous Heterogeneous		100% Other	None Detected
ES 28.2 / 21077363-064 Exterior Surfacing	White Non-Fibrous Heterogeneous		100% Other	None Detected
ES 28.3 / 21077363-065 Exterior Surfacing	White Non-Fibrous Heterogeneous		100% Other	None Detected
TW 18.3 / 21077363-066 Textured Wall - Room	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 12/20/2021

Date: 12/20/2021

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



SanAir ID Number

21077363

FINAL REPORT

12/20/2021 4:59:06 PM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
 Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Roanoke County
P.O. Number:
Project Name: 5305 Hollins Rd Roanoke
Collected Date: 12/16/2021
Received Date: 12/17/2021 10:05:00 AM

Dear Crowder,

We at SanAir would like to thank you for the work you recently submitted. The 66 sample(s) were received on Friday, December 17, 2021 via UPS. The final report(s) is enclosed for the following sample(s): FT 1.1, FT 1.2, TM 2.1, TM 2.2, SR 3.1, SR 3.2, SR 3.3, SR 3.4, SR 3.5, JC 4.1, JC 4.2, JC 4.3, JC 4.4, JC 4.5, FT 5.1, FT 5.2, TM 6.1, TM 6.2, FT 7.1, FT 7.2, TM 8.1, TM 8.2, FT 9.1, FT 9.2, TM 10.1, TM 10.2, FT 11.1, FT 11.2, TM 12.1, TM 12.2, FT 13.1, FT 13.2, BM 14.1, BM 14.2, BM 15.1, BM 15.2, CT 16.1, CT 16.2, CT 16.3, CT 17.1, CT 17.2, CT 17.3, TW 18.1, TW 18.2, FT 19.1, FT 19.2, TM 20.1, TM 20.2, FT 21.1, FT 21.2, TM 22.1, TM 22.2, FT 23.1, FT 23.2, TM 24.1, TM 24.2, FT 25.1, FT 25.2, WF 26.1, WF 26.2, DF 27.1, DF 27.2, ES 28.1, ES 28.2, ES 28.3, TW 18.3.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is fluid and cursive, with the first name "Sandra" being more prominent than the last name "Sobrino".

Sandra Sobrino
 Asbestos & Materials Laboratory Manager
 SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 66 samples in Good condition.

LEAD INSPECTION

On December 16, 2021 a Lead-Based Paint inspection was also conducted at 5305 Hollins Road. The inspection was conducted to identify potential lead-based paint concerns involved in this renovation project. The areas were inspected by Fred Danner.

The inspection determined that NONE of the surfaces tested contain lead greater than or equal to 1.0 mg/cm, and are NOT considered to be lead-based paint surfaces as defined by the Virginia Department of Professional and Occupational Regulation (DPOR) and the Environmental Protection Agency (EPA).

For informational purposes, the following material was sampled and identified to be a lead component. Although not included in the Virginia Lead-based Paint Activities Regulations, the contractor should be provided this information in the event it is removed for disposal purposes:

- **Painted Steel Sinks**

If lead is present, regardless of quantity, OSHA regulations are applicable. All persons involved in the disturbance of lead based or lead containing painted surfaces should be adequately trained to do so. All contractors should be provided with the results for their use in meeting current OSHA requirements for the protection of their workers and the environment.

This inspection was in compliance with the Virginia Lead-based Paint Activities Regulations, October 1, 1995. The Inspector is properly trained, licensed, and met the competency requirements spelled out in those regulations.

FIELD VERIFICATION

Fred Danner, interim licensed lead-based paint inspector, under the direction of Robin H. Liebal, inspected the structure on December 6, 2021.

A total of Seventy-Five (75) X-Ray Florescence (XRF) readings, including calibrations, were taken in substantial conformance with industry standards and other applicable federal and state regulations.

Robin H. Liebal's Virginia Lead Risk Assessor license number is 3356000422.

A complete copy of all tested surfaces and results are included in this report. All positive samples are listed in BOLD.

HDH Technical, Inc. (HDHT) used the Heuresis Corporation model Pb200i (Serial#1609) X-Ray Fluorescence (XRF) instrument for the screening. This unit was resourced in February 2020. The instrument is not substrate dependent according to that performance characteristic sheet, so no substrate corrections were required during this screening.

The XRF was calibrated prior to use and at the end of the testing, or every four hours, whichever came first. All calibrations were conducted on a 1.10 ± 0.1 mg/cm² NIST SRM paint film. All calibrations are noted on the x-ray fluorescence data sheets.

For the purposes of this inspection lead-based paint is defined as greater than or equal to 1.0 mg/cm². The Heuresis Corporation instrument (model Pb200i) used in this survey have published threshold values of 1.0 mg/cm² on all substrates and do not require substrate correction. Paint chip confirmation of inconclusive samples was not necessary since no inconclusive surfaces were identified during sampling with this X-ray Fluorescence Analyzer. Lastly, this report detailing the findings of the inspection report was written to document the inspection and provide a permanent record of the evaluation.

Qualifications

The inspection was conducted by Fred Danner, interim lead inspector, under the direction of Robin H. Liebal, Licensed Lead Risk Assessor #3356000422. The inspection was conducted in accordance with applicable Local, State, and Federal regulations.

Methodologies

This inspection was conducted in accordance with accepted industry standards and applicable regulations established by OSHA and the EPA. This inspection only identifies lead-based paint that is accessible through non-destructive methods. It does not identify lead-based paint materials located within walls, concrete decks, subfloors, or other generally inaccessible areas.

Disclaimer

This inspection report is written for and intended for the use of the Owner and its representatives only. HDHT is not responsible nor will be held liable for any interpretation made, opinions formed, or conclusions drawn by any third party as a result of examining the lab results, inspection results or this report. Any interpretations, opinions, and conclusions will be those made, formed, and drawn solely by that third party.

A lead inspector/risk assessor properly trained by a training institution utilizing an approved HUD curriculum and subsequently licensed to perform inspections by the Commonwealth of Virginia performed the inspection of this structure. HDHT accepts no liability nor makes any claims regarding lead based painted surfaces which were not tested and lead -based painted surfaces which were not accessible during the inspection process if such material was located behind or within walls, concrete decks, sub-floors, chases, or was otherwise generally inaccessible without destructive sampling.

Lead Based Paint Testing Results



400 West Main Street
Christiansburg, Virginia 24073
Telephone: (540) 381-7999

Lead Testing for Construction

Roanoke County General Services
Roanoke, VA

5305 Hollins Road
Roanoke, VA 24019

READING	CONCENTRATION	UNITS	RESULTS	DATE	TIME	USER	SITE	ROOM CHOICE	STRUCTURE	MEMBER	SUBSTRATE	CONDITION
1	1	mg/cm2	Positive	12/16/2021	12:58:47	HDHT	5305 Hollins	Calibration				
2	0	mg/cm2	Negative	12/16/2021	13:01:22	HDHT	5305 Hollins	Room 1	Room	Wall	Concrete	
3	0.1	mg/cm2	Negative	12/16/2021	13:03:11	HDHT	5305 Hollins	Room 1	Column		Metal	
4	0.5	mg/cm2	Negative	12/16/2021	13:03:36	HDHT	5305 Hollins	Room 1	Column		Metal	
5	0.3	mg/cm2	Negative	12/16/2021	13:03:56	HDHT	5305 Hollins	Room 1	Column		Metal	
6	0	mg/cm2	Negative	12/16/2021	13:04:58	HDHT	5305 Hollins	Room 1	Room	Wall	Concrete	
7	0.2	mg/cm2	Negative	12/16/2021	13:05:27	HDHT	5305 Hollins	Room 1	Room	Wall	Concrete	
8	0	mg/cm2	Negative	12/16/2021	13:06:22	HDHT	5305 Hollins	Room 1	Door		Wood	
9	-0.1	mg/cm2	Negative	12/16/2021	13:06:53	HDHT	5305 Hollins	Room 1	Door	Casing	Wood	
10	0	mg/cm2	Negative	12/16/2021	13:08:01	HDHT	5305 Hollins	Room 2	Column		Metal	
11	0.2	mg/cm2	Negative	12/16/2021	13:08:26	HDHT	5305 Hollins	Room 2	Column		Metal	
12	0	mg/cm2	Negative	12/16/2021	13:14:40	HDHT	5305 Hollins	Hallway 1	Door	Casing	Metal	
13	0	mg/cm2	Negative	12/16/2021	13:14:57	HDHT	5305 Hollins	Hallway 1	Door	Casing	Metal	
14	0.1	mg/cm2	Negative	12/16/2021	13:15:18	HDHT	5305 Hollins	Hallway 1	Door	Casing	Metal	
15	0.1	mg/cm2	Negative	12/16/2021	13:15:39	HDHT	5305 Hollins	Hallway 1	Window	Casing	Metal	
16	0.2	mg/cm2	Negative	12/16/2021	13:16:52	HDHT	5305 Hollins	Room 3	Window	Casing	Wood	
17	0	mg/cm2	Negative	12/16/2021	13:17:38	HDHT	5305 Hollins	Room 3	Window	Casing	Wood	
18	-0.1	mg/cm2	Negative	12/16/2021	13:18:26	HDHT	5305 Hollins	Room 3	Door		Metal	
19	0	mg/cm2	Negative	12/16/2021	13:18:57	HDHT	5305 Hollins	Room 3	Door		Metal	
20	0	mg/cm2	Negative	12/16/2021	13:19:20	HDHT	5305 Hollins	Room 3	Door		Metal	
21	0	mg/cm2	Negative	12/16/2021	13:20:27	HDHT	5305 Hollins	Room 3	Door		Metal	
22	0.2	mg/cm2	Negative	12/16/2021	13:22:19	HDHT	5305 Hollins	Bathroom 1	Room	Wall	Drywall	
23	0.1	mg/cm2	Negative	12/16/2021	13:23:15	HDHT	5305 Hollins	Bathroom 1	Room	Wall	Tile	
24	0	mg/cm2	Negative	12/16/2021	13:23:47	HDHT	5305 Hollins	Bathroom 1	Radiator		Metal	
25	31	mg/cm2	Positive	12/16/2021	13:24:29	HDHT	5305 Hollins	Bathroom 1	Sink		Metal	
26	-0.4	mg/cm2	Negative	12/16/2021	13:24:59	HDHT	5305 Hollins	Bathroom 1	Sink		Metal	
27	31	mg/cm2	Positive	12/16/2021	13:25:16	HDHT	5305 Hollins	Bathroom 1	Sink		Metal	
28	0.1	mg/cm2	Negative	12/16/2021	13:28:54	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
29	0.1	mg/cm2	Negative	12/16/2021	13:33:33	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
30	0.1	mg/cm2	Negative	12/16/2021	13:33:56	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
31	0.8	mg/cm2	Negative	12/16/2021	13:34:43	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
32	0	mg/cm2	Negative	12/16/2021	13:35:24	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
33	0	mg/cm2	Negative	12/16/2021	13:36:00	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
34	0	mg/cm2	Negative	12/16/2021	13:36:21	HDHT	5305 Hollins	Room 4	Door	Casing	Metal	
35	0.1	mg/cm2	Negative	12/16/2021	13:37:05	HDHT	5305 Hollins	Room 4	Window	Casing	Wood	
36	-0.1	mg/cm2	Negative	12/16/2021	13:39:14	HDHT	5305 Hollins	Room 4	Window	Casing	Wood	
37	0.2	mg/cm2	Negative	12/16/2021	13:39:31	HDHT	5305 Hollins	Room 4	Door		Metal	



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Lead Testing for Construction

Roanoke County General Services
Roanoke, VA

5305 Hollins Road
Roanoke, VA 24019

READING	CONCENTRATION	UNITS	RESULTS	DATE	TIME	USER	SITE	ROOM CHOICE	STRUCTURE	MEMBER	SUBSTRATE	CONDITION
38	0.7	mg/cm2	Negative	12/16/2021	13:40:18	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
39	0.2	mg/cm2	Negative	12/16/2021	13:40:59	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
40	0.1	mg/cm2	Negative	12/16/2021	13:48:22	HDHT	5305 Hollins	Room 4	Room	Wall	Drywall	
41	31	mg/cm2	Positive	12/16/2021	14:01:53	HDHT	5305 Hollins	Bathroom 2	Sink		Metal	
42	0	mg/cm2	Negative	12/16/2021	14:05:03	HDHT	5305 Hollins	Bathroom 2	Toilet		Metal	
43	19.8	mg/cm2	Positive	12/16/2021	14:05:27	HDHT	5305 Hollins	Bathroom 2	Sink		Metal	
44	25.8	mg/cm2	Positive	12/16/2021	14:05:45	HDHT	5305 Hollins	Bathroom 2	Sink		Metal	
45	0.4	mg/cm2	Negative	12/16/2021	14:06:30	HDHT	5305 Hollins	Room 5	Room	Wall	Drywall	
46	0	mg/cm2	Negative	12/16/2021	14:08:58	HDHT	5305 Hollins	Room 5	Room	Wall	Drywall	
47	0.1	mg/cm2	Negative	12/16/2021	14:09:16	HDHT	5305 Hollins	Room 5	Room	Wall	Drywall	
48	-0.1	mg/cm2	Negative	12/16/2021	14:11:00	HDHT	5305 Hollins	Room 5	Door	Casing	Metal	
49	0.1	mg/cm2	Negative	12/16/2021	14:12:55	HDHT	5305 Hollins	Bathroom 3	Sink		Metal	
50	0.3	mg/cm2	Negative	12/16/2021	14:13:15	HDHT	5305 Hollins	Room 6	Room	Wall	Drywall	
51	0.1	mg/cm2	Negative	12/16/2021	14:13:37	HDHT	5305 Hollins	Room 6	Room	Wall	Drywall	
52	0	mg/cm2	Negative	12/16/2021	14:13:59	HDHT	5305 Hollins	Room 6	Door	Casing	Metal	
53	0	mg/cm2	Negative	12/16/2021	14:14:29	HDHT	5305 Hollins	Room 6	Window	Casing	Metal	
54	0.1	mg/cm2	Negative	12/16/2021	14:14:45	HDHT	5305 Hollins	Room 6	Window	Casing	Metal	
55	0.1	mg/cm2	Negative	12/16/2021	14:15:06	HDHT	5305 Hollins	Room 7	Room	Wall	Drywall	
56	-0.1	mg/cm2	Negative	12/16/2021	14:15:50	HDHT	5305 Hollins	Room 7	Room	Wall	Drywall	
57	0.1	mg/cm2	Negative	12/16/2021	14:16:04	HDHT	5305 Hollins	Room 8	Window	Casing	Metal	
58	0.1	mg/cm2	Negative	12/16/2021	14:17:14	HDHT	5305 Hollins	Room 8	Room	Wall	Drywall	
59	-0.1	mg/cm2	Negative	12/16/2021	14:17:48	HDHT	5305 Hollins	Room 8	Door		Metal	
60	0.3	mg/cm2	Negative	12/16/2021	14:19:55	HDHT	5305 Hollins	Exterior	Door	Casing	Metal	
61	0.3	mg/cm2	Negative	12/16/2021	14:20:30	HDHT	5305 Hollins	Exterior	Door	Casing	Metal	
62	0.1	mg/cm2	Negative	12/16/2021	14:20:57	HDHT	5305 Hollins	Exterior	Door	Casing	Metal	
63	0.5	mg/cm2	Negative	12/16/2021	14:21:39	HDHT	5305 Hollins	Exterior	Exterior	Wall	Metal	
64	0	mg/cm2	Negative	12/16/2021	14:22:00	HDHT	5305 Hollins	Exterior	Exterior	Wall	Metal	
65	0.2	mg/cm2	Negative	12/16/2021	14:22:24	HDHT	5305 Hollins	Exterior	Exterior	Wall	Metal	
66	0	mg/cm2	Negative	12/16/2021	14:23:26	HDHT	5305 Hollins	Exterior	Exterior	Wall	Metal	
67	0.3	mg/cm2	Negative	12/16/2021	14:23:45	HDHT	5305 Hollins	Exterior	Railing	Bollard	Metal	
68	0	mg/cm2	Negative	12/16/2021	14:24:03	HDHT	5305 Hollins	Exterior	Railing	Bollard	Metal	
69	0.2	mg/cm2	Negative	12/16/2021	14:24:36	HDHT	5305 Hollins	Exterior	Railing	Railing	Metal	
70	0.1	mg/cm2	Negative	12/16/2021	14:25:22	HDHT	5305 Hollins	Exterior	Railing	Railing	Metal	
71	0.1	mg/cm2	Negative	12/16/2021	14:29:58	HDHT	5305 Hollins	Exterior	Bollard	Bollard	Metal	
72	0	mg/cm2	Negative	12/16/2021	14:30:36	HDHT	5305 Hollins	Exterior	Bollard	Bumper	Metal	
73	0.2	mg/cm2	Negative	12/16/2021	14:31:01	HDHT	5305 Hollins	Exterior	Railing	Fascia	Metal	
74	0.1	mg/cm2	Negative	12/16/2021	14:32:31	HDHT	5305 Hollins	Exterior	Railing	Fascia	Metal	



400 West Main Street
Christiansburg, Virginia 24073
Telephone: (540) 381-7999

Lead Testing for Construction

Roanoke County General Services
Roanoke, VA

5305 Hollins Road
Roanoke, VA 24019

READING	CONCENTRATION	UNITS	RESULTS	DATE	TIME	USER	SITE	ROOM CHOICE	STRUCTURE	MEMBER	SUBSTRATE	CONDITION
75	1	mg/cm2	Positive	12/16/2021	14:36:01	HDHT	5305 Hollins	Calibration				

Photos

5305 Hollins Road



All Floor Tile and Associated Mastic (Excluding gray floor tile in customer entrance and black floor tile in storage area) was found to be asbestos containing by the laboratory.

5305 Hollins Road



All Floor Tile and Associated Mastic (Excluding gray floor tile in customer entrance and black floor tile in storage area) was found to be asbestos containing by the laboratory.

5305 Hollins Road



All Floor Tile and Associated Mastic (Excluding gray floor tile in customer entrance and black floor tile in storage area) was found to be asbestos containing by the laboratory.

5305 Hollins Road



All Floor Tile and Associated Mastic (Excluding gray floor tile in customer entrance and black floor tile in storage area) was found to be asbestos containing by the laboratory.

5305 Hollins Road



All Floor Tile and Associated Mastic (Excluding gray floor tile in customer entrance and black floor tile in storage area) was found to be asbestos containing by the laboratory.

5305 Hollins Road



Window and Door Framing Caulk were found to be asbestos containing by the laboratory.

5305 Hollins Road



For informational purposes, the painted metal sinks were sampled and identified to be lead components. Although not included in the Virginia Lead-based Paint Activities Regulations, the contractor should be provided this information in the event these items are removed for disposal purposes.

Applicable Licenses

CERTIFICATE

This Certifies That

Frederick R. Danner

*755 B West Main Street
Christiansburg, VA 24073*

**Has Attended and Successfully Completed an
Examination for the Training Course Entitled:**

8-HOUR LEAD INSPECTOR REFRESHER

V21-0142
Certificate Number

November 11, 2021
Course Dates

November 11, 2021
Examination Date

Blacksburg, Virginia
Course Location


Dave Violette / Training Manager

November 11, 2024
Expiration Date


Dave Violette / Course Instructor

This Course Fulfills The Requisite Training for Lead Accreditation Under TSCA, Sections 402/204

**Dave Violette 120 Lovelane Street, Bluefield, VA 24605 ~ www.daveviolette.com
540.392.1660 ~ Mailing Address: Dave Violette PO Box 230, Blacksburg, VA 24063-0230**

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

11-30-2022

NUMBER

3356000422

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



ROBIN H LIEBAL
4659 HEAVENER RD.
RADFORD, VA 24141-0000



Mary Broz-Vaughan
Mary Broz-Vaughan, Director

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

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (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

12-31-2021

NUMBER

3303004480

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



JARED ALLEN CROWDER
5789 TABERNACLE PL
PULASKI, VA 24301

DPOR

Mary Brzez-Vaughan
Mary Brzez-Vaughan Director

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

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