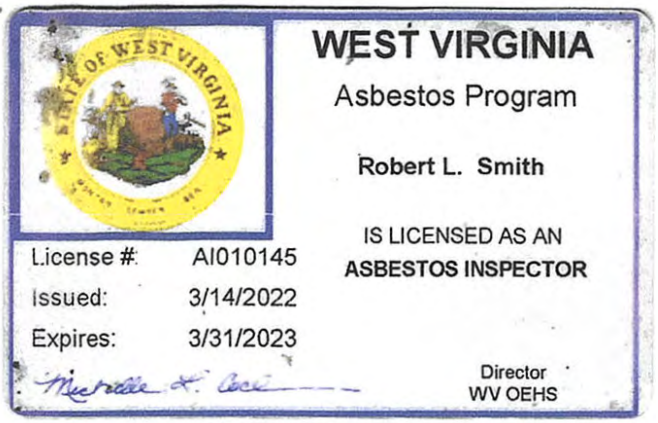


WEST VIRGINIA

Asbestos Program

Robert L. Smith

IS LICENSED AS AN

ASBESTOS INSPECTOR

License #: AI010145

Issued: 3/14/2022

Expires: 3/31/2023

Director
WV OEHS

CLIENT NAME:

Us Fish and Wildlife Service

INSPECTION ADRESS:

3664 Courtland Rd.

Davis, WV 26260

INSPECTED BY:

Robert Smith

Superior Environmental Services

538 Country Club Rd.

Buckhannon, WV 26201

INSPECTION DATE:

December 7, 2022

SUSPECT LIST:

- Top layer of Peel and stick floor tile and mastic in the kitchen and in hallway off the kitchen. (218 sq. ft.)
  Samples submitted: 3 Sample Numbers: KFT #1-3
- Bottom layer of 12"x 12" floor tile and mastic in the kitchen on the driveway side of the house. (40 sq. ft.)

  Samples submitted: 3 Sample Numbers: KBFT #1-3

- 9"x 9" floor tile and mastic in the kitchen, hallway off the kitchen, dining room, and upstairs hallway. (406 sq. ft.) NOTE: is some of these locations the 9"x 9" floor tile that are under other floor coverings.
  Samples submitted: 3 Sample Numbers: FT #1-3

- 12" x 12" floor tile in the breeze way between the house and the room above the garage. (60 sq. ft.)
  Samples submitted: 3 Sample Numbers: BWFT #1-3

- 12" x 12" floor tile and mastic in the room above the garage. (351 sq. ft.)
  Samples submitted: 3 Sample Numbers: GFT #1-3

- Wood look floor tile and mastic in the dining room. (180 sq. ft.)
  Samples submitted: 3 Sample Numbers: DFT #1-3

- Rolled vinyl floor covering in the bathroom on the back side of the house. (70 sq. ft.)
  Samples submitted: 3 Sample Numbers: BBRV #1-3

- Ceiling tile in the bathroom on the back side of the house. (70 sq. ft.)
  Samples submitted: 3 Sample Numbers: BCT #1-3

- Rolled vinyl floor covering and mastic in the bedroom on the first floor. (88 sq. ft.)
  Samples submitted: 3 Sample Numbers: RV #1-3

- 12" x 12" peel and stick floor tile in the bathroom aera on the front side of the house. (55 sq. ft.)
  Samples submitted: 3 Sample Numbers: FBFT #1-3

- Drywall and drywall mud throughout the first floor other than in the back bathroom, and on the walls in the room over the garage. (1,920 sq. ft.)
  Samples submitted: 3 Sample Numbers: DW #1-3

- Rolled vinyl floor covering in upstairs bedroom # 1. (112 sq. ft.)
  Samples submitted: 3 Sample Numbers: RV1 #1-3

- 16" x 16" ceiling tile in upstairs bedroom #1. (112 sq. ft.)
  Samples submitted: 3 Sample Numbers: CT1 #1-3

- Rolled vinyl floor covering in upstairs bedroom #2. (224 sq. ft.)
  Samples submitted: 3 Sample Numbers: RV2 #1-3

- 12" x 12" ceiling tile in upstairs bedroom #3 and in the upstairs hallway. (234 sq. ft.)
  Samples submitted: 3 Sample Numbers: CT3 #1-3

- Rolled vinyl floor covering in upstairs bedroom #4. (182 sq. ft.)
  Samples submitted: 3 Sample Numbers: RV4 #1-3

- 12" x 12" ceiling tile in upstairs bedroom #4 and in the upstairs bathroom. (224 sq. ft.)
  Samples submitted: 3 Sample Numbers: CT4 #1-3

- Top layer of floor covering in the upstairs bathroom is 12" x 12" peel and stick floor tile. (42 sq. ft.)
  Samples submitted: 3 Sample Numbers: UBFT #1-3

- Bottom layer of floor covering in the upstairs bathroom is rolled vinyl floor covering. (42 sq. ft.)
  Samples submitted: 3 Sample Numbers: UBRV #1-3

- Roof shingles on the house roof. (2,500 sq. ft.)
  Samples submitted: 3 Sample Numbers: SH #1-3

- 12" x 12" floor tile and mastic in the wood working shop in the basement. (162 sq. ft.)
  Samples submitted: 3 Sample Numbers: WSFT # 1-3

eurofins | CEI

December 16, 2022

Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

CLIENT PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

CEI LAB CODE: B2217965

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on December 13, 2022. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Superior Environmental

CLIENT PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

LAB CODE: B2217965

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 12/16/22

TOTAL SAMPLES ANALYZED: 63

SAMPLES >1% ASBESTOS: 26

730 SE Maynard Road • Cary, NC 27511 • 919.481.1413

eurofins | CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

LAB CODE: B2217965

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
KFT#1		B2217965.01A	White	Floor Tile	None Detected
		B2217965.01B	Yellow	Mastic	None Detected
KFT#2		B2217965.02A	White	Floor Tile	None Detected
		B2217965.02B	Yellow	Mastic	None Detected
KFT#3		B2217965.03A	White	Floor Tile	None Detected
		B2217965.03B	Yellow	Mastic	None Detected
KBFT#1		B2217965.04A	Beige,Brown	Floor Tile	Chrysotile 2%
		B2217965.04B	Yellow	Mastic	None Detected
KBFT#2		B2217965.05A	Beige,Brown	Floor Tile	Chrysotile 2%
		B2217965.05B	Yellow	Mastic	None Detected
KBFT#3		B2217965.06A	Beige,Brown	Floor Tile	Chrysotile 2%
		B2217965.06B	Yellow	Mastic	None Detected
FT#1		B2217965.07A	Brown	Floor Tile	Chrysotile 7%
		B2217965.07B	Black	Mastic	None Detected
FT#2		B2217965.08A	Brown	Floor Tile	Chrysotile 7%
		B2217965.08B	Black	Mastic	None Detected
FT#3		B2217965.09A	Brown	Floor Tile	Chrysotile 7%
		B2217965.09B	Black	Mastic	None Detected
BWFT#1		B2217965.10A	Tan	Floor Tile	Chrysotile 3%
		B2217965.10B	Yellow	Mastic	None Detected
BWFT#2		B2217965.11A	Tan	Floor Tile	Chrysotile 3%
		B2217965.11B	Yellow	Mastic	None Detected
BWFT#3		B2217965.12A	Tan	Floor Tile	Chrysotile 3%
		B2217965.12B	Yellow	Mastic	None Detected
GFT#1		B2217965.13A	Beige	Floor Tile	Chrysotile 2%
		B2217965.13B	Yellow	Mastic	None Detected
GFT#2		B2217965.14A	Beige	Floor Tile	Chrysotile 2%
		B2217965.14B	Yellow	Mastic	None Detected
GFT#3		B2217965.15A	Beige	Floor Tile	Chrysotile 2%
		B2217965.15B	Yellow	Mastic	None Detected
DFT#1		B2217965.16A	Wood Grain	Floor Tile	None Detected

eurofins | CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

LAB CODE: B2217965

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B2217965.16B	Clear	Mastic	None Detected
DFT#2		B2217965.17A	Wood Grain	Floor Tile	None Detected
		B2217965.17B	Clear	Mastic	None Detected
DFT#3		B2217965.18A	Wood Grain	Floor Tile	None Detected
		B2217965.18B	Clear	Mastic	None Detected
BBRV#1		B2217965.19	Yellow	Floor Covering	None Detected
BBRV#2		B2217965.20	Yellow	Floor Covering	None Detected
BBRV#3		B2217965.21	Yellow	Floor Covering	None Detected
BCT#1		B2217965.22	White,Tan	Ceiling Tile	None Detected
BCT#2		B2217965.23	White,Tan	Ceiling Tile	None Detected
BCT#3		B2217965.24	White,Tan	Ceiling Tile	None Detected
RV#1		B2217965.25A	Off-white,Beige	Floor Covering	Chrysotile 20%
		B2217965.25B	White	Mastic	Chrysotile 2%
RV#2		B2217965.26A	Off-white,Beige	Floor Covering	Chrysotile 20%
		B2217965.26B	White	Mastic	Chrysotile 2%
RV#3		B2217965.27A	Off-white,Beige	Floor Covering	Chrysotile 20%
		B2217965.27B	White	Mastic	Chrysotile 2%
FBFT#1		B2217965.28A	Off-white,Tan	Floor Tile	None Detected
		B2217965.28B	Clear	Mastic	None Detected
FBFT#2		B2217965.29A	Off-white,Tan	Floor Tile	None Detected
		B2217965.29B	Clear	Mastic	None Detected
FBFT#3		B2217965.30A	Off-white,Tan	Floor Tile	None Detected
		B2217965.30B	Clear	Mastic	None Detected
DW#1	Layer 1	B2217965.31	White,Tan	Surface Material	None Detected
	Layer 2	B2217965.31	White	Mud	Chrysotile 2%
DW#2		B2217965.32	White,Beige	Mud	Chrysotile 2%
DW#3		B2217965.33	Green,White	Drywall	None Detected
RV1#1		B2217965.34	Beige,Black	Floor Covering	None Detected
RV1#2		B2217965.35	Beige,Black	Floor Covering	None Detected
RV1#3		B2217965.36	Beige,Black	Floor Covering	None Detected
CT1#1		B2217965.37	White,Tan	Ceiling Tile	None Detected

eurofins | CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

LAB CODE: B2217965

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
CT1#2		B2217965.38	White,Tan	Ceiling Tile	None Detected
CT1#3		B2217965.39	White,Tan	Ceiling Tile	None Detected
RV2#1		B2217965.40	Tan,Black	Floor Covering	None Detected
RV2#2		B2217965.41	Tan,Black	Floor Covering	None Detected
RV2#3		B2217965.42	Tan,Black	Floor Covering	None Detected
CT3#1		B2217965.43	White,Tan	Ceiling Tile	None Detected
CT3#2		B2217965.44	White,Tan	Ceiling Tile	None Detected
CT3#3		B2217965.45	White,Tan	Ceiling Tile	None Detected
RV4#1		B2217965.46	Yellow,Black	Floor Covering	None Detected
RV4#2		B2217965.47	Yellow,Black	Floor Covering	None Detected
RV4#3		B2217965.48	Yellow,Black	Floor Covering	None Detected
CT4#1		B2217965.49	White,Brown	Ceiling Tile	None Detected
CT4#2		B2217965.50	White,Brown	Ceiling Tile	None Detected
CT4#3		B2217965.51	White,Brown	Ceiling Tile	None Detected
UBFT#1		B2217965.52A	White,Tan	Floor Tile	None Detected
		B2217965.52B	Clear	Mastic	None Detected
UBFT#2		B2217965.53A	White,Tan	Floor Tile	None Detected
		B2217965.53B	Clear	Mastic	None Detected
UBFT#3		B2217965.54A	White,Tan	Floor Tile	None Detected
		B2217965.54B	Clear	Mastic	None Detected
UBRV#1		B2217965.55A	Yellow	Floor Covering	None Detected
		B2217965.55B	Black	Mastic	Chrysotile 5%
UBRV#2		B2217965.56A	Yellow	Floor Covering	None Detected
		B2217965.56B	Black	Mastic	Chrysotile 5%
UBRV#3		B2217965.57A	Yellow	Floor Covering	None Detected
		B2217965.57B	Black	Mastic	Chrysotile 5%
SH#1		B2217965.58	Black,Red	Roof Shingle	None Detected
SH#2		B2217965.59	Black,Red	Roof Shingle	None Detected
SH#3		B2217965.60	Black,Red	Roof Shingle	None Detected
WSFT#1		B2217965.61A	White	Floor Tile	Chrysotile 5%
		B2217965.61B	Yellow	Mastic	None Detected

eurofins | CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

LAB CODE: B2217965

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
WSFT#2		B2217965.62A	White	Floor Tile	Chrysotile 5%
		B2217965.62B	Yellow	Mastic	None Detected
WSFT#3		B2217965.63A	White	Floor Tile	Chrysotile 5%
		B2217965.63B	Yellow	Mastic	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
KFT#1 B2217965.01A	Floor Tile	Heterogeneous White Non-fibrous Bound	100%	Vinyl	None Detected
B2217965.01B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
KFT#2 B2217965.02A	Floor Tile	Heterogeneous White Non-fibrous Bound	100%	Vinyl	None Detected
B2217965.02B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
KFT#3 B2217965.03A	Floor Tile	Heterogeneous White Non-fibrous Bound	100%	Vinyl	None Detected
B2217965.03B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
KBFT#1 B2217965.04A	Floor Tile	Heterogeneous Beige,Brown Non-fibrous Bound	98%	Vinyl	2% Chrysotile

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B2217965.04B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
KBFT#2 B2217965.05A	Floor Tile	Heterogeneous Beige,Brown Non-fibrous Bound	98%	Vinyl	2% Chrysotile
B2217965.05B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
KBFT#3 B2217965.06A	Floor Tile	Heterogeneous Beige,Brown Non-fibrous Bound	98%	Vinyl	2% Chrysotile
B2217965.06B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
FT#1 B2217965.07A	Floor Tile	Homogeneous Brown Non-fibrous Bound	93%	Vinyl	7% Chrysotile
B2217965.07B	Mastic	Homogeneous Black Non-fibrous Bound	100%	Tar	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
FT#2 B2217965.08A	Floor Tile	Homogeneous Brown Non-fibrous Bound		93%	Vinyl	7% Chrysotile
B2217965.08B	Mastic	Homogeneous Black Non-fibrous Bound		100%	Tar	None Detected
FT#3 B2217965.09A	Floor Tile	Homogeneous Brown Non-fibrous Bound		93%	Vinyl	7% Chrysotile
B2217965.09B	Mastic	Homogeneous Black Non-fibrous Bound		100%	Tar	None Detected
BWFT#1 B2217965.10A	Floor Tile	Homogeneous Tan Non-fibrous Bound		97%	Vinyl	3% Chrysotile
B2217965.10B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
BWFT#2 B2217965.11A	Floor Tile	Homogeneous Tan Non-fibrous Bound		97%	Vinyl	3% Chrysotile

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B2217965.11B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
BWFT#3 B2217965.12A	Floor Tile	Homogeneous Tan Non-fibrous Bound		97% Vinyl	3% Chrysotile
B2217965.12B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
GFT#1 B2217965.13A	Floor Tile	Homogeneous Beige Non-fibrous Bound		98% Vinyl	2% Chrysotile
B2217965.13B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
GFT#2 B2217965.14A	Floor Tile	Homogeneous Beige Non-fibrous Bound		98% Vinyl	2% Chrysotile
B2217965.14B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
GFT#3 B2217965.15A	Floor Tile	Homogeneous Beige Non-fibrous Bound	98%	Vinyl	2% Chrysotile
B2217965.15B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
DFT#1 B2217965.16A	Floor Tile	Heterogeneous Wood Grain Non-fibrous Bound	100%	Vinyl	None Detected
B2217965.16B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
DFT#2 B2217965.17A	Floor Tile	Heterogeneous Wood Grain Non-fibrous Bound	100%	Vinyl	None Detected
B2217965.17B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
DFT#3 B2217965.18A	Floor Tile	Heterogeneous Wood Grain Non-fibrous Bound	100%	Vinyl	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
B2217965.18B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
BBRV#1 B2217965.19	Floor Covering	Heterogeneous Yellow Non-fibrous Bound			50% 50%	Vinyl Foam	None Detected
BBRV#2 B2217965.20	Floor Covering	Heterogeneous Yellow Non-fibrous Bound			50% 50%	Vinyl Foam	None Detected
BBRV#3 B2217965.21	Floor Covering	Heterogeneous Yellow Non-fibrous Bound			50% 50%	Vinyl Foam	None Detected
BCT#1 B2217965.22	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
BCT#2 B2217965.23	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
BCT#3 B2217965.24	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
RV#1 B2217965.25A	Floor Covering	Heterogeneous Off-white,Beige Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B2217965.25B	Mastic	Homogeneous White Non-fibrous Bound			98%	Mastic	2% Chrysotile
Analyst opinion: Contamination from adjacent flooring.							
RV#2 B2217965.26A	Floor Covering	Heterogeneous Off-white,Beige Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B2217965.26B	Mastic	Homogeneous White Non-fibrous Bound			98%	Mastic	2% Chrysotile
Analyst opinion: Contamination from adjacent flooring.							
RV#3 B2217965.27A	Floor Covering	Heterogeneous Off-white,Beige Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B2217965.27B	Mastic	Homogeneous White Non-fibrous Bound			98%	Mastic	2% Chrysotile
Analyst opinion: Contamination from adjacent flooring.							
FBFT#1 B2217965.28A	Floor Tile	Heterogeneous Off-white,Tan Fibrous Bound			100%	Vinyl	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B2217965.28B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
FBFT#2 B2217965.29A	Floor Tile	Heterogeneous Off-white,Tan Fibrous Bound	100%	Vinyl	None Detected
B2217965.29B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
FBFT#3 B2217965.30A	Floor Tile	Heterogeneous Off-white,Tan Fibrous Bound	100%	Vinyl	None Detected
B2217965.30B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
DW#1 Layer 1 B2217965.31 No drywall present.	Surface Material	Heterogeneous White,Tan Non-fibrous Bound	65% 30% 5%	Binder Calc Carb Paint	None Detected
Layer 2 B2217965.31	Mud	Heterogeneous White Non-fibrous Bound	65% 33%	Binder Calc Carb	2% Chrysotile

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
DW#2 B2217965.32	Mud	Heterogeneous White,Beige Non-fibrous Bound			65% 28% 5%	Binder Calc Carb Paint	2% Chrysotile
No drywall present.							
DW#3 B2217965.33	Drywall	Heterogeneous Green,White Fibrous Bound	20%	Cellulose	80% <1%	Gypsum Paint	None Detected
RV1#1 B2217965.34	Floor Covering	Heterogeneous Beige,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV1#2 B2217965.35	Floor Covering	Heterogeneous Beige,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV1#3 B2217965.36	Floor Covering	Heterogeneous Beige,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
CT1#1 B2217965.37	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected
CT1#2 B2217965.38	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
CT1#3 B2217965.39	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected
RV2#1 B2217965.40	Floor Covering	Heterogeneous Tan,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV2#2 B2217965.41	Floor Covering	Heterogeneous Tan,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV2#3 B2217965.42	Floor Covering	Heterogeneous Tan,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
CT3#1 B2217965.43	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
CT3#2 B2217965.44	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
CT3#3 B2217965.45	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
RV4#1 B2217965.46	Floor Covering	Heterogeneous Yellow,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV4#2 B2217965.47	Floor Covering	Heterogeneous Yellow,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
RV4#3 B2217965.48	Floor Covering	Heterogeneous Yellow,Black Fibrous Bound	50%	Cellulose	30% 20%	Tar Vinyl	None Detected
CT4#1 B2217965.49	Ceiling Tile	Heterogeneous White,Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
CT4#2 B2217965.50	Ceiling Tile	Heterogeneous White,Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
CT4#3 B2217965.51	Ceiling Tile	Heterogeneous White,Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
UBFT#1 B2217965.52A	Floor Tile	Heterogeneous White,Tan Non-fibrous Bound			100%	Vinyl	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
B2217965.52B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
UBFT#2 B2217965.53A	Floor Tile	Heterogeneous White,Tan Non-fibrous Bound			100%	Vinyl	None Detected
B2217965.53B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
UBFT#3 B2217965.54A	Floor Tile	Heterogeneous White,Tan Non-fibrous Bound			100%	Vinyl	None Detected
B2217965.54B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
UBRV#1 B2217965.55A	Floor Covering	Heterogeneous Yellow Fibrous Bound	40% 10%	Cellulose Fiberglass	50%	Vinyl	None Detected
B2217965.55B	Mastic	Homogeneous Black Non-fibrous Bound			95%	Tar	5% Chrysotile

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
UBRV#2 B2217965.56A	Floor Covering	Heterogeneous Yellow Fibrous Bound	40% 10%	Cellulose Fiberglass	50%	Vinyl	None Detected
B2217965.56B	Mastic	Homogeneous Black Non-fibrous Bound			95%	Tar	5% Chrysotile
UBRV#3 B2217965.57A	Floor Covering	Heterogeneous Yellow Fibrous Bound	40% 10%	Cellulose Fiberglass	50%	Vinyl	None Detected
B2217965.57B	Mastic	Homogeneous Black Non-fibrous Bound			95%	Tar	5% Chrysotile
SH#1 B2217965.58	Roof Shingle	Heterogeneous Black,Red Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
SH#2 B2217965.59	Roof Shingle	Heterogeneous Black,Red Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
SH#3 B2217965.60	Roof Shingle	Heterogeneous Black,Red Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected

eurofins | CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Superior Environmental
538 Country Club Road
Buckhannon, WV 26201

Lab Code: B2217965
Date Received: 12-13-22
Date Analyzed: 12-16-22
Date Reported: 12-16-22

Project: US Fish and Wildlife Service, 3664 Courtland Rd., Davis WV 26260

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
WSFT#1 B2217965.61A	Floor Tile	Homogeneous White Non-fibrous Bound	95%	Vinyl	5% Chrysotile
B2217965.61B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
WSFT#2 B2217965.62A	Floor Tile	Homogeneous White Non-fibrous Bound	95%	Vinyl	5% Chrysotile
B2217965.62B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
WSFT#3 B2217965.63A	Floor Tile	Homogeneous White Non-fibrous Bound	95%	Vinyl	5% Chrysotile
B2217965.63B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected

eurofins | CEI

LEGEND:

Non-Anth	= Non-Asbestiform Anthophyllite
Non-Trem	= Non-Asbestiform Tremolite
Calc Carb	= Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST: Regan Kerns

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

CEI LABS

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	B22179G5 (63)
CEI Lab I.D. Range:	

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact:
Company: Superior Environmental Services	Email / Tel:
Address: 538 Country Club Road	Project Name: US Fish and Wildlife Servic
Buckhannon, WV 26201	Project ID#: 3664 Courtland Rd.
Email:	PO #: Davis WV 26260
Tel: Fax:	STATE SAMPLES COLLECTED IN:

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME 4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600	[redacted]	☐	☐	☐	☐	☐
PLM BULK	CARB 435	[redacted]	☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD	[redacted]	☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13	[redacted]		☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD	[redacted]		☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:	☒ Accept Samples ☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[redacted]	[redacted] 12-7-22	BMB	12/13 12:50

Samples will be disposed of 30 days after analysis

Page ____ of ____

USPS EI 243 823146 US

ASBESTOS
SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company:	Job Contact:
Project Name:	
Project ID #:	Tel:

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
KFT #1	" Top layer Kitchen Floor tile "		PLM ☐	TEM ☐
KFT #2	"	"	PLM ☐	TEM ☐
KFT #3	"	"	PLM ☐	TEM ☐
KBFT #1	" Bottom layer kitchen Floor tile	"	PLM ☐	TEM ☐
KBFT #2	"	"	PLM ☐	TEM ☐
KBFT #3	"	"	PLM ☐	TEM ☐
FT #1	" 9x9 Floor tile "		PLM ☐	TEM ☐
FT #2	"	"	PLM ☐	TEM ☐
FT #3	"	"	PLM ☐	TEM ☐
BWFT#1	" Breeze WAY Floor tile "		PLM ☐	TEM ☐
BWFT#2	"	"	PLM ☐	TEM ☐
BWFT#3	"	"	PLM ☐	TEM ☐
GFT #1	" Floor tile abour garage "		PLM ☐	TEM ☐
GFT #2	"	"	PLM ☐	TEM ☐
GFT #3	"	"	PLM ☐	TEM ☐
DFT #1	" Top layer Floor tile in Dining Room"		PLM ☐	TEM ☐
DFT #2	"	"	PLM ☐	TEM ☐
DFT #3	"	"	PLM ☐	TEM ☐
BBRV #1	" Rolled vinyl Floor covering	"	PLM ☐	TEM ☐
BBRV #2	" in Back Bath Rm	"	PLM ☐	TEM ☐
BBRV #3	"	"	PLM ☐	TEM ☐
BCT #1	" ceiling tile in Back Bath Room	"	PLM ☐	TEM ☐
BCT #2	"	"	PLM ☐	TEM ☐
BCT #3	"	"	PLM ☐	TEM ☐
RV #1	" Rolled vinyl Floor covering	"	PLM ☐	TEM ☐
RV #2	" in First Floor Bed Room	"	PLM ☐	TEM ☐
RV #3	"	"	PLM ☐	TEM ☐
FBFT #1	" Floor tile in Front Bath Room	"	PLM ☐	TEM ☐
FBFT #2	"	"		
FBFT #3	"	"		

Page _____ of _____

On Back

DW #1 " Dry Wall "
DW #2 "
DW #3 "

RV1 #1 " Rolled vinyl in upstairs Bed Rm #1 "
RV1 #2 "
RVT #3 "

CT1 #1 " 16" X 16" Ceiling tile in Bed Rm #1 "
CT1 #2 "
CT1 #3 "

RV2 #1 " Rolled vinyl in upstairs Bed Rm #2 "
RV2 #2 "
RV2 #3 "

CT3 #1 " Ceiling tile in upstairs Bed Rm #3 and Hallway "
CT3 #2 "
CT3 #3 "

RV4 #1 " Rolled Vinyl Floor Covering in Bed Room #4 "
RV4 #2 "
RV4 #3 "

CT4 #1 " Ceiling tile in Bed Room #4 and upstairs Bath Rm "
CT4 #2 "
CT4 #3 "

UBFT #1 " Top layer of Floor tile in upstairs Bath "
UBFT #2 "
UBFT #3 "

UBRV #1 " Rolled Vinyl in upstairs Bath under tile "
UBRV #2 "
UBRV #3 "

SH #1 " Roof Shingles "
SH #2 "
SH #3 "

WSFT #1 " Work Shop Floor tile "
WSFT #2 "
WSFT #3 "

36

63

KBFT #1-3

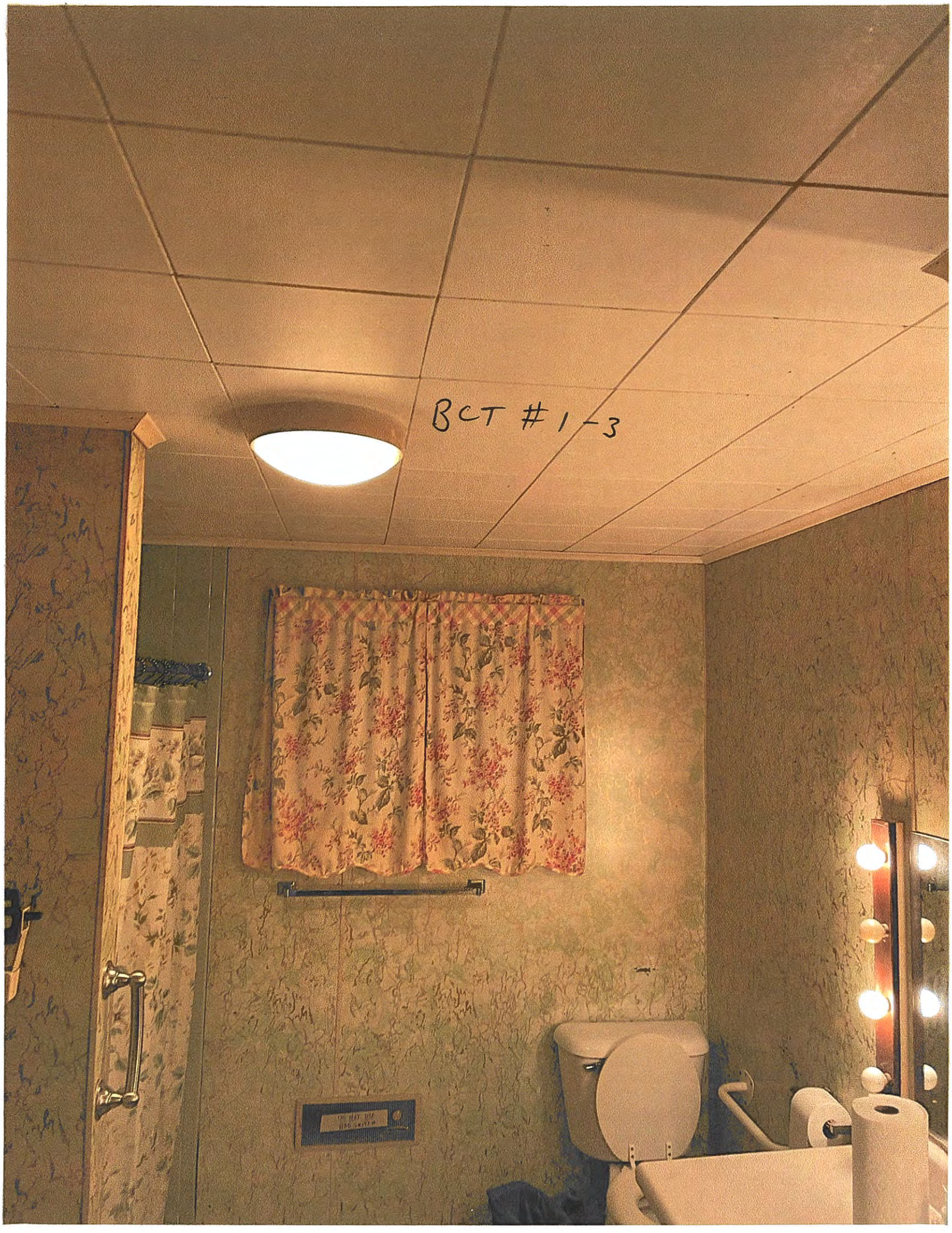
FT #1-3

BWFT #1-3

GFT #1-3

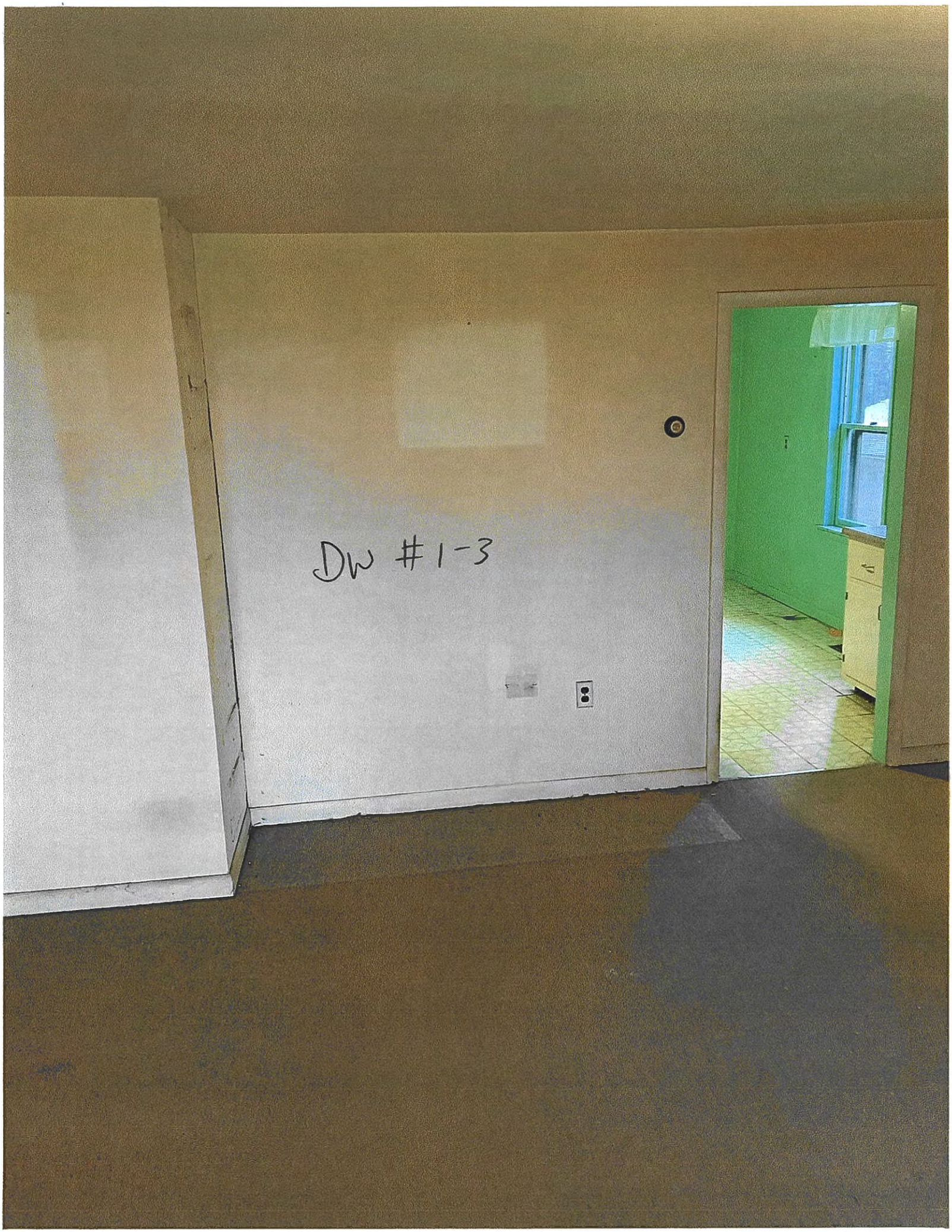
DFT #1-3

BBRv #1-3


BCT #1-3

Rv # 1-3

FBFT #1-3


DW #1-3

RV1 #1-3

CT1 #1-3

RV2 #1-3

CT 3 # 1-3

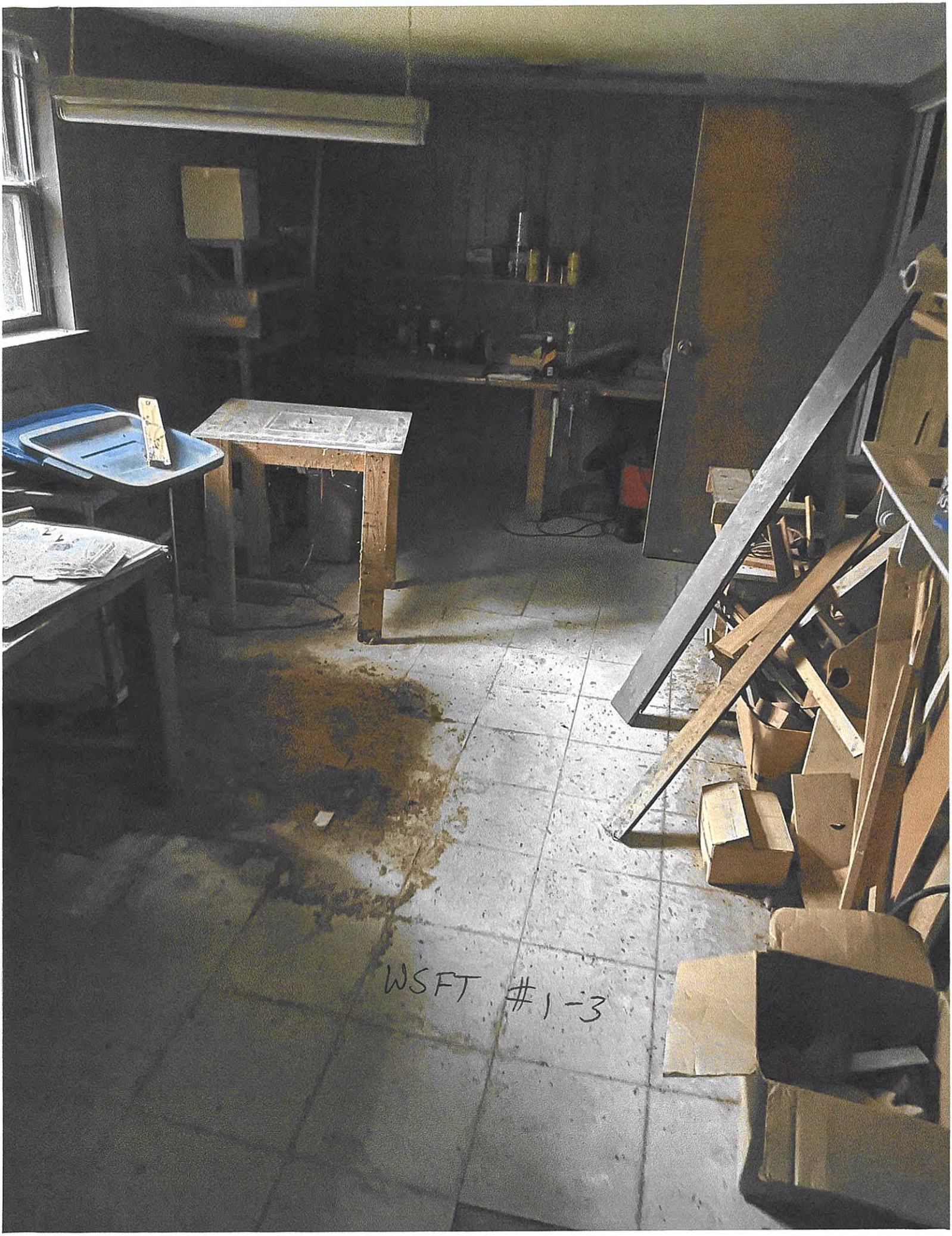
RV4 #1-3

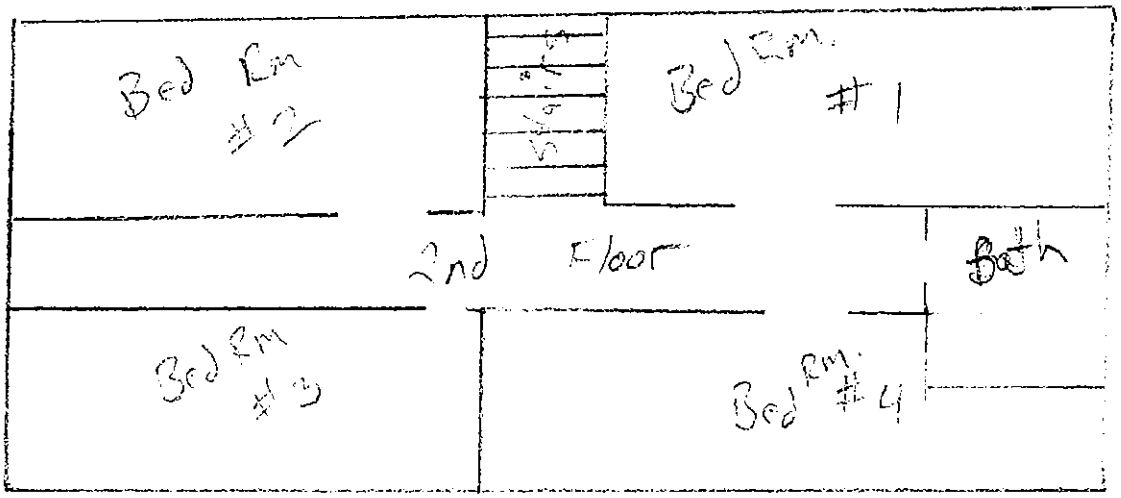
CT4 #1-3

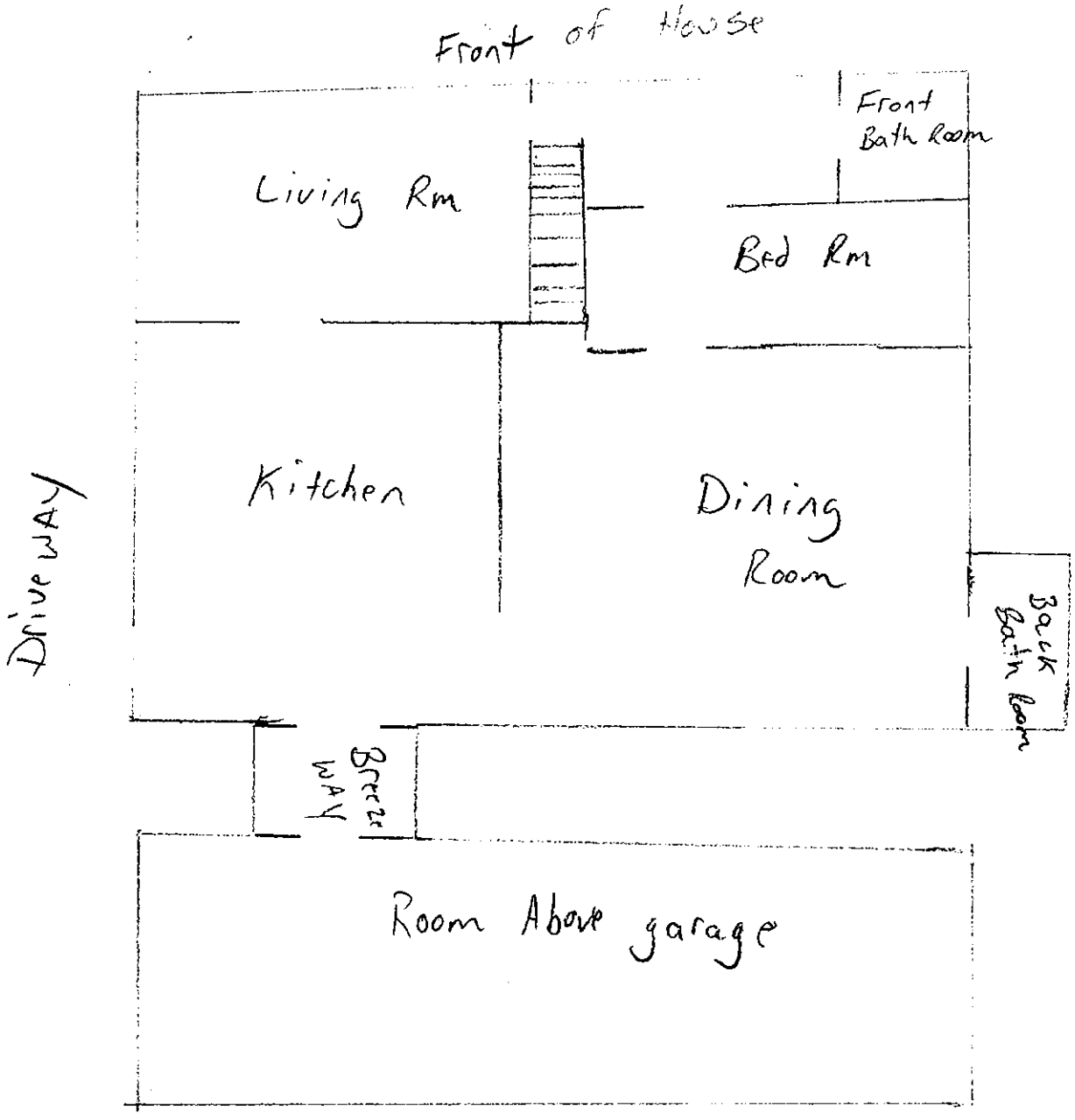
UBFT #1-3

UBRv #1-3

Sh #1-3


WSFT #1-3


Bed Rm #2
Bed Rm. #1
2nd Floor
Bath
Bed Rm #3
Bed Rm. #4


Front of House
Front Bath Room
Living Rm
Bed Rm
Kitchen
Dining Room
Driveway
Back Bath Room
Breezeway
Room Above garage

Positive Material Summary:

- The bottom layer of 12"x 12" floor tile in the kitchen on the driveway side of the house contains greater than 1% asbestos therefore it is asbestos containing material. (40 sq. ft.)

  Samples submitted: 3 Sample Numbers: KBFT #1-3

- The 9"x 9" floor tile in the kitchen, hallway off the kitchen, dining room, and upstairs hallway contains greater than 1% asbestos therefore it is asbestos containing material. (406 sq. ft.) NOTE: is some of these locations the 9"x 9" floor tile that are under other floor coverings.

  Samples submitted: 3 Sample Numbers: FT #1-3

- The 12" x 12" floor tile in the breeze way between the house and the room above the garage contains greater than 1% asbestos therefore it is asbestos containing material. (60 sq. ft.)

  Samples submitted: 3 Sample Numbers: BWFT #1-3

- The 12" x 12" floor tile in the room above the garage contains greater than 1% asbestos therefore it is asbestos containing material. (351 sq. ft.)

  Samples submitted: 3 Sample Numbers: GFT #1-3

- The rolled vinyl floor covering and mastic in the bedroom on the first floor contains greater than 1% asbestos therefore it is asbestos containing material. (88 sq. ft.)

  Samples submitted: 3 Sample Numbers: RV #1-3

- The drywall mud throughout the first floor other than in the back bathroom, and on the walls in the room over the garage contains greater than 1% asbestos therefore it is asbestos containing material. (1,920 sq. ft.)

  Samples submitted: 3 Sample Numbers: DW #1-3

- The bottom layer of floor covering in the upstairs bathroom is rolled vinyl floor covering contains greater than 1% asbestos therefore it is asbestos containing material. (42 sq. ft.)

  Samples submitted: 3 Sample Numbers: UBRV #1-3

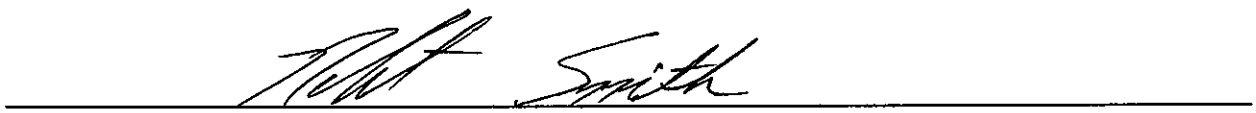
- The 12" x 12" floor tile in the wood working shop in the basement contains greater than 1% asbestos therefore it is asbestos containing material. (162 sq. ft.)

  Samples submitted: 3 Sample Numbers: WSFT # 1-3

Assessment:

The asbestos containing materials listed above are currently non-friable but could become friable upon removal.

License # AI010145



Asbestos inspector