DAVIS & FLOYD

SINCE 1954

November 16, 2021

Mrs. Shealyn Barns Greenwood District 50 1855 Calhoun Road Greenwood, SC 29649

Re: Asbestos Report for 804 Gage Street D&F Job Number: 013948.00

On November 1, 2021 Davis & Floyd, Inc. conducted an asbestos survey at a single-family home located at 804 Gage Street in Greenwood, South Carolina. The home was not occupied at the time of our survey.

The purpose of the survey was to identify suspect asbestos containing materials (ACM's) that may be present in the home. Sampling and analysis conform to the amendments of South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61-86.1 "Standards of Performance for Asbestos Projects", latest edition.

The Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) define materials as asbestos-containing if an asbestos content of greater than one percent (>1%) is detected in a representative sample. Asbestos, in concentrations greater than one percent (>1%), was identified in some of the samples collected.

Field conditions and quantities in this report should be verified prior to performing any asbestos removals. Because of the quantity of material, an Asbestos Project Design is required; this asbestos report does not constitute a "project design". The asbestos report is attached to this letter.

Please do not hesitate to contact us should you have any questions regarding this report at (864)229-5211 or <u>mstevens@davisfloyd.com</u>

Very truly yours,

DAVIS & FLOYD MarbH. Fur

Mark H. Stevens Designer II

> 1319 Highway 72/221, East Greenwood, SC 29649 0. (864) 229-5211 F. (864) 229-7844

> > WWW.DAVISFLOYD.COM



Asbestos Survey for Greenwood School District 50

Final Report – Nov 2021

804 Gage Street

Single-Family Home

D&F Job No. 013948.00

Mrs. Shealyn Barns Greenwood District 50 1855 Calhoun Road Greenwood, SC 29649

PREPARED BY:

Davis & Floyd, Inc. 1319 Highway 72/221 E Greenwood, South Carolina 29649 (864) 229-5211





√ Asbestos Present

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Section 1.0 Asbestos Survey Report

Sub-Section 1.1 Introduction

On November 1, 2021 Davis & Floyd, Inc. conducted an asbestos survey at a single-family home located at **804 Gage Street in Greenwood, South Carolina**. The purpose of this inspection was to locate, and to assess suspect asbestos containing materials (ACM's) and to perform supplemental bulk sampling and analysis to conform to the amendments to South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61-86.1 Standards of Performance for Asbestos Projects effective May 27, 2011, for the purpose of demolition. The home is a single-family dwelling approximately 858 square feet with wood framing and a gabled roof. The home was constructed in or around 1934.

Bulk samples were collected from accessible suspect materials within the facility that were observed, and the samples were subsequently analyzed for asbestos content by an accredited laboratory. The suspect materials observed include: vinyl floor coverings, gypsum board, joint compound (on gypsum bd.), exterior siding (transite), asphalt shingles (roof), asphalt shingles (siding under transite), tar paper, and window glazing.

The Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC), define materials as asbestos containing if an asbestos content of greater than one percent (>1%) is detected in a representative sample. Ten (10) Homogeneous Materials (Areas) were identified throughout the facility, but not all were asbestos containing. The following table identifies the asbestos containing materials (ACM's) as a result of the samples collected (see the Bulk Asbestos Sample Log for results and quantities of material):

| Homo. ID (# of samples) | Homogeneous Material (Cate | Overall Condition ² | Potential for Further Disturbance ³ | |
|-------------------------------|---|-----------------------------------|--|------|
| HM-5 (4) | Joint Compound (on gyp. bd.) – 3,336 sf | Surfacing | F-Good | High |
| HM-6 (3) | Transite Siding – 1,200 sf | Miscellaneous | F-Good | High |

Sub-Section 1.2 Identified Asbestos Containing Materials (ACM):

1-Homogeneous Material (Category): Surf. -Surfacing; Misc.-Miscellaneous; TSI-Thermal System Insulation

²-Overall Condition: (F) - Friable – Good, Fair, Poor; (NF)-Non-Friable – Good, Fair, Poor

³-Potential for Further Disturbance: Low, Medium, High

Category I – Nonfriable asbestos or nonfriable asbestos containing packing, gaskets, and resilient floor covering; and asphalt roofing products containing greater than one present (1%) asbestos as determined using the method specified in 40 CFR Part 763, Appendix E, Subpart E, or an accepted equivalent.

Category II – Any material that cannot when dry, be crumbled, pulverized, or reduced to powder by the forces expected to act upon it in the course of demolition or renovation operations, excluding Category I nonfriable ACM and containing greater than one percent (1%) asbestos as determined using the methods specified in 40 CFR Part 763, Appendix E, Subpart E, or an accepted equivalent.

Sub-Section 1.3 Bulk Sample Results

Representative samples of each suspected homogenous material (area) were randomly collected from locations throughout the facility. According to 40 CFR 763.87, the Environmental Protection Agency defines a material to qualify as "asbestos-containing material" if any sample of the suspect material is found to contain asbestos in concentrations greater than one percent (>1%).

In addition, the South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61.86.1, "Standards of Performance for Asbestos Projects" (May 27, 2011), Section VI-Asbestos Building Inspection Requirements, D. Sampling, paragraph 2.0 states:

1. A licensed asbestos inspector shall collect, in a statistically random manner, at least three bulk samples from each homogeneous material of TSI and any miscellaneous material that is not assumed to be ACM. In accordance with ASTM E2356, and any subsequent amendments and editions, negative results for non-friable organically bound materials (NOB), such as flooring, mastics and roofing shall be verified with at least one TEM analysis.

To meet this requirement, one sample of each non-friable organically bound material (NOB) was sent to an independent lab for Transmission Electron Microscopy (TEM) analysis. The reports from the independent laboratory (licensed to perform TEM analysis) is also included in this report. During the laboratory analysis process, once a sample in a homogeneous area is found to be asbestos containing material (ACM), the remainder of the samples in that homogeneous area may not be analyzed by the laboratory (TEM or PLM).

Sub-Section 1.4 Regulatory Requirements

- Confirmed asbestos containing materials (ACM's) should not be disturbed by untrained personnel. Damaged or ACM in poor condition should be removed or repaired by trained asbestos workers. Confirmed ACM should be periodically inspected.
- Before starting a renovation/demolition project, which involves disturbing the ACM, the ACM should be removed by a licensed asbestos abatement contractor. A copy of this report must be submitted to SCDHEC, along with the demolition license application, ten (10) weekdays prior to renovation / demolition activities.
- Any activity involving the ACM should be in compliance with South Carolina Department of Health and Environmental Control Regulation 61-86.1, "Standards of Performance for Asbestos Projects", latest edition.

Sub-Section 1.5 Regulation (R 61-86.1)

SCDHEC Regulation 61-86.1 "Standards of Performance for Asbestos Projects" may be viewed at the following web address: <u>https://live-sc-dhec.pantheonsite.io/sites/default/files/media/document/R.61-86.1.pdf</u>

Section 2.0 Sample Log with Sample Results

| DAVIS & FLOVD | | Building Name: Building Address: | 804 Gage | Street | Job No. | 1394 | 8.00 | | |
|---|---------------------------------|-------------------------------------|-------------------------|----------------------|--------------------------|---------|---------|-----------|----------|
| $\mathbf{D}F$ | | Dunung Address. | 804 Gage Str | eet | | | | | |
| | | | Greenwood, | SC 29649 | | | | | |
| | CINCE 1054 | Client: | Client: Greenwood Schoo | | Contact: Shealyn | n Barns | | | |
| | SINGE 1934 | Collected By: | Mark Stevens | 8 | | Date: | Novembe | r 1, 2021 | |
| | | BULK ASBE | STOS SAN | IPLE LOG | | | | | |
| Sample | Description of Sampled Material | Sample Lo | ocation | Present Condition | Potential Disturbance | HM I.D. | TEM (Y) | QTY. | Asbestos |
| 804-01 | Vinyl Floor Covering (Type 1) | Kitchen | | NF-Good | Low | 1 | | 144 sf | ND |
| 804-02 | Vinyl Floor Covering (Type 1) | Kitchen | | NF-Good | Low | 1 | | - | ND |
| 804-03 | Vinyl Floor Covering (Type 1) | Kitchen | | NF-Good | Low | 1 | Y | - | ND |
| 804-04 | Vinyl Floor Covering (Type 2) | Living Room | | NF-Good | Low | 2 | | 144 sf | ND |
| 804-05 | Vinyl Floor Covering (Type 2) | Living Room | | NF-Good | Low | 2 | | - | ND |
| 804-06 | Vinyl Floor Covering (Type 2) | Living Room | | NF-Good | Low | 2 | Y | - | ND |
| 804-07 | Vinyl Floor Covering (Type 3) | Bathroom | | NF-Good | Low | 3 | | 72 sf | ND |
| 804-08 | Vinyl Floor Covering (Type 3) | Bathroom | | NF-Good | Low | 3 | | - | ND |
| 804-09 | Vinyl Floor Covering (Type 3) | Bathroom | | NF-Good | Low | 3 | Y | - | ND |
| 804-10 | Gypsum Board | Kitchen | | F-Good | High | 4 | | 3,336 sf | ND |
| 804-11 | Gypsum Board | Bedroom 1 | | F-Good | High | 4 | | - | ND |
| 804-12 | Gypsum Board | Living Room | | F-Good | High | 4 | | - | ND |
| 804-13 | Gypsum Board | Bedroom 2 | | F-Good | High | 4 | | - | ND |
| <mark>804-14</mark> | Joint Compound | Kitchen | | F-Good | High | 5 | | 3,336 sf | 2.00% |
| 804-15 | Joint Compound | Bedroom 1 | | F-Good | High | 5 | | - | NA |
| 804-16 | Joint Compound | Living Room | | F-Good | High | 5 | | - | NA |
| 804-17 | Joint Compound | Bedroom 2 | | F-Good | High | 5 | | - | NA |
| <mark>804-18</mark> | Exterior Siding (tranite) | Exterior | | F-Good | High | 6 | | 1,200 sf | 15.00% |
| 804-19 | Exterior Siding (transite) | Exterior | | F-Good | High | 6 | | - | NA |
| 804-20 | Exterior Siding (transite) | Exterior | | F-Good | High | 6 | | - | NA |
| 804-21 | Asphalt Shingles | Roof | | NF-Good | Low | 7 | | 1,300 sf | ND |
| 804-22 | Asphalt Shingles | Roof | | NF-Good | Low | 7 | | - | ND |
| 804-23 | Asphalt Shingles | Roof | | NF-Good | Low | 7 | Y | - | ND |
| 804-24 | Tar Paper | Roof | Roof | | Low | 8 | | 1,300 sf | ND |
| 804-25 | Tar Paper | Roof | | NF-Good | Low | 8 | | - | ND |
| Davis & Flovd. Inc. I P.O. Drawer 428 I Greenwood, SC 29648 I (864) 229-5211 I Fax (864) 229-7119 | | | | | | | | | |

PC - Good, Fair, Poor PD-Low, Medium, High

ND = No asbestos detected NA = Sample not analyzed PACM = Presumed Asbestos Containing Material

F - Friable

NF-Non-Friable

| Client: Greenwood School Dist. 50 Contact: Shealyn Barns Date: November 1, 2021 Mark Stevens Date: November 1, 2021 BULK ASBESTOS SAMPLE LOG Sample Description of Sampled Material Sample Location Present Condition Offential Disturbance MI LD TEM (Y) QTY. Asbeste 804-20 Tar Paper Roof NF-Good Low 8 Y - ND 804-20 Tar Paper Roof NF-Good Low 9 1,200 sf ND 804-20 Asphalt Stding Exterior (under transite siding) NF-Good Low 9 Y - ND 804-23 Asphalt Stding Exterior Windows NF-Good Low 9 Y - ND 804-30 Window Glazing Exterior Windows NF-Good Low 10 10 windows ND 804-31 Window Glazing Exterior Windows NF-Good Low 10 Y - ND 804-32 Window Glazing Exterior Windows NF-Good Low 10 Y <th>DA</th> <th>VIS & FLOYD</th> <th>Building Name: Building Address:</th> <th>804 Gage S Single-Family 804 Gage Stre</th> <th>treet Home et</th> <th>Job No.</th> <th>1394</th> <th>8.00</th> <th></th> <th></th> | DA | VIS & FLOYD | Building Name: Building Address: | 804 Gage S Single-Family 804 Gage Stre | treet Home et | Job No. | 1394 | 8.00 | | |
|--|------------|---------------------------------|-------------------------------------|--|----------------------|---------------------------|---------|---------|------------|----------|
| SINCE 1954 Collected By: Mark Stevens Date: November 1, 2021 BULK ASBESTOS SAMPLE LOG Sample Description of Sampled Material Sample Location Present Onition Disturbance HM LD. FEM (Y) QTY. Asbesto 804-26 Tar Paper Roof NF-Good Low 9 1,200 sf ND 804-27 Asphalt Siding Exterior (under transite siding) NF-Good Low 9 - ND 804-28 Asphalt Siding Exterior (under transite siding) NF-Good Low 9 - ND 804-23 Asphalt Siding Exterior (under transite siding) NF-Good Low 9 - ND 804-30 Window Glazing Exterior Windows NF-Good Low 10 10 windows ND 804-31 Window Glazing Exterior Windows NF-Good Low 10 - ND 804-32 Window Glazing Exterior Windows NF-Good Low 10 Y - ND 804-32 Window Glazing Exterior Windows NF-Good Low 10 Y - ND 804-32 Window Glazing Exterior Windows NF-Go | | | Client: | Greenwood Sc | hool Dist 50 | Contact: Shealyn | Barns | | | |
| Bulk ASBESTOS SAMULT LOC Sample Description of Sampled Material Sample Location Present Condition Potential Disturbance HM LD. TEM (V) QTV. Asbesto 804-20 Tar Paper Roof NP-Good Low 8 Y . ND 804-27 Asphalt Siding Exterior (under transite siding) NF-Good Low 9 L 0 . ND 804-28 Asphalt Siding Exterior (under transite siding) NF-Good Low 9 Y . ND 804-28 Asphalt Siding Exterior Windows NF-Good Low 9 Y . ND 804-30 Window Glazing Exterior Windows NF-Good Low 10 IO . ND 804-31 Window Glazing Exterior Windows NF-Good Low 10 Y . ND 101 Y . ND . . . ND 102 Indow Glazing Exterior Wi | SINCE 1954 | | Collected By: | Mark Stevens | noor Dist. oo | _ contact. <u>bicaryn</u> | Date: | Novembe | er 1, 2021 | |
| SampleDescription of Sampled MaterialSample LocationPresent ConditionPotential DisturbanceHM LD.TEM (Y)QTY.Asbesto804-26Tar PaperRoofNF-GoodLow8Y-ND804-27Asphalt SidingExterior (under transite siding)NF-GoodLow91.200 sfND804-28Asphalt SidingExterior (under transite siding)NF-GoodLow9Y-ND804-29Asphalt SidingExterior (under transite siding)NF-GoodLow9Y-ND804-30Window GlazingExterior WindowsNF-GoodLow1010 windowsND804-31Window GlazingExterior WindowsNF-GoodLow1010 windowsND804-32Window GlazingExterior WindowsNF-GoodLow10Y-ND804-32Window GlazingExterior WindowsNF-GoodLow10Y-ND804-31Window GlazingExterior WindowsNF-GoodLow10Y-ND804-32Window GlazingExterior WindowsNF-GoodLow10Y-ND804-30Window GlazingExterior WindowsNF-GoodLow10Y-ND804-31Window GlazingExterior WindowsNF-GoodLow10Y-ND804-32Window GlazingExterior WindowsNF-GoodLow1 | | | BULK ASBE | STOS SAM | PLE LOG | | | | | |
| 804-26Far PaperRoofNF-GoodLow8Y.ND804-27Asphalt SidingExterior (under transite siding)NF-GoodLow91.200 sfND804-28Asphalt SidingExterior (under transite siding)NF-GoodLow9Y.ND804-29Asphalt SidingExterior (under transite siding)NF-GoodLow9Y.ND804-30Window GlazingExterior (under transite siding)NF-GoodLow10V.ND804-31Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10Y <th>Sample</th> <th>Description of Sampled Material</th> <th>Sample Lo</th> <th>ocation</th> <th>Present Condition</th> <th>Potential Disturbance</th> <th>HM I.D.</th> <th>TEM (Y)</th> <th>QTY.</th> <th>Asbestos</th> | Sample | Description of Sampled Material | Sample Lo | ocation | Present Condition | Potential Disturbance | HM I.D. | TEM (Y) | QTY. | Asbestos |
| 804-27Asphalt SidingExterior (under transite siding)NF-GoodLow91.200 sfND804-28Asphalt SidingExterior (under transite siding)NF-GoodLow9Y-ND804-29Asphalt SidingExterior (under transite siding)NF-GoodLow10V10 windowsND804-30Window GlazingExterior WindowsNF-GoodLow10V10 windowsND804-31Window GlazingExterior WindowsNF-GoodLow10V-ND804-32Window GlazingExterior WindowsNF-GoodLow10V-ND804-31Window GlazingExterior WindowsNF-GoodLow100Y-ND804-32Window GlazingExterior WindowsNF-GoodLow100Y-ND804-31Window GlazingExterior WindowsNF-GoodLow100Y-ND804-32Window GlazingExterior WindowsNF-GoodLow100Y-ND804-31Window GlazingExterior WindowsNF-GoodLow100Y-ND804-32Window GlazingExterior WindowsNF-GoodLow100 <td< td=""><td>804-26</td><td>Tar Paper</td><td>Roof</td><td></td><td>NF-Good</td><td>Low</td><td>8</td><td>Y</td><td>-</td><td>ND</td></td<> | 804-26 | Tar Paper | Roof | | NF-Good | Low | 8 | Y | - | ND |
| 804-28Asphalt SidingExterior (under transite siding)NF-GoodLow9V·ND804-29Asphalt SidingExterior (under transite siding)NF-GoodLow90Y·ND804-30Window GlazingExterior WindowsNF-GoodLow10VVND804-31Window GlazingExterior WindowsNF-GoodLow10VNDND804-32Window GlazingExterior WindowsNF-GoodLow10Y·ND804-32Window GlazingExterior WindowsNF-GoodLow10Y·ND804-31Window GlazingExterior WindowsNF-GoodLow10Y·ND804-32Window GlazingExterior WindowsNF-GoodLow10Y·ND804-31Window GlazingExterior WindowsNF-GoodLow10Y·ND804-32Window GlazingExterior WindowsNF-GoodLow10Y·ND804-32Window GlazingExterior WindowsNF-GoodLow10Y·ND804-32Mindow GlazingExterior WindowsNF-GoodLow10Y·ND804-32Mindow GlazingExterior WindowsNF-GoodLowIIIIIIIIIIIIIIIIIIIII </td <td>804-27</td> <td>Asphalt Siding</td> <td>Exterior (under tran</td> <td>site siding)</td> <td>NF-Good</td> <td>Low</td> <td>9</td> <td></td> <td>1,200 sf</td> <td>ND</td> | 804-27 | Asphalt Siding | Exterior (under tran | site siding) | NF-Good | Low | 9 | | 1,200 sf | ND |
| 804-29Asphalt SidingExterior (under transite siding)NF-GoodLow9YND804-30Window GlazingExterior WindowsNF-GoodLow10IOND804-31Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Window GlazingExterior WindowsNF-GoodLow10YND804-32Mindow GlazingExterior WindowsNF-GoodLow10YND804-32Mindow GlazingExterior WindowsNF-GoodLow10YND804-32Mindow GlazingGlazingGlazingInfoInfoInfoInfoInfoInfo804-32Mindow GlazingGlazingGlazingGlazingInfoInfoInfoInfoInfoInfo804-32Mindow GlazingGlazingGlazingGlazingGlazingInfoInfoInfoInfoInfoInfo804-80GlazingGlazingGlazingGlazing< | 804-28 | Asphalt Siding | Exterior (under tran | site siding) | NF-Good | Low | 9 | | - | ND |
| 804-30Window GlazingExterior WindowsNF-GoodLow1010ND804-31Window GlazingExterior WindowsNF-GoodLow10Y.ND804-32Window GlazingExterior WindowsNF-GoodLow10Y.ND804-32Mindow GlazingExterior WindowsNF-GoodLow10YND804GalaineGalaineGalaineGalaineGalaine< | 804-29 | Asphalt Siding | Exterior (under tran | site siding) | NF-Good | Low | 9 | Y | - | ND |
| 804-31Window GlazingExterior WindowsNF-GoodLow10··ND804-32Window GlazingExterior WindowsNF-GoodLow10Y··ND804-32Window GlazingExterior WindowsNF-GoodLow10Y··ND804-32Window GlazingExterior WindowsNF-GoodLow10Y··ND804-32Mindow GlazingExterior WindowsNF-GoodLow10Y··ND804-32Mindow GlazingExterior WindowsNF-GoodLow10Y··ND804-31Mindow GlazingExterior WindowsNF-GoodLow10Y··ND804-32Mindow GlazingExterior WindowsNF-GoodIow | 804-30 | Window Glazing | Exterior Windows | | NF-Good | Low | 10 | | 10 windows | ND |
| 804-32Window GlazingExterior WindowsNF-GoodLow10Y.NDImage: Second Secon | 804-31 | Window Glazing | Exterior Windows | | NF-Good | Low | 10 | | - | ND |
| Image: series of the series | 804-32 | Window Glazing | Exterior Windows | | NF-Good | Low | 10 | Y | - | ND |
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| | | | | | | | | | | |

F - FriableNF-Non-FriablePC - Good, Fair, PoorPD-Low, Medium, HighND = No asbestos detectedNA = Sample not analyzedPACM = Presumed Asbestos Containing Material

Section 3.0 Laboratory Analysis Reports

Davis & Floyd, Inc. D&F Job No. 013948.00 Nov 2021



Attention: Mark Stevens

Project: 01394800

Davis & Floyd P.O. Drawer 428 Greenwood, SC 29648

706 Gralin Street Kernersville, NC 27284 Tel/Fax: (336) 992-1025 / (336) 992-4175 http://www.EMSL.com / greensborolab@emsl.com
 EMSL Order:
 022108061

 Customer ID:
 DAVI57

 Customer PO:
 01394800

 Project ID:

| Phone: | (864) 229-5211 |
|-----------------|---------------------|
| Fax: | (864) 229-7119 |
| Received Date: | 11/03/2021 12:15 PM |
| Analysis Date: | 11/08/2021 |
| Collected Date: | 11/01/2021 |
| | |

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| | | Non-Asbestos | | | Asbestos |
|-----------------|--------------------------------|--------------------------------------|---------------------------|--------------------------|---------------|
| Sample | Description | Appearance | % Fibrous | % Non-Fibrous | % Туре |
| 804-01-Flooring | Vinyl Flooring @ Kitchen | Gray/Tan Fibrous Homogeneous | 20% Cellulose 3% Glass | 77% Non-fibrous (Other) | None Detected |
| 804-01-Mastic | Vinyl Flooring @ Kitchen | Tan/Beige Non-Fibrous | 2% Cellulose <1% Glass | 98% Non-fibrous (Other) | None Detected |
| 022108061-0001A | | Homogeneous | | | |
| 804-02-Flooring | Kitchen | vvnite Fibrous Heterogeneous | 3% Glass | 82% Non-fibrous (Other) | None Detected |
| 804-02-Mastic | Vinyl Flooring @ Kitchen | Yellow Non-Fibrous | | 100% Non-fibrous (Other) | None Detected |
| 022108061-0002A | | Homogeneous | | | |
| 804-04-Flooring | Vinyl Flooring @ Living Rm. | Brown/Gray Fibrous Homogeneous | 20% Cellulose 2% Glass | 78% Non-fibrous (Other) | None Detected |
| 804.04 Montin | | Vollow/Poigo | | 100% Non fibrous (Othor) | None Detected |
| 022108061-0004A | Living Rm. | Non-Fibrous Homogeneous | | | None Delected |
| 804-05-Flooring | Vinyl Flooring @ Living Rm. | Brown/Gray Fibrous | 15% Cellulose 3% Glass | 82% Non-fibrous (Other) | None Detected |
| 022108061-0005 | - | Heterogeneous | | | |
| 804-05-Mastic | Vinyl Flooring @ Living Rm. | Yellow/Beige Non-Fibrous | | 100% Non-fibrous (Other) | None Detected |
| 022108061-0005A | | Homogeneous | | | |
| 804-07 | Vinyl Flooring @ Bathroom | Brown/Ian Fibrous Homogeneous | 65% Cellulose | 35% Non-fibrous (Other) | None Detected |
| 804-08-Elooring | Vinyl Flooring @ | Brown/Tan | 65% Cellulose | 35% Non-fibrous (Other) | None Detected |
| 022108061-0008 | Bathroom | Fibrous Heterogeneous | | | |
| 804-08-Mastic | Vinyl Flooring @ Bathroom | Yellow Non-Fibrous | | 100% Non-fibrous (Other) | None Detected |
| 022108061-0008A | | Homogeneous | | | |
| 804-10 | Gypsum Board @ Kitchen | Gray Fibrous Heterogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| 904 11 | Curpour Board @ | Crov | | 02% Non fibrous (Othor) | None Detected |
| 022108061-0011 | Bedroom | Non-Fibrous Homogeneous | 8% Cellulose | 92% Non-hbrous (Other) | None Delected |
| 804-12 | Gypsum Board @ | Gray | 8% Cellulose | 92% Non-fibrous (Other) | None Detected |
| 022108061-0012 | | Heterogeneous | | | |
| 804-13 | Gypsum Board @ Bedroom | Gray Non-Fibrous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| 022108061-0013 | | Heterogeneous | | | |
| 804-14 | Joint Compound @ Kitchen | Tan Non-Fibrous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| | | nomogeneous | | | |



EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284 Tel/Fax: (336) 992-1025 / (336) 992-4175 http://www.EMSL.com / greensborolab@emsl.com
 EMSL Order:
 022108061

 Customer ID:
 DAVI57

 Customer PO:
 01394800

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| | | | Non-Asbes | stos | Asbestos |
|----------------|------------------------|---------------------------------|---------------|---|------------------------------|
| Sample | Description | Appearance | % Fibrous | % Non-Fibrous | % Туре |
| 804-15 | Joint Compound @ BR | | | | Positive Stop (Not Analyzed) |
| 022108061-0015 | | | | | |
| 804-16 | Joint Compound @ LR | | | | Positive Stop (Not Analyzed) |
| 022108061-0016 | | | | | |
| 804-17 | Joint Compound @ BR | | | | Positive Stop (Not Analyzed) |
| 022108061-0017 | | | | | |
| 804-18 | Exterior Siding | Gray Fibrous | | 85% Non-fibrous (Other) | 15% Chrysotile |
| 022108061-0018 | | Homogeneous | | | |
| 804-19 | Exterior Siding | | | | Positive Stop (Not Analyzed) |
| 022108061-0019 | | | | | |
| 804-20 | Exterior Siding | | | | Positive Stop (Not Analyzed) |
| 022108061-0020 | | | | | |
| 804-21 | Asphalt Roof Shingles | Black/Green Fibrous | 15% Cellulose | 85% Non-fibrous (Other) | None Detected |
| 022108081-0021 | | Helelogeneous | | | |
| 804-22 | Asphalt Roof Shingles | Black/Green Fibrous | 15% Cellulose | 85% Non-fibrous (Other) | None Detected |
| 022108001-0022 | Tan Dana an | Disale | 05% 0 - 11-1 | | News Detected |
| 804-24 | Tar Paper | Black Fibrous | 65% Cellulose | 35% Non-fidrous (Other) | None Detected |
| 022108001-0024 | | Tiomogeneous | 050(0, 11, 1 | | |
| 804-25 | Tar Paper | Black Fibrous Homogeneous | 65% Cellulose | 35% Non-fidrous (Other) | None Detected |
| 804-27 | Asphalt Siding | Tan/Black | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 022108061-0027 | | Homogeneous | | | |
| 804-28 | Asphalt Siding | Tan/Black | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| 022108061-0028 | | Homogeneous | | | |
| 804-30 | Window Glazing | Gray/White Non-Fibrous | | 10% Ca Carbonate 90% Non-fibrous (Other) | None Detected |
| 022108061-0030 | | Homogeneous | | | |
| 804-31 | Window Glazing | Gray/White Non-Fibrous | | 10% Ca Carbonate 90% Non-fibrous (Other) | None Detected |
| 022108061-0031 | | Homogeneous | | | |



EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284 Tel/Fax: (336) 992-1025 / (336) 992-4175 http://www.EMSL.com / greensborolab@emsl.com EMSL Order: 022108061 Customer ID: DAVI57 Customer PO: 01394800 Project ID:

Analyst(s)

Bobby Wheatley (11) Cameron Evans (14)

Stephen Bennett, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, Virginia 3333-000228, West Virginia LT000321

Initial report from: 11/09/2021 14:33:31



706 Gralin Street Kernersville, NC 27284 Tel/Fax: (336) 992-1025 / (336) 992-4175 http://www.EMSL.com / greensborolab@emsl.com EMSL Order: 022108061 Customer ID: DAVI57 Customer PO: 01394800 Project ID:

 Phone:
 (864) 229-5211

 Fax:
 (864) 229-7119

 Received Date:
 11/03/2021 12:15 PM

 Analysis Date:
 11/09/2021

 Collected Date:
 11/01/2021

Project: 01394800

Attention: Mark Stevens

Davis & Floyd

P.O. Drawer 428

Greenwood, SC 29648

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

| Sample ID | Description | Appearance | % Matrix Material | % Non-Asbestos Fibers | Asbestos Types |
|-----------------|--------------------------|---------------|-------------------|-----------------------|----------------------|
| 804-03 | Vinyl Flooring @ Kitchen | Beige | 100.0 Other | None | No Asbestos Detected |
| 022108061-0003 | | Fibrous | | | |
| | | Heterogeneous | | | |
| 804-06-Flooring | Vinyl Flooring @ Living | Brown/Green | 100.0 Other | None | No Asbestos Detected |
| 022108061-0006 | Rm. | Fibrous | | | |
| | | Heterogeneous | | | |
| 804-06-Mastic | Vinyl Flooring @ Living | Yellow | 100.0 Other | None | No Asbestos Detected |
| 022108061-0006A | Rm. | Non-Fibrous | | | |
| | | Homogeneous | | | |
| 804-09-Flooring | Vinyl Flooring @ | Beige | 100.0 Other | None | No Asbestos Detected |
| 022108061-0009 | Bathroom | Fibrous | | | |
| | | Heterogeneous | | | |
| 804-09-Mastic | Vinyl Flooring @ | Brown | 100.0 Other | None | No Asbestos Detected |
| 022108061-0009A | Bathroom | Non-Fibrous | | | |
| | | Homogeneous | | | |
| 804-23 | Asphalt Roof Shingles | Black | 100.0 Other | None | No Asbestos Detected |
| 022108061-0023 | | Fibrous | | | |
| | | Homogeneous | | | |
| 804-26 | Tar Paper | Black | 100.0 Other | None | No Asbestos Detected |
| 022108061-0026 | | Fibrous | | | |
| | | Homogeneous | | | |
| 804-29 | Asphalt Siding | Brown/Black | 100.0 Other | None | No Asbestos Detected |
| 022108061-0029 | | Fibrous | | | |
| | | Homogeneous | | | |
| 804-32 | Window Glazing | Gray/White | 100.0 Other | None | No Asbestos Detected |
| 022108061-0032 | | Non-Fibrous | | | |
| | | Homogeneous | | | |

Analyst(s)

Stephen Bennett (9)

In his

Stephen Bennett, Laboratory Manager or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from: 11/09/2021 14:33:29

| EMBL | Asbestos La | b Services | | stody Kernersy 706 Gra Kernersy | ville, NC Iin Street ville, NC 27284 | | |
|----------------------------|-------------------------------|---------------------------|------------------------------|---------------------------------------|--|--|--|
| BASEL ANALYTICAL INC. | | 8061 | | PHONE FAX. (33 | . (336) 992-1025 36) 992-4175 | | |
| Company: DAVIS & | FLOYD, INC | | EMSL-Bill to: Same Different | | | | |
| Street: P O. DRAWE | R 428 | | Third Party Billing re | quires written authoriza | ation from third party | | |
| City/State/Zip: GRE | ENWOOD, SC 2964 | 8 | | | | | |
| Report To (Name): M | MARK STEVENS | | Fax: (864) 229-7844 | | | | |
| Telephone: (864) 229 | 9-5211 | | Email Address: ms | tevens@davisfloyd o | com | | |
| Project Name/Numb | er: 0139480 | <u></u> | | | | | |
| Please Provide Resu | Its: Email Purch | nase Order: SAN | /E State San | nples Taken: SC | | | |
| | Tum Iour 74 Hour | around Time (TAT) | Options* – Please Che | ck | Week | | |
| "For TEM Air 3 hours/6 hou | irs, please call ahead to sch | edule.*There is a premiui | n charge for 3 Hour TEM AH | ERA or EPA Levent TAT | You will be asked to sign | | |
| an authorization for | m for this service. Analysis | TEM – Air 4-4. | 5hr TAT (AHERA only) | TEM-Dust | ucal Price Guide | | |
| NIOSH 7400 | | AHERA 40 CFF | R, Part 763 | Microvac - ASTM | D 5755 | | |
| w/ OSHA 8hr. TWA | | NIOSH 7402 | | 🛛 🗌 Wipe - ASTM D64 | 180 | | |
| PLM - Bulk (reporting) | limit) | 🔲 EPA Level II | | Carpet Sonication | (EPA 600/J-93/167) | | |
| PLM EPA 600/R-93/ | 116 (<1%) | SO 10312 | \sim | Soil/Rock/Vermiculi | te | | |
| PLM EPA NOB (<1% | 6) | TEM - Bulk | (-) | DLM CARB 435 - | A (0.25% sensitivity) | | |
| Point Count | | | (x) | PLM CARB 435 - | B (0 1% sensitivity) | | |
| []] 400 (<0.25%) []] 100 | 00 (<0.1%) | NYS NOB 198.4 | (non-friable-NY) | TEM CARB 435 - | B (0.1% sensitivity) | | |
| Point Count w/Gravimet | ric | LI Chatfield SOP | 5 501 and 0 5 | | C (0.01% sensitivity) | | |
| | - NNO | | JOO D | EPA Protocol (Semi-Quantitative) | | | |
| | n IVI) or friable NV) | Fibers 10um | Waste Drinking | Other: | | | |
| | | All Fiber Sizes | Waste 🗍 Drinking | | | | |
| | Check For P | ositive Stop - Cle | arly Identify Homoge | enous Group | | | |
| Samulan Namu | ark H. Stevens | | Samplam Signatura | <u>.</u> | | | |
| Samplers Name: | | | Samplers Signature. | Volume/Area (Air) | Date/Time | | |
| Sample # | | Sample Description | | HA # (Bulk) | Sampled | | |
| 804-01 | VINYL FLOOR | ING O KI | TCHER | ļ l | 11-1-2 | | |
| 802-02 | <u>n</u> | · · · · | | | | | |
| 04-03 | <u></u> <u>t</u>] | į, | | (| | | |
| 64-04 | VINYL FLUO | ang (a Lin | ING RM. | <u></u> | | | |
| 804-05 | 0 | ٩٠ | . | - | | | |
| 204-06 | ۱ . | ! | | ~ ~ | | | |
| 81A-07 | VINYL FLO | KING / U BA | THRURI | 4 | | | |
| 23-203 | 11 | · · · · · · · | 1 | 71 | | | |
| Client Sample # (s): | 1.101 | | | Total # of Samples: | 72 | | |
| Relinquished (Client): | Maption | Date: | 1-1-21 | Time | : 1500 | | |
| Received (Lab): | | Date: | 1131 | 21 Time | 12:15 | | |
| Comments/Special I | nstructions: | | | | | | |
| | U | £S | 124121 | 12035 | 414701 | | |
| Controlled Document – Asbe | stos Lab Services COC – A1.0 | - 11/23/2009 Page 1 of | Pages | | | | |

| | Asbestos Lab Services Chain of Cus EMSL Order Number(Lab Use Only): | tody Kernersv 705 Gral Kernersv | rille, NC in Street rille, NC 27284 |
|--------------------------|--|---------------------------------------|---|
| ETASL AWALY FICAL, INC | <u> </u> | PHONE: FAX: (33 | (336) 992-1025 6) 992-4175 |
| Sample # | Sample Description | Volume/Area (Air) HA # (Bulk) | Date/Time Sampled |
| 1004-09 | NIMYL FLOGRIMALO MATHERONN | 1 > | 11-1-2/ |
| 204-10 | GYPSUNI BUARD U KAUGERI | 4 | |
| Eca-11 | 6 RED ROUNI | 4 | |
| E04-12 | LINING FAI. | 4 | |
| E04-13 | (GEDRODAN | - | |
| 807-14 | JOINT CONTRUND COKIT. | 5 | |
| 214.15 | 1 CBR | 5 | |
| 804-16 | " OLR | 5 | |
| 804-17 | i (o Br | 5 | |
| w-+- 18 | EXTERIOR SIDING | 4 | |
| 804-19 | 1) | k | |
| 814-20 | a ' | - V | |
| MUA - 21 | 1-YEAR INVE MONTET | | |
| 804-22 | | ī | |
| 54 27 | | Î | |
| SUA.24 | TAR PAPERI | 3 |] |
| Comments/Specia | I Instructions: | | |
| | | | |
| Controlled Document – As | shestos Lab Services COC - A1 0 - 11/23/2009 | | |

Page $\frac{2}{2}$ of $\frac{3}{2}$ Pages

| | Asbestos Lab Services Chain of Cus EMSL Order Number(Lab Use Only): | stody Kernersv 706 Grafi Kernersv | ille, NC in Street ille, NC 27284 |
|---|--|---|---|
| EMEL ANALYTICAL, INC. , an mapping composition of the transmis | 80(0) | FAX ⁺ (33 | (556) 992-1025 6) 992-4175 |
| Sample # | Sample Description | Volume/Area (Air) HA # (Bulk) | Date/Time Sampled |
| 804-25 | TAR PAPERI | E | 11-1-21 |
| 804-24 | | 8 | 1 |
| 804-27 | ASPLACE SIGING | 9 | |
| 80A-2B | , r | ŋ | |
| 804-24 | 55 - S.S. | U) | |
| 804- 20 | VINDOVI GLAZIMU | 10 | |
| 804-71 | • | 10 | |
| B04-22 | ·., | 10 | \$ |
| | | | |
| | | | |
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| | | | |
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| | | | |
| | | | |
| | | | |
| Comments/Special | Instructions: | <u>ــــــــــــــــــــــــــــــــــــ</u> | |
| | | | |
| Controlled Document Asi | bestos Lab Services COC – A1.0 – 11/23/2009 Page $\underline{\mathcal{H}}$ of $\underline{\mathcal{H}}$ Pages | | |

Section 4.0 Copy of Applicable Inspector Asbestos Licenses

COPY OF APPLICABLE ASBESTOS LICENSES

Building Inspector:

Marb H. Date: 11-01-2021

Mark H. Stevens Davis & Floyd, Inc. Environmental Services SCDHEC License No. ASB-22192 (exp. 11/16/21)



Section 5.0 Sample Location Plan & Photographs



Asbestos joint compound on gypsum board

Asbestos joint compound on gypsum board

Asbestos joint compound on gypsum board

Asbestos joint compound on gypsum board

Asbestos joint compound on gypsum board

Asbestos exterior siding (transite)

End of Report