

# MISSISSIPPI ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM

Mail notification to: MDEQ Asbestos and Lead Branch, 515 E. Amite Street, Jackson, MS 39201

|  |  |                                    |  |                  |
|--|--|------------------------------------|--|------------------|
| <b>MDEQ Use Only:</b><br><input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail <input type="checkbox"/> Hand Delivery  |  | <b>Postmark (mail only)</b>        | <b>Date Received</b><br>5/29/2025      | <b>AI Number</b> |
| <b>I. Type of Notification</b> (O=Original R=Revised C=Canceled A= Annual): O  |  |                                    |  |                  |
| <b>II. TYPE OF OPERATION</b> (D=Demo O= Ordered Demo R=Renovation E=Emer. Renovation): D ( SASI will only perform Abatement)   |  |                                    |  |                  |
| <b>III. FACILITY DESCRIPTION</b> (Include building name, number and floor or room number): Proposed Dollar General Site  |  |                                    |  |                  |
| Bldg. Name: Former Residence - Proposed Dollar General Site  |  |                                    |  |                  |
| Address: 1082 Cold Springs Road  |  |                                    |  |                  |
| City: Collins  |  | State: MS                          | Zip: 39428                             |                  |
| Site Location: Former Residence  |  |                                    | Tel:                                   |                  |
| Building Size: 1,300 SF  |  | # of Floors: 1                     | Age in Years: 75                       |                  |
| Present Use: Vacant  |  | Prior Use: Residence               |  |                  |
| <b>IV. FACILITY INFORMATION</b> (Identify owner, asbestos removal contractor, and other operator)  |  |                                    |  |                  |
| OWNER NAME: Dorsey Development, LLC  |  |                                    |  |                  |
| Address: 3636 N. Causeway Blvd. , Suite 200  |  |                                    |  |                  |
| City: Metairie   |  | State: LA                          | Zip: 70002                             |                  |
| Contact: Chase Davis   |  |                                    | Tel: 504-593-0400                      |                  |
| ASBESTOS REMOVAL CONTRACTOR: Specialty Abatement Services, Inc.  |  |                                    |  |                  |
| Address: PO Box 15925  |  |                                    |  |                  |
| City: Hattiesburg  |  | State: MS                          | Zip: 39404                             |                  |
| Contact: William Stamps  |  |                                    | Tel: 601-264-5550                      |                  |
| Certification Number: ABC-00001660   |  |                                    | Expiration Date: 2/7/2026              |                  |
| OTHER OPERATOR: Owner  |  |                                    |  |                  |
| Address:   |  |                                    |  |                  |
| City:  |  | State:                             | Zip:                                   |                  |
| Contact:   |  |                                    | Tel:                                   |                  |
| <b>V. WAS SITE INSPECTED TO DETERMINE PRESENCE OF ASBESTOS?</b> (Yes/No): Yes  |  |                                    |  |                  |
| WAS ASBESTOS PRESENT? (Yes/No): Yes  |  |                                    | Inspection Date: 9/13/24               |                  |
| Inspector: Tal Patridge  |  | Certification Number: ABI-00011381 | Expiration Date: 11/1/24 9/10/2025     |                  |
| <b>VI. SUSPECT MATERIALS SAMPLED AND PROCEDURES USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:</b><br>Floor Tile ( 2 types ), Mastic (black & yellow) , Drywall w/ joint Cmpd, Textured Ceilings, Window Glazing, Caulk, Roofing materials. These materials were sampled using bulk sampling. These samples were analyzed by PLM at eurofins laboratory in Fort Mill, SC. |  |                                    |  |                  |
| <b>VII. QUANTITY OF RACM TO BE REMOVED:</b>  |  |                                    |  |                  |
| Pipes (LN FT):   |  | Surface Area (SQ FT): 6,175 SF     | Volume of Facility Components (CU FT): |                  |
| <b>VIII. QUANTITY OF NONFRIABLE ASBESTOS NOT REMOVED:</b>  |  |                                    |  |                  |
| Category I:  |  |                                    | Category II:                           |                  |
| <b>IX. SCHEDULED DATES ASBESTOS REMOVAL</b> (MM/DD/YY) Start: 5/12/2025  |  |                                    | Complete: 5/30/2025                    |                  |
| <b>X. SCHEDULED DATES DEMO/RENOVATION</b> (MM/DD/YY) Start: 5/12/2025  |  |                                    | Complete: 5/30/2025                    |                  |

**XI. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:**

Flooring, Drywall, Texture & Window Glazing will be removed using wet , manual methods. Prior to demolition by others.

**XII. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE:**

ACM will be removed using wet , manual methods.  
Waste will be placed in a properly lined container for disposal.

**XIII. WASTE TRANSPORTER #1**

Name: Specialty Abatement Services, Inc.

Address: PO Box 15925

City: Hattiesburg

State: MS

Zip: 39404

Contact Person: William H. Stamps

Tel: 601-264-5550

**WASTE TRANSPORTER #2**

Name:

Address:

City:

State:

Zip:

Contact Person:

Tel:

**XIV. WASTE DISPOSAL SITE**

Name: Pine Belt Regional Landfill

Address: Hwy 29 N.

City: Runnelstown

State: MS

Zip: 39465

Contact Person: James A. "Tony" Harrison, MBA

Tel: 601-545-6676

**XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:**

Name:

Title:

Authority:

Date of Order (MM/DD/YY):

Date Ordered to Begin (MM/DD/YY):

**XVI. FOR EMERGENCY RENOVATIONS:**

Date and Hour of Emergency (MM/DD/YY):

Description of the sudden unexpected event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

**XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:**

All work will stop. MDEQ will be notified.

**XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ONSITE DURING THE DEMOLITION OR RENOVATION, AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.**

Anthony Bryant

Type or Print Name

(Signature of Owner/Operator)

4/29/2025

(Date)

**XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT:**

Anthony Bryant

Type or Print Name

(Signature of Owner/Operator)

4/29/2025

(Date)

# ASBESTOS SURVEY



PROPOSED DOLLAR GENERAL - COLLINS, MS

1090 AND 1082 COLD SPRINGS ROAD  
COLLINS, MISSISSIPPI 39428

ECS PROJECT NO. 49:23809-A

FOR: DORSEY DEVELOPMENT, LLC

SEPTEMBER 20, 2024





Geotechnical • Construction Materials • Environmental • Facilities

"One Firm. One Mission."

September 20, 2024

Mr. Greg Bivin  
Dorsey Development, LLC  
3636 N. Causeway, Suite 200  
Metairie, Louisiana 70002  
gregb@dorseydevelopment.com

ECS Project No. 49:23809-A

Reference: Asbestos Survey, Proposed Dollar General - Collins, MS, 1090 and 1082 Cold Springs Road, Collins, Mississippi

Dear Mr. Bivin:

ECS Southeast, LLC (ECS) is pleased to provide Dorsey Development, LLC with the results of the above referenced Asbestos Survey performed at the Proposed Dollar General - Collins, MS site located at 1090 and 1082 Cold Springs Road in Collins, Mississippi. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 49:46073P and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Dorsey Development, LLC with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Southeast, LLC

Tal Partridge  
Environmental Senior Project Manager  
tpartridge@ecslimited.com  
205-588-5099

Lindsey Thompson, REM  
Environmental Principal  
lthompson@ecslimited.com  
864-987-1810

133 West Oxmoor Road, Birmingham, Alabama 35209 • T:205-588-5099

ECS Florida, LLC • ECS Mid-Atlantic LLC • ECS Midwest, LLC • ECS Pacific, Inc. • ECS Southeast, LLC • ECS Southwest, LLP  
ECS New York Engineering, PLLC - An Associate of ECS Group of Companies • ecslimited.com

"ONE FIRM. ONE MISSION."

## EXECUTIVE SUMMARY

The subject property is improved with a commercial and residential structure located at 1090 and 1082 Cold Springs Road, in Collins, Covington County, Mississippi, respectively. The structures consist of a combined 8,405 square feet and were reportedly constructed in the early 1950s and 2011. At the time of our survey, the subject buildings were vacant and are currently scheduled to be demolished.

The purpose of the survey was to determine whether asbestos-containing materials (ACMs) are present on the subject property. The survey was performed within interior and exterior areas of the subject buildings as well as the roofs.

### Asbestos Survey

On September 13, 2024, Mr. Tal Partridge, a Mississippi state-certified inspector, performed the asbestos assessment. Bulk samples were submitted to Eurofins CEI in Fort Mill, South Carolina for analysis via Polarized Light Microscopy (PLM) in accordance with the current EPA-600 methodology.

A total of 24 bulk samples from nine homogeneous areas were submitted to the laboratory, of which 25 layers were analyzed. Based on the laboratory analysis of the bulk samples collected during the survey, four of the materials were reported to contain asbestos.

The following materials were reported to be asbestos-containing:

- 1082 Cold Springs Road:
  - White/Off-white ceiling texture,
  - Joint compound associated with drywall (applied as a surfacing material),
  - 12" x 12" off-white floor tiles and associated black mastic (thin floor tiles), and
  - Beige window glazing.

The following materials were reported as non-asbestos containing:

- 1082 Cold Springs Road:
  - 12" x 12" off-white floor tiles and yellow mastic (thicker tile),
  - Building caulk, and
  - Roofing materials.
- 1090 Cold Springs Road:
  - Black vapour barrier, and
  - Black roofing materials.

Due to inaccessibility or the destructive means that asbestos sampling requires, unseen ACMs may remain within the building hidden behind inaccessible areas, which include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities.



If suspect materials are discovered during construction activities, they should be presumed to contain asbestos and be treated as ACMs or be sampled immediately upon discovery and prior to disturbance for asbestos content by an accredited or certified asbestos inspector in accordance with 29 Code of Federal Regulations (CFR) 1926.1101.

Recommendations regarding the removal and disposal of the ACM identified by ECS can be found in Section 5.0 of this report.

The executive summary is an integral portion of this report, however, ECS recommends the report be read in its entirety.

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## 1.0 SITE DESCRIPTION

The subject property is developed with two structures, located at 1082 and 1090 Cold Spring Road in Collins, Mississippi, as described below;

- 1082 Cold Springs Road comprises a residential structure reportedly constructed in the 1950s. Access to the structure is achieved by doors on all elevations. The structure contains two living areas, a dining room, a kitchen, one bathroom, and three bedrooms. A carport is located to the south of the structure.
- 1090 Cold Springs Road was reportedly constructed in 2011, but was not completed. The structure, comprising two stories, is divided into numerous rooms, but has no interior finishes.

The structures are planned for demolition.

## 2.0 PURPOSE

The purpose of the Asbestos Survey was to identify asbestos-containing materials (ACM) which require special handling and/or disposal if disturbed during construction activities. The identification of ACMs require trained labor, regulated work practices, and special disposal.

## 3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal, standard industry practice(s) and methods specified by regulation(s) for the identification of ACMs.

### 3.1 Asbestos-Containing Materials

The demolition asbestos survey was performed by Mr. Tal Partridge (MS Asbestos Inspector No. ABI-00011381) on September 13, 2024. The survey consisted of observing the accessible areas of the buildings for the presence of suspect materials that may contain asbestos. The survey involved detecting both friable materials (materials that can be pulverized or reduced to a powder by hand pressure when dry) and non-friable materials (materials that pose a hazard when sawn, sanded, drilled, or pulverized). Homogeneous materials (based on material type, color, texture, etc.) were identified during the survey.

The EPA National Emissions Standard for Hazardous Air Pollutants (NESHAP) requires a survey for asbestos before renovation or demolition. Demolition is defined under NESHAP as the removal of a load-bearing structural member, and renovation is an action that disturbs building materials. Based on requirements under NESHAP and the Mississippi Department of Environmental Quality (MDEQ) for renovation or demolition activities, ECS conducted a limited survey for potential ACM. The ACM survey was limited because we did not conduct demolition, such as jack/sledgehammering, to expose potentially concealed materials. Samples were collected in general accordance with Environmental Protection Agency (EPA) Standard 40 CFR 763 Subpart E, Asbestos Hazard Emergency Response Act (AHERA), and Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1926.1101 Inspection Protocol.



Representative bulk samples were collected, placed in sealed packages, and submitted to Eurofins CEI for analysis using the EPA-recommended method of Polarized Light Microscopy (PLM) coupled with dispersion staining (Method No. EPA 600/R-93/116). Eurofins CEI participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Their NVLAP accreditation number is 600323-0. Several of the samples were layered and analyzed as multiple samples. EPA regulations require collecting multiple samples of each homogeneous area for laboratory analysis. The material type, sample location, and analytical results of each bulk sample are also summarized in the attached Asbestos Bulk Analysis report in **Appendices**.

Samples were analyzed using the "Positive Stop" methodology. If one sample of a homogeneous material is reported to contain asbestos, the remaining samples are not analyzed. If one sample of a material from a homogeneous area is reported to contain greater than 1% asbestos, then by EPA definition, it is characterized as ACM regardless of additional analysis.

During the survey, ECS attempted to identify suspect ACMs in readily accessible areas. However, due to the destructive means required to identify some materials, certain areas were deemed inaccessible (i.e. behind walls or sub-grade materials) and were not surveyed for suspect ACMs.

#### 4.0 RESULTS

The following is a summary of laboratory results, findings and observations.

##### 4.1 Asbestos Sampling

In total, 24 bulk samples from nine homogeneous areas were submitted to the laboratory, of which 25 layers were analyzed.

An ACM is defined as any material containing more than one percent (>1%) asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM. Materials are categorized by the U.S. EPA in the following categories:

- Friable ACMs are defined as any ACM that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACMs are defined as any ACM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I non-friable ACMs include packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than one percent (>1%) asbestos.
- Category II non-friable ACM are listed as any material, excluding Category I non-friable ACM, containing more than one percent (>1%) asbestos.

Regulated Asbestos Containing Materials (RACM) are friable ACM or non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or has crumbled, been pulverized, or reduced to powder in the course of renovation and/or demolition operations.

Eurofins CEI submitted a signed final laboratory report to ECS on September 19, 2024. Four of the bulk homogeneous area samples submitted for analysis were reported to contain asbestos in detectable concentrations. A complete list of the sampled materials submitted for analysis and material locations are included below. Photographs of representative building materials are located in Appendix II of this report.



**Summary of Asbestos-Containing Materials Identified**

| Location   | Material Description  | Analytical Result  | Category                   |
|--|---|--|----------------------------|
| <b>1082 Cold Springs Road</b>                            |   |  |                            |
| Throughout Interior                                      | White/off-white Ceiling Texture                                   | 2% Chrysotile  | Friable                    |
| Throughout Interior                                      | White Joint Compound (applied as surfacing material to drywall)   | 2% Chrysotile  | Friable                    |
| Room Plan South of Kitchen, Hallway, and Plan SE Bedroom | 12" x 12" Off-white Floor Tile (thin) and associated Black Mastic | Floor Tile - 2% Chrysotile<br>Black Mastic - 2% Chrysotile | Category I<br>Non-Friable  |
| Windows along Plan Eastern and Plan Southern Elevations  | Beige Glazing   | 2% Chrysotile  | Category II<br>Non-Friable |

**Asbestos Bulk Sample Locations and Analysis Results**

| Sample ID                               | Material Location                        | Material Description  | Analytical Results  | Category | Estimated Quantity |
|---|--|---|---|----------|--------------------|
| <b>1082 Cold Springs Road Structure</b> |  |   |   |          |                    |
| CTX1-1 through CTX1-5                   | Ceiling throughout interior of structure | White/Off-white Ceiling Texture   | 2% Chrysotile   | Friable  | 1,300 square feet  |
| DW1-1 through DW1-5                     | Walls throughout structure               | Off-white Joint Compound (applied as surfacing) associated with drywall | Joint Compound - 2% Chrysotile<br>Drywall - None Detected | Friable  | 4,500 square feet  |



| Sample ID                               | Material Location                                   | Material Description  | Analytical Results  | Category                | Estimated Quantity   |
|---|---|---|---|-------------------------|--|
| FL1-1, FL1-2                            | Kitchen and Plan NE Room                            | 12" x 12" Off-white Floor Tile and associated Yellow Mastic       | None Detected (ND)  | Not Applicable (NA)     | NA   |
| F2-1, FL2-2                             | Room Plans of Kitchen, Hallway, and Plan SE Bedroom | 12" x 12" Off-white Floor Tile (thin) and associated Black Mastic | Floor Tile - 2% Chrysotile Black Mastic - 2% Chrysotile Black Felt Paper - ND | Category I Non-Friable  | 375 square feet  |
| GLZ1-1, GLZ1-2                          | Exterior windows                                    | Beige Glazing   | 2% Chrysotile   | Category II Non-Friable | 30 linear feet (limited to windows along plan east and south elevations) |
| CLK1-1, CLK1-2                          | Exterior between window frames and walls            | Blue/White Caulking   | ND  | NA                      | NA   |
| RF1-1, RF1-2                            | Roof  | Brown/Black Roofing Shingles and Black Felt Paper                 | ND  | NA                      | NA   |
| <b>1090 Cold Springs Road Structure</b> |   |   |   |                         |  |
| VB1-1, VB1-2                            | Exterior  | Black Vapor Barrier   | ND  | NA                      | NA   |



| Sample ID    | Material Location | Material Description                        | Analytical Results | Category | Estimated Quantity |
|--------------|-------------------|---|--------------------|----------|--------------------|
| RF1-1, RF1-2 | Roof              | Black Roofing Shingles and Black Felt Paper | ND                 | NA       | N                  |

The above provided approximate quantities of the identified ACMs are for informational purposes only and should not be used for bidding purposes. ECS does not warranty or guarantee the estimated quantities provided. The contractors bidding on asbestos abatement work should visit the site prior to bidding to field verify the estimated quantities of ACMs and become familiar with the site conditions and address any technical or engineering considerations with respect to asbestos removal in their bids or estimates. Any similar materials located on the property should also be assumed to contain asbestos unless tested and the laboratory analysis indicates that asbestos is not present.

#### 4.2 Suspect or Assumed Asbestos-Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities, etc. These areas were deemed inaccessible and were not assessed.

If these materials are discovered during construction activities, they should be presumed to contain asbestos and be treated as ACMs or be sampled immediately upon discovery and prior to disturbance for asbestos content by a certified asbestos inspector in accordance with 29 CFR 1926.1101.

Based upon our past experience in the identification of ACMs in similarly constructed buildings, the following additional suspect ACMs may also be located in inaccessible areas of the structure:

- Mastics below the structure at 1082 Cold Springs Road, and
- Sub-slab sill materials at 1090 Cold Springs Road.

#### 5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the Asbestos Survey, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

##### 5.1 Asbestos-Containing Materials

Federal, state, and local regulations require asbestos-containing materials be removed prior to disturbance by demolition operations. However, if the building is to be demolished, by regulation, Category I non-friable materials and in some instances Category II materials may remain in place during demolition under the following provisions: The Contractor must have appropriate training



and/or use certified personnel; must notify appropriate state and federal agencies, the debris must remain wet during demolition and cannot become friable; the contractor cannot compact the debris once the building is demolished with Category I/II non-friable materials present. Note that EPA Region 3 no longer requires notice prior to removal of ACMs. Salvage of materials is also prohibited once the building is demolished and Category I/II non-friable materials are mixed in the debris. The landfill receiving the waste must also be notified in writing that it is receiving Category I/II non-friable materials, and it must acknowledge that it can accept this type of waste.

## 6.0 LIMITATIONS

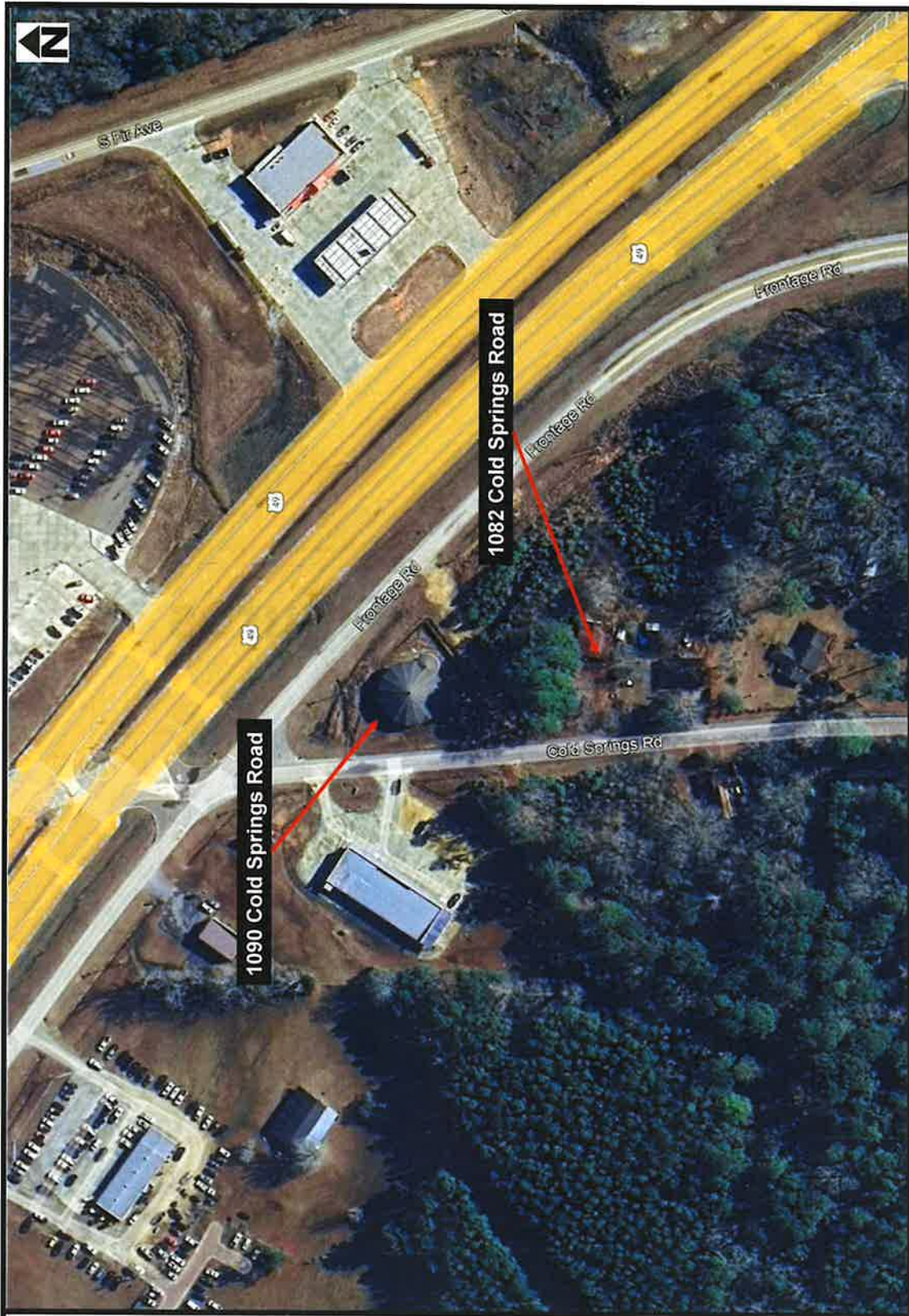
The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

## **Appendix I: Figures**





**Figure 1**

**Site Location Map**  
 Proposed Dollar General Store  
 1082 and 1090 Cold Springs Road  
 Collins, Mississippi  
 ECS Project No. 49-23809-A

Source: Google Earth





Figure 2

Sample Locations  
Proposed Dollar General Store  
1082 and 1090 Cold Springs Road  
Collins, Mississippi  
ECS Project No. 49-23809-A

LEGEND

XX-XX Sample Location

ACM

No Lead or Asbestos Detected

NOTES:

Not to scale

Samples color coded

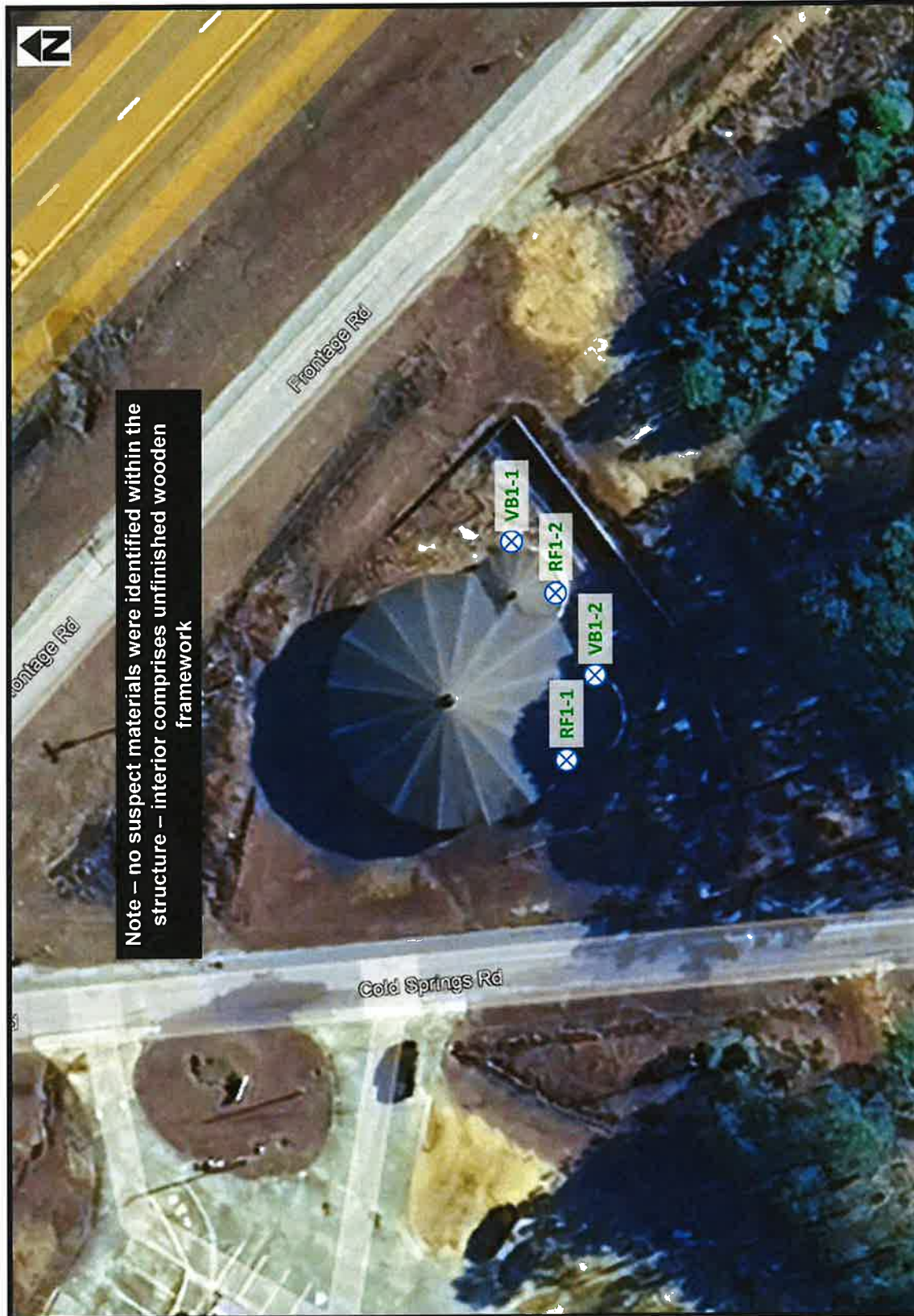




Figure 3

**Sample Locations**

Proposed Dollar General Store  
1082 and 1090 Cold Springs Road  
Collins, Mississippi  
ECS Project No. 49-23809-A

**LEGEND**

XX-XX

Sample Location

ACM

▼ No Lead or Asbestos Detected



**NOTES:**

Not to scale

Samples color coded

1082 Cold Springs Road  
Approximately 1,300 square feet

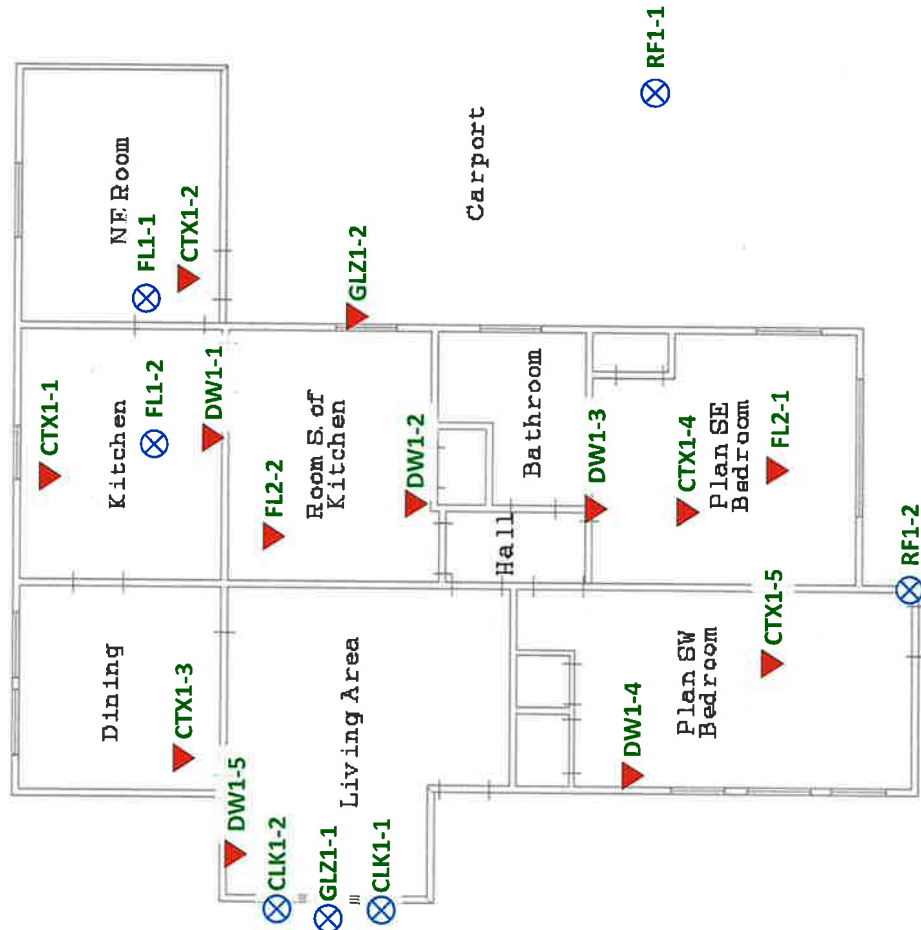




Figure 4

Extent of ACMs  
Proposed Dollar General Store  
1082 and 1090 Cold Springs Road  
Collins, Mississippi  
ECS Project No. 49-23809-A

LEGEND



Regulated ACM

Category I Non-Friable ACM

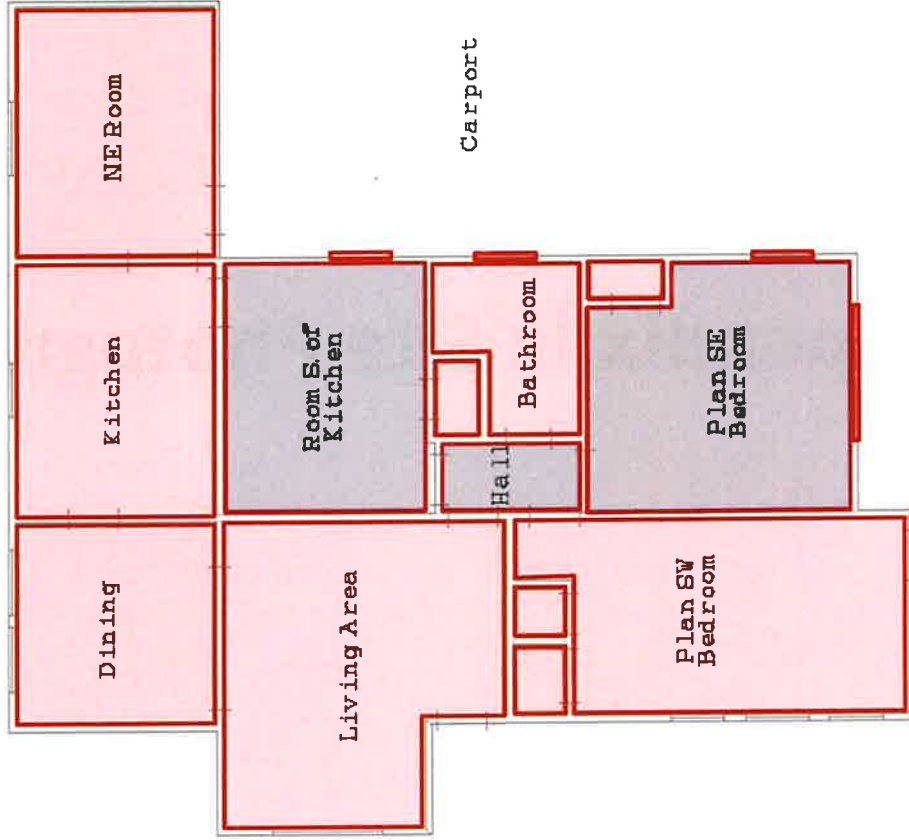
NOTES:

Not to scale

Samples color coded



1082 Cold Springs Road  
Approximately 1,300 square feet



## **Appendix II: Site Photographs**





1 - Exterior of 1082 Cold Springs Road



2 - Carport

September 20, 2024



3 - Kitchen



4 - Bathroom



September 20, 2024



5 - Hallway



6 - Typical bedroom

September 20, 2024



7 - Living area/dining room



8 - Plan NE Room



9 - ACM ceiling texture (CTX1)



10 - ACM joint compound associated with drywall (applied as surfacing material) (DW1)





11 - Non-ACM 12" x 12" off-white floor tile and associated mastic (FL1)



12 - ACM 12" x 12" off-white floor tile and ACM black mastic (FL2)



13 - ACM window glazing (GLZ1)



14 - Non-ACM building caulk (CLK1)





15 - Non-ACM roofing materials (RF1)



16 - Exterior of 1090 Cold Springs Road, and non-ACM roofing materials (RF1)



17 - Typical view of interior of 1090 Cold Springs Road



18 - Typical view of interior of second floor of 1090 Cold Springs Road structure





19 - Non-ACM vapor barrier (VB1)

## **Appendix III: Asbestos Bulk Sample Results**

September 19, 2024

ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

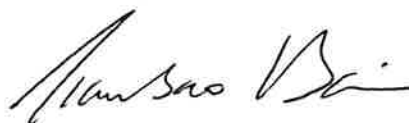
**CLIENT PROJECT:** 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge  
**CEI LAB CODE:** SA242616

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on September 16, 2024. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: *Method for the Determination of Asbestos in Bulk Building Materials* and EPA 40 CFR Appendix E to Subpart E of Part 763: *Interim Method of the Determination of Asbestos in Bulk Insulation Samples*.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600/R-93/116 Method and EPA 40 CFR Appendix E to Subpart E of Part 763 is <1% asbestos as determined by visual estimation.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director





CEI

---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**ECS Southeast LLC**

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CLIENT PROJECT: 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.  
M. Tal Partridge

LAB CODE: SA242616

TEST METHOD: EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to  
Subpart E of Part 763

REPORT DATE: 09/19/24

TOTAL SAMPLES ANALYZED: 11

# SAMPLES >1% ASBESTOS: 6



CEI

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 1082 Cold Springs Rd, Collins, MS ACM, **LAB CODE:** SA242616  
49-23809-A/P.M. Tal Partridge

**METHOD:** EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

| Client ID | Layer   | Lab ID       | Color           | Sample Description          | ASBESTOS %    |
|-----------|---------|--------------|-----------------|-----------------------------|---------------|
| CTX1-1    |         | SA242616.01  | Off-white,Beige | Ceiling Texture             | Chrysotile 2% |
| CTX1-2    |         | SA242616.02  |                 | Sample Not Analyzed per COC |               |
| CTX1-3    |         | SA242616.03  |                 | Sample Not Analyzed per COC |               |
| CTX1-4    |         | SA242616.04  |                 | Sample Not Analyzed per COC |               |
| CTX1-5    |         | SA242616.05  |                 | Sample Not Analyzed per COC |               |
| DW1-1     | Layer 1 | SA242616.06  | White           | Joint Compound              | Chrysotile 2% |
|           | Layer 2 | SA242616.06  | White,Tan       | Drywall                     | None Detected |
| DW1-2     |         | SA242616.07  |                 | Sample Not Analyzed per COC |               |
| DW1-3     |         | SA242616.08  |                 | Sample Not Analyzed per COC |               |
| DW1-4     |         | SA242616.09  |                 | Sample Not Analyzed per COC |               |
| DW1-5     |         | SA242616.10  |                 | Sample Not Analyzed per COC |               |
| FL1-1     |         | SA242616.11A | Off-white       | Floor Tile                  | None Detected |
|           |         | SA242616.11B | Yellow          | Mastic                      | None Detected |
| FL1-2     |         | SA242616.12A | Off-white       | Floor Tile                  | None Detected |
|           |         | SA242616.12B | Yellow,Tan      | Mastic / Leveling Compound  | None Detected |
| FL2-1     |         | SA242616.13A | Off-white,Gray  | Floor Tile                  | Chrysotile 2% |
|           | Layer 1 | SA242616.13B | Black           | Mastic                      | Chrysotile 2% |
|           | Layer 2 | SA242616.13B | Black           | Felt Paper                  | None Detected |
|           | Layer 3 | SA242616.13B | Black           | Mastic                      | Chrysotile 2% |
| FL2-2     |         | SA242616.14A |                 | Sample Not Analyzed per COC |               |
|           |         | SA242616.14B |                 | Sample Not Analyzed per COC |               |
| GLZ1-1    |         | SA242616.15  | Blue,White      | Caulking                    | None Detected |
| GLZ1-2    |         | SA242616.16  | Beige           | Glazing                     | Chrysotile 2% |
| CLK1-1    |         | SA242616.17  | Blue,White      | Caulking                    | None Detected |
| CLK1-2    |         | SA242616.18  | Blue,White      | Caulking                    | None Detected |
| RF1-1     | Layer 1 | SA242616.19  | Brown,Black     | Roof Shingle                | None Detected |
|           | Layer 2 | SA242616.19  | Black           | Felt Paper                  | None Detected |
| RF1-2     | Layer 1 | SA242616.20  | Brown,Black     | Roof Shingle                | None Detected |
|           | Layer 2 | SA242616.20  | Black           | Felt Paper                  | None Detected |

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**Lab Code:** SA242616  
**Date Received:** 09-16-24  
**Date Analyzed:** 09-19-24  
**Date Reported:** 09-19-24

**Project:** 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge

## ASBESTOS BULK PLM, EPA 600/R-93/116 METHOD and EPA 40 CFR Appendix E Subpart E to Part 763

| ASBESTOS SURVEY, EPA 8000-R-93-115 METHOD and EPA 8000-R-93-115 Appendix E Subpart E-1, E-2, and E-3 |                             |                   |                         |           |             |               |               |
|--|-----------------------------|-------------------|-------------------------|-----------|-------------|---------------|---------------|
| Client ID<br>Lab ID  | Lab<br>Description          | Lab<br>Attributes | NON-ASBESTOS COMPONENTS |           |             | ASBESTOS<br>% |               |
|  |                             |                   | Fibrous                 |           | Non-Fibrous |               |               |
| CTX1-1<br>SA242616.01  | Ceiling Texture             | Heterogeneous     |                         |           | 80%         | Binder        | 2% Chrysotile |
|  |                             | Off-white, Beige  |                         |           | 13%         | Calc Carb     |               |
|  |                             | Non-fibrous       |                         |           | 5%          | Paint         |               |
|  |                             | Bound             |                         |           |             |               |               |
| CTX1-2<br>SA242616.02  | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| CTX1-3<br>SA242616.03  | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| CTX1-4<br>SA242616.04  | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| CTX1-5<br>SA242616.05  | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| DW1-1<br>Layer 1<br>SA242616.06  | Joint Compound              | Heterogeneous     |                         |           | 60%         | Binder        | 2% Chrysotile |
|  |                             | White             |                         |           | 33%         | Calc Carb     |               |
|  |                             | Non-fibrous       |                         |           | 5%          | Paint         |               |
|  |                             | Bound             |                         |           |             |               |               |
| Layer 2<br>SA242616.06   | Drywall                     | Heterogeneous     | 20%                     | Cellulose | 80%         | Gypsum        | None Detected |
|  |                             | White, Tan        |                         |           |             |               |               |
|  |                             | Fibrous           |                         |           |             |               |               |
|  |                             | Bound             |                         |           |             |               |               |
| DW1-2<br>SA242616.07   | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| DW1-3<br>SA242616.08   | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| DW1-4<br>SA242616.09   | Sample Not Analyzed per COC |                   |                         |           |             |               |               |
| DW1-5<br>SA242616.10   | Sample Not Analyzed per COC |                   |                         |           |             |               |               |

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**Lab Code:** SA242616  
**Date Received:** 09-16-24  
**Date Analyzed:** 09-19-24  
**Date Reported:** 09-19-24

**Project:** 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge

## ASBESTOS BULK PLM, EPA 600/R-93/116 METHOD and EPA 40 CFR Appendix E Subpart E to Part 763

| Client ID<br>Lab ID          | Lab<br>Description            | Lab<br>Attributes                                      | NON-ASBESTOS COMPONENTS |                          | ASBESTOS<br>% |
|------------------------------|-------------------------------|--|-------------------------|--------------------------|---------------|
|                              |                               |  | Fibrous                 | Non-Fibrous              |               |
| <b>FL1-1</b><br>SA242616.11A | Floor Tile                    | Homogeneous<br>Off-white<br>Non-fibrous<br>Bound       |                         | 100% Vinyl               | None Detected |
| SA242616.11B                 | Mastic                        | Homogeneous<br>Yellow<br>Non-fibrous<br>Bound          |                         | 100% Mastic              | None Detected |
| <b>FL1-2</b><br>SA242616.12A | Floor Tile                    | Homogeneous<br>Off-white<br>Non-fibrous<br>Bound       |                         | 100% Vinyl               | None Detected |
| SA242616.12B                 | Mastic / Leveling<br>Compound | Homogeneous<br>Yellow, Tan<br>Non-fibrous<br>Bound     |                         | 85% Mastic<br>15% Binder | None Detected |
| <b>FL2-1</b><br>SA242616.13A | Floor Tile                    | Homogeneous<br>Off-white, Gray<br>Non-fibrous<br>Bound |                         | 98% Vinyl                | 2% Chrysotile |
| Layer 1<br>SA242616.13B      | Mastic                        | Homogeneous<br>Black<br>Non-fibrous<br>Bound           |                         | 98% Tar                  | 2% Chrysotile |
| Layer 2<br>SA242616.13B      | Felt Paper                    | Homogeneous<br>Black<br>Fibrous<br>Bound               | 70% Cellulose           | 30% Tar                  | None Detected |





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**ASBESTOS BULK ANALYSIS**

By: POLARIZING LIGHT MICROSCOPY

**Client:** ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**Lab Code:** SA242616  
**Date Received:** 09-16-24  
**Date Analyzed:** 09-19-24  
**Date Reported:** 09-19-24

**Project:** 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge

**ASBESTOS BULK PLM, EPA 600/R-93/116 METHOD and EPA 40 CFR Appendix E Subpart E to Part 763**

| Client ID<br>Lab ID                                      | Lab<br>Description | Lab<br>Attributes                                    | NON-ASBESTOS COMPONENTS         |                     | ASBESTOS<br>% |
|--|--------------------|--|---------------------------------|---------------------|---------------|
|  |                    |  | Fibrous                         | Non-Fibrous         |               |
| Layer 3<br>SA242616.13B                                  | Mastic             | Homogeneous<br>Black<br>Non-fibrous<br>Bound         |                                 | 98% Tar             | 2% Chrysotile |
| <b>FL2-2</b> Sample Not Analyzed<br>SA242616.14A per COC |                    |  |                                 |                     |               |
| SA242616.14B Sample Not Analyzed<br>per COC              |                    |  |                                 |                     |               |
| <b>GLZ1-1</b><br>SA242616.15                             | Caulking           | Heterogeneous<br>Blue, White<br>Non-fibrous<br>Bound | 95%<br>5%                       | Caulk<br>Paint      | None Detected |
| Sample appears to be caulking. No glazing present.       |                    |  |                                 |                     |               |
| <b>GLZ1-2</b><br>SA242616.16                             | Glazing            | Homogeneous<br>Beige<br>Non-fibrous<br>Bound         | 85%<br>13%                      | Binder<br>Calc Carb | 2% Chrysotile |
| <b>CLK1-1</b><br>SA242616.17                             | Caulking           | Heterogeneous<br>Blue, White<br>Non-fibrous<br>Bound | 95%<br>5%                       | Caulk<br>Paint      | None Detected |
| <b>CLK1-2</b><br>SA242616.18                             | Caulking           | Heterogeneous<br>Blue, White<br>Non-fibrous<br>Bound | 95%<br>5%                       | Caulk<br>Paint      | None Detected |
| <b>RF1-1</b><br>Layer 1<br>SA242616.19                   | Roof Shingle       | Heterogeneous<br>Brown, Black<br>Fibrous<br>Bound    | 50%<br>Fiberglass<br>40%<br>10% | Tar<br>Gravel       | None Detected |



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**ASBESTOS BULK ANALYSIS**

By: POLARIZING LIGHT MICROSCOPY

**Client:** ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**Lab Code:** SA242616  
**Date Received:** 09-16-24  
**Date Analyzed:** 09-19-24  
**Date Reported:** 09-19-24

**Project:** 1082 Cold Springs Rd, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge

**ASBESTOS BULK PLM, EPA 600/R-93/116 METHOD and EPA 40 CFR Appendix E Subpart E to Part 763**

| Client ID<br>Lab ID             | Lab<br>Description | Lab<br>Attributes                                | NON-ASBESTOS COMPONENTS |            |             |               | ASBESTOS<br>% |
|---------------------------------|--------------------|--|-------------------------|------------|-------------|---------------|---------------|
|                                 |                    |  | Fibrous                 |            | Non-Fibrous |               |               |
| Layer 2<br>SA242616.19          | Felt Paper         | Homogeneous<br>Black<br>Fibrous<br>Bound         | 70%                     | Cellulose  | 30%         | Tar           | None Detected |
| RF1-2<br>Layer 1<br>SA242616.20 | Roof Shingle       | Heterogeneous<br>Brown,Black<br>Fibrous<br>Bound | 50%                     | Fiberglass | 40%<br>10%  | Tar<br>Gravel | None Detected |
| Layer 2<br>SA242616.20          | Felt Paper         | Homogeneous<br>Black<br>Fibrous<br>Bound         | 70%                     | Cellulose  | 30%         | Tar           | None Detected |

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

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**METHOD:** EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

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**REPORTING LIMIT FOR PLM:** 1% by calibrated visual estimation

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

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**REGULATORY LIMIT:** >1%

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Due to the limitations of the EPA 600/R-93/116 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:**

  
Raegan Brown

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director





CEI

# ASBESTOS CHAIN OF CUSTODY

(20)

2752 Pleasant Rd. Suite 100A Fort Mill, SC 29708  
Tel: 803-526-5146; Fax: 919-481-1442

ECEI Lab Code:

ECEI Lab I.D. Range:

SA242616

| COMPANY INFORMATION                      | PROJECT INFORMATION                                   |
|--|---|
| <b>ECEI CLIENT #:</b>                    | Job Contact: Tal Partridge                            |
| Company: ECS Southeast, LLC              | Email / Tel: tpartridge@ecslimited.com/(205) 718-3755 |
| Address: 133 W. Oxmoor Road, Suite 205   | Project Name: 1082 Cold Springs Rd, Collins, MS ACM   |
| Birmingham, Alabama 35209                | Project ID#: 49-23809-A/P.M. Tal Partridge            |
| Billing Email: tpartridge@ecslimited.com | PO #:   |
| Tel: (205) 718-3755                      | State of sample origin Mississippi                    |

ECEI standard terms are Net 30 days

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

| ASBESTOS               | METHOD                                    | TURN AROUND TIME         |                          |                          |                          |                                     |                          |
|------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
|                        |   | 4 HR                     | 8 HR                     | 1 DAY                    | 2 DAY                    | 3 DAY                               | 5 DAY                    |
| PLM BULK               | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| PLM POINT COUNT (400)  | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM POINT COUNT (1000) | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM GRAV w POINT COUNT | EPA 600/R-93/116                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM BULK               | CARB 435                                  |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PCM AIR*               | NIOSH 7400                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | EPA AHERA                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | NIOSH 7402                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR (PCME)         | ISO 10312                                 |                          |                          |                          |                          | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | ASTM 6281-15                              |                          |                          |                          |                          | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM BULK               | CHATFIELD / EPA 600/R-93/116 Sec. 2.5.5.1 |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM DUST WIPE          | ASTM D6480-19                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM DUST MICROVAC      | ASTM D5755-09 (2014)                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM SOIL               | ASTM D7521-16                             |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM VERMICULITE        | CINCINNATI METHOD                         |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM QUALITATIVE        | IN-HOUSE METHOD                           |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| OTHER:                 |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

\*Blanks should be taken from the same sample lot as field samples.

|                                 |                   |  |            |  |
|---------------------------------|-------------------|--|------------|--|
| REMARKS / SPECIAL INSTRUCTIONS: |                   | Stop on first positive homogeneous area. No composite analysis |            | <input checked="" type="checkbox"/> Accept Samples |
|                                 |                   |  |            | <input type="checkbox"/> Reject Samples            |
| Relinquished By:                | Date/Time         | Received By:   | Date/Time  |  |
|                                 | 09/14/2024 1:00pm |  | 9/16 8:40A |  |

By submitting samples, you are agreeing to ECEI's Terms and Conditions.  
Samples will be disposed of 30 days after analysis



# SAMPLING FORM

| COMPANY CONTACT INFORMATION                         |                            |
|---|----------------------------|
| Company: ECS Southeast, LLC                         | Job Contact: Tal Partridge |
| Project Name: 1082 Cold Springs Rd, Collins, MS ACM | tpartridge@ecslimited.com  |
| Project ID #: 49-23809-A/P.M. Tal Partridge         | Tel: (205) 718-3755        |

| SAMPLE ID# | DESCRIPTION / LOCATION            | VOLUME/<br>AREA | TEST                                |                          |
|------------|-----------------------------------|-----------------|-------------------------------------|--------------------------|
|            |                                   |                 | PLM                                 | TEM                      |
| CTX1-1     | Wht Ceiling Text. - Kitchen       |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CTX1-2     | " " - Room Plan NE of Kit         |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CTX1-3     | " " - Dining Room                 |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CTX1-4     | " " - Plan S.E. Bedroom           |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CTX1-5     | " " - Plan S.W. Bedroom           |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DW1-1      | Joint Comp/Drywall (surf) - Kit S | Wall            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DW1-2      | " " - Room Plan S of Kit S        | Wall            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DW1-3      | " " - Plan S.E. B.R. N Wall       |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DW1-4      | " " - Plan S.W. B.R. W Wall       |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DW1-5      | " " - Living Area Plan N.W.       | Wall            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| FL1-1      | 12"x12" Off-wht F.T. + Mas - Pla  | n NW            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| FL1-2      | " " - Kitchen                     |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| FL2-1      | " " (thin) - Plan S.E. B.R. Ce    | nter            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| FL2-2      | " " (thin) - Room Plan S of Ki    | tchen           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GLZ1-1     | Off-wht Win Glazing - Ext. Living | Area            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GLZ1-2     | " " - Ext. Room S. of Kitch       |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CLK1-1     | Brn/Wht Caulk - Ext. Living Win t | o Wall          | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CLK1-2     | " " - Ext. Living Area Wind t     | o Wall          | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| RF1-1      | Blck Asph Roof - Carport          |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| RF1-2      | " " - Roof Plan S                 |                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |
|            |                                   |                 | <input type="checkbox"/>            | <input type="checkbox"/> |



September 19, 2024

ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**CLIENT PROJECT:** 1090 Cold Springs Ed, Collins, MS ACM, 49-23809-A/P.M. Tal  
Partridge  
**CEI LAB CODE:** SA242615

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on September 16, 2024. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: *Method for the Determination of Asbestos in Bulk Building Materials* and EPA 40 CFR Appendix E to Subpart E of Part 763: *Interim Method of the Determination of Asbestos in Bulk Insulation Samples*.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600/R-93/116 Method and EPA 40 CFR Appendix E to Subpart E of Part 763 is <1% asbestos as determined by visual estimation.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director





CEI

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**ECS Southeast LLC**

---

CLIENT PROJECT: 1090 Cold Springs Ed, Collins, MS ACM, 49-23809-A/P.  
M. Tal Partridge

LAB CODE: SA242615

TEST METHOD: EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to  
Subpart E of Part 763

REPORT DATE: 09/19/24

TOTAL SAMPLES ANALYZED: 4

# SAMPLES >1% ASBESTOS:



CEI

## Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 1090 Cold Springs Ed, Collins, MS ACM,    **LAB CODE:** SA242615  
49-23809-A/P.M. Tal Partridge

**METHOD:** EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

| Client ID | Layer   | Lab ID      | Color     | Sample Description | ASBESTOS %    |
|-----------|---------|-------------|-----------|--------------------|---------------|
| VB1-1     |         | SA242615.01 | Black     | Vapor Barrier      | None Detected |
| VB1-2     |         | SA242615.02 | Black     | Vapor Barrier      | None Detected |
| RF1-1     | Layer 1 | SA242615.03 | Black,Tan | Roof Shingle       | None Detected |
|           | Layer 2 | SA242615.03 | Black     | Felt Paper         | None Detected |
| RF1-2     | Layer 1 | SA242615.04 | Black,Tan | Roof Shingle       | None Detected |
|           | Layer 2 | SA242615.04 | Black     | Felt Paper         | None Detected |

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** ECS Southeast LLC  
133 West Oxmoor Road Suite 205  
Birmingham, AL 35209

**Lab Code:** SA242615  
**Date Received:** 09-16-24  
**Date Analyzed:** 09-19-24  
**Date Reported:** 09-19-24

**Project:** 1090 Cold Springs Ed, Collins, MS ACM, 49-23809-A/P.M. Tal Partridge

## ASBESTOS BULK PLM, EPA 600/R-93/116 METHOD and EPA 40 CFR Appendix E Subpart E to Part 763

| Client ID<br>Lab ID                    | Lab<br>Description | Lab<br>Attributes                               | NON-ASBESTOS COMPONENTS |            |             |                   | ASBESTOS<br>% |
|--|--------------------|---|-------------------------|------------|-------------|-------------------|---------------|
|  |                    |   | Fibrous                 |            | Non-Fibrous |                   |               |
| <b>VB1-1</b><br>SA242615.01            | Vapor Barrier      | Homogeneous<br>Black<br>Fibrous<br>Bound        | 70%                     | Cellulose  | 30%         | Tar               | None Detected |
| <b>VB1-2</b><br>SA242615.02            | Vapor Barrier      | Homogeneous<br>Black<br>Fibrous<br>Bound        | 70%                     | Cellulose  | 30%         | Tar               | None Detected |
| <b>RF1-1</b><br>Layer 1<br>SA242615.03 | Roof Shingle       | Heterogeneous<br>Black, Tan<br>Fibrous<br>Bound | 50%                     | Fiberglass | 40%         | Tar<br>10% Gravel | None Detected |
| Layer 2<br>SA242615.03                 | Felt Paper         | Homogeneous<br>Black<br>Fibrous<br>Bound        | 70%                     | Cellulose  | 30%         | Tar               | None Detected |
| <b>RF1-2</b><br>Layer 1<br>SA242615.04 | Roof Shingle       | Heterogeneous<br>Black, Tan<br>Fibrous<br>Bound | 50%                     | Fiberglass | 40%         | Tar<br>10% Gravel | None Detected |
| Layer 2<br>SA242615.04                 | Felt Paper         | Homogeneous<br>Black<br>Fibrous<br>Bound        | 70%                     | Cellulose  | 30%         | Tar               | None Detected |

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

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**METHOD:** EPA 600 / R-93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

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**REPORTING LIMIT FOR PLM:** 1% by calibrated visual estimation

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

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**REGULATORY LIMIT:** >1%

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Due to the limitations of the EPA 600/R-93/116 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:**

  
Raegan Brown

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director







CEI

**ASBESTOS  
CHAIN OF CUSTODY**

④

2752 Pleasant Rd, Suite 100A Fort Mill, SC 29708

Tel: 803-526-5146; Fax: 919-481-1442

ECEI Lab Code:

ECEI Lab I.D. Range:

SA242615

| COMPANY INFORMATION                      | PROJECT INFORMATION                                   |
|--|---|
| ECEI CLIENT #:                           | Job Contact: Tal Partridge                            |
| Company: ECS Southeast, LLC              | Email / Tel: tpartridge@ecslimited.com/(205) 718-3755 |
| Address: 133 W. Oxmoor Road, Suite 205   | Project Name: 1090 Cold Springs Rd, Collins, MS ACM   |
| Birmingham, Alabama 35209                | Project ID#: 49-23809-A/P.M. Tal Partridge            |
| Billing Email: tpartridge@ecslimited.com | PO #:   |
| Tel: (205) 718-3755                      | State of sample origin Mississippi                    |

ECEI standard terms are Net 30 days

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

| ASBESTOS               | METHOD                                    | TURN AROUND TIME         |                          |                          |                          |                                     |                          |
|------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
|                        |   | 4 HR                     | 8 HR                     | 1 DAY                    | 2 DAY                    | 3 DAY                               | 5 DAY                    |
| PLM BULK               | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| PLM POINT COUNT (400)  | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM POINT COUNT (1000) | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM GRAV w POINT COUNT | EPA 600/R-93/116                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PLM BULK               | CARB 435                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| PCM AIR*               | NIOSH 7400                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | EPA AHERA                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | NIOSH 7402                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR (PCME)         | ISO 10312                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM AIR                | ASTM 6281-15                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM BULK               | CHATFIELD / EPA 600/R-93/116 Sec. 2.5.5.1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM DUST WIPE          | ASTM D6480-19                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM DUST MICROVAC      | ASTM D5755-09 (2014)                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM SOIL               | ASTM D7521-16                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM VERMICULITE        | CINCINNATI METHOD                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| TEM QUALITATIVE        | IN-HOUSE METHOD                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| OTHER:                 |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

\*Blanks should be taken from the same sample lot as field samples.

|                                 |                   |  |             |  |
|---------------------------------|-------------------|--|-------------|--|
| REMARKS / SPECIAL INSTRUCTIONS: |                   | Stop on first positive homogeneous area. No composite analysis |             | <input checked="" type="checkbox"/> Accept Samples |
|                                 |                   |  |             | <input type="checkbox"/> Reject Samples            |
| Relinquished By:                | Date/Time         | Received By:   | Date/Time   |  |
|                                 | 09/14/2024 1:00pm |  | 9/16 8:40pm |  |
|                                 |                   |  |             |  |

By submitting samples, you are agreeing to ECEI's Terms and Conditions.  
Samples will be disposed of 30 days after analysis



## COMPANY CONTACT INFORMATION

|   |                            |
|---|----------------------------|
| Company: ECS Southeast, LLC                         | Job Contact: Tal Partridge |
| Project Name: 1090 Cold Springs Rd, Collins, MS ACM | tpartridge@ecslimited.com  |
| Project ID #: 49-23809-A/P.M. Tal Partridge         | Tel: (205) 718-3755        |

[illegible]

## **Appendix IV: Certifications/ Licenses**

# *State of Mississippi*

*Department of Environmental Quality  
Office of Pollution Control*

## *Certificate of Licensure*

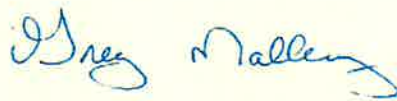
In accordance with the Asbestos Abatement Accreditation and Certification Act,  
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

*Taliesen M Partridge*

Having submitted acceptable evidence of qualifications and  
training and other appropriate information, is hereby granted this

*Asbestos Inspector  
Certification*



*Certificate No.: ABI-00011381  
Expiration Date: Nov 1st, 2024  
Training Expires on Nov 1st, 2024*

*Chief, Asbestos & Lead Branch*

81376 LIC20230002.