

ASBESTOS SURVEY REPORT

Steak N Shake
2096 Interstate Drive
Opelika, Alabama 36801

November 5, 2019
Partner Project Number: 19-238691.2

Prepared for:
Panda Restaurant Group, Inc.
Rosemead, California 91770



November 5, 2019

Ted Hunter
Panda Restaurant Group, Inc.
1683 Walnut Grove Avenue
Rosemead, CA 91770

Subject: Asbestos Survey Report
2096 Interstate Drive
Opelika, Alabama 36801
Partner Project No. 19-238691.2

Dear Mr. Hunter:


Partner Engineering and Science, Inc. (Partner) is pleased to provide the findings of the asbestos survey conducted at the above-referenced address (the "subject property").

This survey included a site reconnaissance, material sampling, and laboratory analysis. This assessment was performed utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions presented herein are based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services to Panda Restaurant Group, Inc. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (949) 481-9818.

Sincerely,

Partner Engineering and Science, Inc.



Rob Vaughn
Principal/National Client Manager

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Property Description.....	1
1.2	Purpose and Scope	1
1.3	Methodology	2
1.3.1	Visual Evaluation	2
1.3.2	Sampling and Laboratory Analysis.....	3
1.3.3	Limiting Conditions.....	3
2.0	ANALYTICAL RESULTS	4
3.0	CONCLUSION	6
4.0	RELIANCE	7
5.0	SIGNATURES OF PROFESSIONALS.....	8

APPENDICES

Appendix A	Laboratory Analysis and Chain of Custody
Appendix B	Sample Diagram
Appendix C	Certifications
Appendix D	Photographic Documentation

1.0 INTRODUCTION

1.1 Property Description

Property Data	
Name	Steak N Shake
Address	2096 Interstate Drive
City, State and Zip Code	Opelika, Alabama 36801
Property use	Commercial
Number of buildings	One
Number of floors	One
Year built	2009
Gross building area (sf)	~3,450
Surveyed by	Michael Summy, Alabama Asbestos Inspector
Survey date	October 28, 2019

1.2 Purpose and Scope

Asbestos containing building materials can represent a significant risk to occupants, require special handling, and can sometimes affect the value of properties. In order to assist the client in evaluation of the asset survey is intended to identify, sample, analyze and evaluate homogenous areas of suspect building materials to screen for materials containing more than 1.0% actinolite, amosite, anthophyllite, chrysotile, crocidolite, or tremolite asbestiform fibers (40 CFR 61, Subpart M) in accordance with the agreed scope of services.

Sampling conducted was intended as indicative of the materials tested, and was not intended to conclusively determine the absence of asbestos-containing materials (ACMs). Asbestos may be present in materials not sampled, and additional sampling may be warranted in the event of future disturbance of suspect materials. All suspect materials should be managed in accordance with applicable regulations, and damaged ACMs should be removed, repaired, encapsulated, or enclosed in order to minimize the potential for release of asbestos fibers.

Additional services such as the interview of property management and maintenance personnel, tenants, review of prior reports, regulatory records, evaluation of compliance, risk assessment, and the development of abatement specifications are excluded from the scope of services, along with all other activities not expressly identified herein. No demolition, destructive testing, product research was performed in attempts to reveal material compositions.

This work is not intended as a specification for asbestos abatement or to otherwise support bidding for or completion of maintenance, abatement, removal or replacement activities. Quantification of the exact quantities of materials is beyond the scope of this survey. Any quantities of ACM listed are estimates only, and should be confirmed by the user.

Partner and its subcontractor, and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the survey team or the client.

1.3 Methodology

1.3.1 Visual Evaluation

Building materials were observed to identify, classify and evaluate the condition of homogenous areas of suspect ACMs.

The subject property building was a single-story wood-framed structure situated on a concrete slab-on-grade foundation containing approximately 3,450 SF. The exterior walls were covered with a mixture of metal panels, glass in aluminum frames, and synthetic stucco. The low slope roof system consisted of a wooden decking/wood framing covered with a rubber membrane. Interior floors were covered with various patterns of ceramic tile. Interior walls were a mixture of drywall, glass in aluminum frames, and plywood covered with fiberglass reinforced plastic (FRP) panels. Ceilings in the kitchen and storage areas consisted of lay-in panels, ceilings in the restrooms consisted of drywall, and no finished interior ceilings were present in the dining room. The walk-in cooler was constructed of metal panels and foam insulation.

Classification

Asbestos containing building materials are typically classified as surfacing, thermal systems insulation, or miscellaneous ACMs.

Surfacing - Material that is sprayed, troweled-on or otherwise applied to surfaces. Examples include acoustical plaster on ceilings, fireproofing on structural members, or similar applications for acoustical, fireproofing, and other purposes.

Thermal Systems Insulation – Materials applied to pipes, fittings, boilers, breeching, tanks, ducts or other structural components to prevent heat loss or gain.

Miscellaneous – All other ACMs including taping mud, floor tile mastic, stucco, leveling compound, hard wall plasters, wall texturing as surfacing, etc.

Evaluation of Condition

An assessment of the condition of asbestos containing materials can be useful in deciding how to management materials. The ACM most likely to release asbestos fibers are those which are in a friable state. The definition of friable is any material, when dry, that is capable of being crumbled, pulverized or reduced to powder by hand pressure (40 CFR 763). Non-friable sources of asbestos are materials containing cement or asphaltic binder which may become friable and release fibers if the sources are exposed to actions such as abrasion, drilling, cutting, fracturing or hammering. Non-friable sources of asbestos do not typically pose a significant exposure risk if they remain in good condition and are not disturbed. During renovation or demolition activities or when subject to abrasive action, non-friable sources may become friable and thus may pose an exposure risk.

EPA protocols have been used in the evaluation of the condition of observed materials.

Good – Little or no visible damage or deterioration.

Damaged – Some insulation jackets are missing; water staining; crushing, gouges, punctures, or marring is evenly distributed.

Significantly Damaged – Damaged materials where the damage is extensive or severe. More than 10% of insulation jackets are missing; material is crushed, heavily gouged or punctured more than 10% of pipe runs, risers, boilers, tanks, ducts, etc.

The condition of materials is based upon observations at the time of the assessment, and is independent of the friable or non-friable nature of the materials.

Homogenous Areas

The United States Environmental Protection Agency (USEPA) as set forth in 40 CFR 763, defines a homogeneous area as “an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture.” The collection of a minimum number of representative samples from each homogeneous area is generally required for reports completed for compliance with Federal and other regulations. If asbestos is identified in any samples from a homogeneous area, the entire homogeneous area is considered to contain asbestos.

1.3.2 Sampling and Laboratory Analysis

A total of 21 bulk samples, 24 layers, of suspect asbestos containing materials were collected for analysis. Selected materials were analyzed using the Polarized Light Microscopy (PLM) method in accordance with the EPA reference method 600/R-93/116 for Determination of Asbestos in Bulk Building Materials.

The samples were analyzed by PLM at EMSL Analytical, Inc., which is accredited by the American Industrial Hygiene Association (AIHA) and the National Volunteer Laboratory Accreditation Program (NVLAP). The laboratory results and chain of custody are contained in **Appendix A**. A diagram indicating sample locations are contained in **Appendix B**. Documentation of the laboratory results should be retained as a reference for future renovation and/or demolition activities.

1.3.3 Limiting Conditions

The performance of this survey was limited by the following condition(s).

- Additional ACMs may be located within areas that were not accessed.
- Materials that would negatively impact the appearance or operation of the subject property were not sampled unless expressly directed by the client.
- Laboratory analysis was limited to evaluation of asbestos content by PLM, with a detection limit of 1%. Additional analysis, by point count or Transmission Electron Microscopy (TEM), may be required to meet state or local requirements.
- The survey was limited to areas which were considered readily accessible. No disassembly of equipment or accessing pipe chases, wall cavities or other inaccessible areas was conducted.

2.0 ANALYTICAL RESULTS

Federal regulations define ACM as any material containing more than one percent (1%) asbestos as determined using PLM (40 CFR 61).

A total of 21 bulk samples, 24 layers, of suspect asbestos containing materials were collected for analysis. The samples were analyzed by PLM at EMSL Analytical, Inc., which is accredited by the American Industrial Hygiene Association (AIHA) and the National Volunteer Laboratory Accreditation Program (NVLAP). The analytical results are listed in the following table. The laboratory results and chain of custody are contained in **Appendix A**. Sample locations are depicted on the diagram contained in **Appendix B**. Documentation of the laboratory results should be retained as a reference for future renovation and/or demolition activities.

Sampled Building Materials					
Sample No.	Material Category	Type of Material	Condition	Location	ACM %
1-1	Misc.	Joint compound White	Intact	Kitchen	None Detected (ND)
1-1	Misc.	Drywall - Gray	Intact	Kitchen	ND
1-2	Misc.	Joint compound White	Intact	Dining Room	ND
1-2	Misc.	Drywall - Gray	Intact	Dining Room	ND
1-3	Misc.	Joint compound White	Intact	Dining Room	ND
1-3	Misc.	Drywall - Gray	Intact	Dining Room	ND
2-1	Misc.	Lay-in Ceiling Panel - White, rigid	Intact	Office	ND
2-2	Misc.	Lay-in Ceiling Panel - White, rigid	Intact	Kitchen	ND
2-3	Misc.	Lay-in Ceiling Panel - White, rigid	Intact	Kitchen	ND
3-1	Misc.	Tan mastic on FRP	Intact	Storage	ND
3-2	Misc.	Tan mastic on FRP	Intact	Kitchen	ND
3-3	Misc.	Tan mastic on FRP	Intact	Kitchen	ND
4-1	Misc.	Gray duct sealant	Intact	Above kitchen ceiling	ND
4-2	Misc.	Gray duct sealant	Intact	Above kitchen ceiling	ND
5-1	Misc.	Roofing material - white	Intact	Roof	ND
5-2	Misc.	Roofing material - white	Intact	Roof	ND
5-3	Misc.	Roofing material - white	Intact	Roof	ND
6-1	Misc.	Exterior caulking - gray	Intact	Parapet wall on roof	ND
6-2	Misc.	Exterior caulking - gray	Intact	Wall seam	ND
6-3	Misc.	Exterior caulking - gray	Intact	Window seam	ND
6-4	Misc.	Exterior caulking - gray	Intact	Door seam	ND

Sampled Building Materials					
Sample No.	Material Category	Type of Material	Condition	Location	ACM %
7-1	Misc.	Synthetic stucco, various colors	Intact	Exterior wall	ND
7-2	Misc.	Synthetic stucco, various colors	Intact	Exterior wall	ND
7-3	Misc.	Synthetic stucco, various colors	Intact	Exterior wall	ND

3.0 CONCLUSION

Based on the conditions set forth in this report, ACM was not identified in the samples collected from the building.

Actions taken in regards to the ACM should be in compliance with any applicable federal, state, and local regulations or codes that may apply to handling, disposal, and contracting. Presently, general renovation and disposal operations at both publicly and privately owned and operated facilities are regulated by the federal USEPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) Asbestos Standard (40 CFR 61, Subpart M). Private contractors who may be retained by a private building owner and the building owner itself, are under jurisdiction of the Occupational Safety and Health Administration (OSHA) asbestos regulations (29 CFR 1910.1001 and 29 CFR 1926.1101, for the general and construction industries, respectively). Notification in regard to NESHAP compliance is required prior to demolition even if ACM is not present.

If new suspect materials are discovered that may be disturbed during renovation, all work should immediately stop, and additional samples shall be collected. Any suspect materials present which have not been surveyed should be assumed to be ACM until sufficient sampling and analysis is performed to confirm the presence or absence of asbestos.

4.0 RELIANCE

Partner was engaged by the Addressee, or their authorized representative, to perform this assessment. The engagement agreement specifically states the scope and purpose of the assessment, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at <http://www.partneresi.com/terms-and-conditions.php>

5.0 SIGNATURES OF PROFESSIONALS

No warranties, expressed or implied, are made by Partner, its subcontractors or employees. Professional services completed in connection with the work have been completed in with accordance with generally accepted engineering principles and practices.

This assessment was performed utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions presented herein are based upon existing conditions and the information and data available to us during the course of this assignment.

Prepared By:

Partner Engineering and Science, Inc.

A handwritten signature in blue ink, appearing to read "Michael Summy".

Michael Summy, State of Alabama
Inspector

Reviewed By:

A handwritten signature in blue ink, appearing to read "Rod L. Pawloski".

Rod L. Pawloski
Senior Project Manager

APPENDIX A: LABORATORY ANALYSIS & CHAIN OF CUSTODY



EMSL Analytical, Inc.

2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080

Tel/Fax: (770) 956-9150 / (770) 956-9181

<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 071909158

Customer ID: 32PRTN78

Customer PO: 19-2338691.1

Project ID:

Attention: Rod Pawloski
Partner Engineering and Science, Inc.
2154 Torrance Blvd
Suite 200
Torrance, CA 90501

Project: 19-2338691.1 / Steak N Shake

Phone: (310) 615-4500

Fax:

Received Date: 10/29/2019 2:00 PM

Analysis Date: 10/30/2019

Collected Date: 10/28/2019

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-1-Joint Compound 071909158-0001	Drywall / Joint Compound	White Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
1-1-Drywall 071909158-0001A	Drywall / Joint Compound	Gray Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
1-2-Joint Compound 071909158-0002	Drywall / Joint Compound	White Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
1-2-Drywall 071909158-0002A	Drywall / Joint Compound	Gray Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
1-3-Joint Compound 071909158-0003	Drywall / Joint Compound	White Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
1-3-Drywall 071909158-0003A	Drywall / Joint Compound	Gray Non-Fibrous Homogeneous	HA: 1	100% Non-fibrous (Other)	None Detected
2-1 071909158-0004	Lay-In Ceiling Panels (Rigid/White)	White Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
2-2 071909158-0005	Lay-In Ceiling Panels (Rigid/White)	White Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
2-3 071909158-0006	Lay-In Ceiling Panels (Rigid/White)	White Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
3-1 071909158-0007	Tan Mastic On FRP	Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
3-2 071909158-0008	Tan Mastic On FRP	Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
3-3 071909158-0009	Tan Mastic On FRP	Tan Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected

Initial report from: 10/30/2019 08:16:59



EMSL Analytical, Inc.

2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080

Tel/Fax: (770) 956-9150 / (770) 956-9181

<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 071909158

Customer ID: 32PRTN78

Customer PO: 19-2338691.1

Project ID:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4-1 071909158-0010	Gray HVAC Duct Sealant	Gray Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
4-2 071909158-0011	Gray HVAC Duct Sealant	Gray Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
5-1 071909158-0012	Roofing Material	White Fibrous Homogeneous	20% Synthetic HA: 5	80% Non-fibrous (Other)	None Detected
5-2 071909158-0013	Roofing Material	White Fibrous Homogeneous	20% Synthetic HA: 5	80% Non-fibrous (Other)	None Detected
5-3 071909158-0014	Roofing Material	Various Fibrous Homogeneous	10% Synthetic HA: 5	90% Non-fibrous (Other)	None Detected
6-1 071909158-0015	Exterior Caulking	Gray Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
6-2 071909158-0016	Exterior Caulking	Gray Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
6-3 071909158-0017	Exterior Caulking	Gray Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
6-4 071909158-0018	Exterior Caulking	Gray Non-Fibrous Homogeneous	HA: 6	100% Non-fibrous (Other)	None Detected
7-1 071909158-0019	Synthetic Stucco	Various Fibrous Homogeneous	20% Glass HA: 7	80% Non-fibrous (Other)	None Detected
7-2 071909158-0020	Synthetic Stucco	Various Fibrous Homogeneous	20% Glass HA: 7	80% Non-fibrous (Other)	None Detected
7-3 071909158-0021	Synthetic Stucco	Various Fibrous Homogeneous	20% Glass HA: 7	80% Non-fibrous (Other)	None Detected



EMSL Analytical, Inc.

2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080

Tel/Fax: (770) 956-9150 / (770) 956-9181

<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 071909158

Customer ID: 32PRTN78

Customer PO: 19-2338691.1

Project ID:

Analyst(s)

Anthony Sanaie (7)

Kyle Rich (17)

Michael Murphy
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. 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 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc Smyrna, GA NVLAP Lab Code 101048-1

Initial report from: 10/30/2019 08:16:59

EMSL ANALYTICAL, INC.
LABORATORY - PRODUCTS - TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

071909158

EMSL Analytical, Inc.
2205 Corporate Plaza Southeast
Suite 200
Smyrna, GA 30080
PHONE: (770) 956-9150
FAX: (770) 956-9181

Company Name : Partner ESI		EMSL Customer ID:	
Street: 2154 Torrance Blvd Suite 200		City: Torrance	State/Province: CA
Zip/Postal Code: 90501	Country: US	Telephone #: 310-615-4500	Fax #:
Report To (Name): Rod Pawloski		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: rpawloski@partneresi.com		Purchase Order:	
Project Name/Number: 19-238691.1 / State of Ohio / accelerated		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: AL		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments**			
Third Party Billing requires written authorization from third party			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part <input type="checkbox"/> 763 NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only) Other: <input type="checkbox"/>			
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Michael Summy		Samplers Signature: <i>Michael Summy</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1-1	Drywall / Joint compound	1	10-28-19
1-2	↓	1	↓
1-3	↓	1	↓
2-1	Lay-in ceiling panels (rigid/white)	2	↓
2-2	↓	2	↓
Client Sample # (s): 1-1 - 7-3		Total # of Samples: 21	
Relinquished (Client): <i>Michael Summy</i>		Date: 10-28-19	Time: UPS
Received (Lab): SP		Date: 10/29/19	Time: 2:00
Comments/Special Instructions: please cc kdimmeler@partneresi.com		UPS	



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

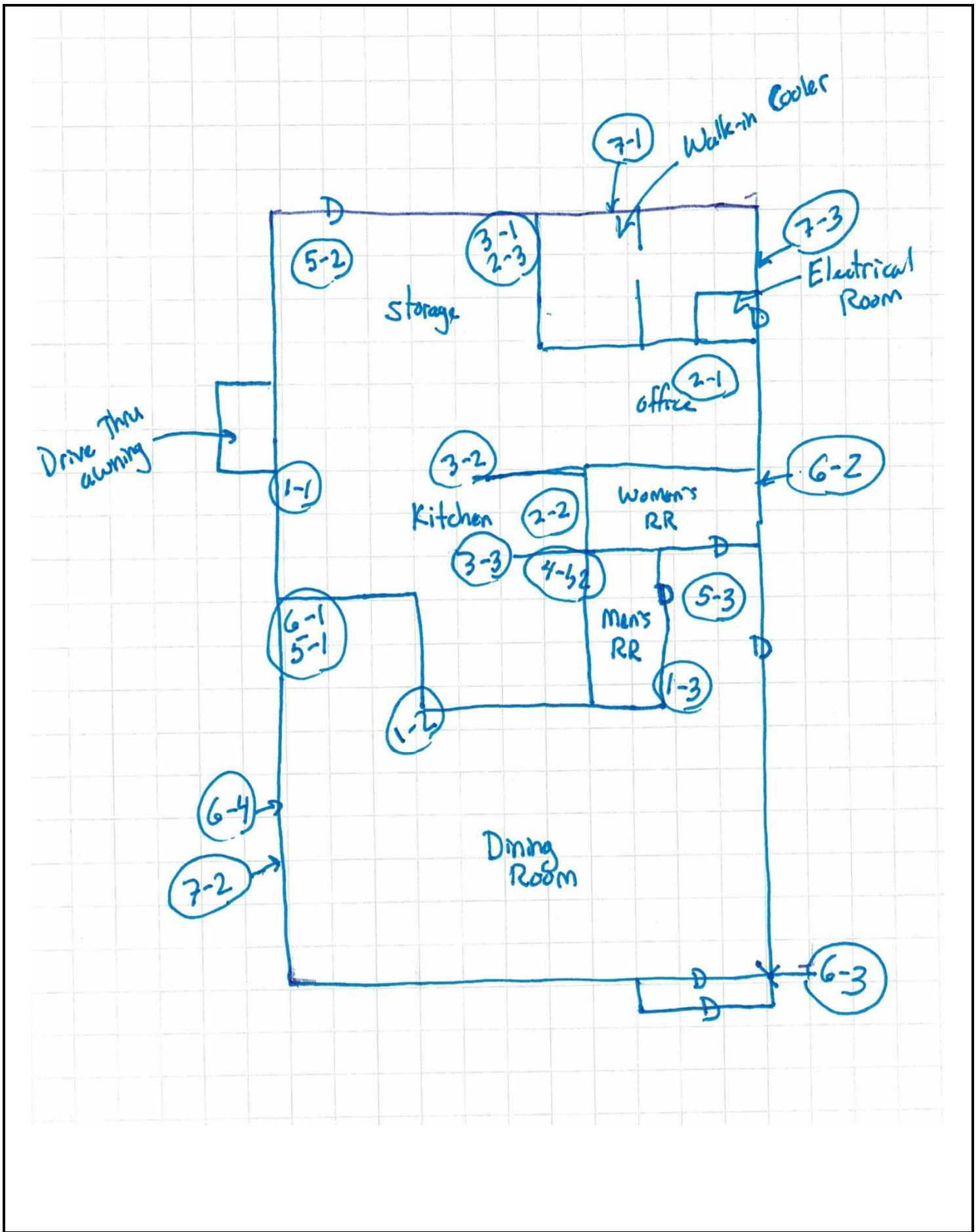
EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc.
2205 Corporate Plaza Southeast
Suite 200
Smyrna, GA 30080
PHONE: (770) 956-9150
FAX: (770) 956-9181

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2-3	Lay-in ceiling panels	2	10-28-19
3-1	Tan mastic on FRP	3	
3-2		3	
3-3		3	
4-1	Gray HVAC duct sealant	4	
4-2		4	
5-1	Roofing material	5	
5-2		5	
5-3		5	
6-1	Exterior caulking	6	
6-2		6	
6-3		6	
6-4		6	
7-1	Synthetic stucco	7	
7-2		7	
7-3		7	
*Comments/Special Instructions: please cc kdimmeler@partneresi.com			

APPENDIX B: SAMPLE DIAGRAM



APPENDIX C: CERTIFICATIONS

THE UNIVERSITY OF ALABAMA®

UA SafeState

has examined the documentation of asbestos training and qualifications of the person named below and confers this

Certificate of Accreditation

For the Asbestos Contractor Discipline

INSPECTOR

Michael D Summy

Alabama Accreditation Number
AIN0519130968

Certificate Expiration Date
May 9, 2020

This certificate has been issued pursuant to the authority granted to The University of Alabama SafeState Program by the Alabama Asbestos Contractor Accreditation Act, Alabama Act No. 89-517, May, 1989 and Alabama Act No. 97-626, May, 1997.


Executive Director



The University of Alabama
Safe State Program

Inspector

Michael D Summy

Accreditation No. AIN0519130968

Valid Thru: 5/9/2020


Michael Rasbury

Environmental Services Manager




Associate Director for Environmental Programs

APPENDIX D: PHOTOGRAPHIC DOCUMENTATION



1. View of the front building elevation



2. View of the side elevation of the building



3. View of the rear elevation for the building / synthetic stucco



4. View of roof/roofing material



5. View of the dining room



6. View of the storage room / lay-in ceiling panels



7. View of ceramic tile in the kitchen area



8. View of the storage area / walk-in cooler



9. View of the open ceiling in the dining area



10. View of the electrical room / water heater



11. View of ceramic tile flooring in the dining room



12. View of the duct sealant on the HVAC system