

Asbestos Survey Report

H.003453 – Lafayette Connector
409 Sampson Street
Lafayette, Louisiana 70501

March 7, 2023
Terracon Project No. EH237030



Prepared for:
Louisiana Department of Transportation
Baton Rouge, Louisiana

Prepared by:
Terracon Consultants, Inc.
Baton Rouge, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



March 7, 2023

Louisiana Department of Transportation (LADOT)
P.O. Box 94245
Baton Rouge, Louisiana 70804

Attn: Mr. Robert Richard (DOTD Task Manager)
P: 337.262.6250
E: Robert.Richard@la.gov

Re: Asbestos Survey Report
H.003453 – I-49 Lafayette Connector
409 Sampson Street
Lafayette, Louisiana 70501
Terracon Project No. EH237030

Dear Mr. Richard:

The purpose of this report is to present the results of the services performed at the residential structure located at 409 Sampson Street in Lafayette, Louisiana. The scope of work included an asbestos survey. These services were conducted in general accordance with our Right of Way Consultant Task Order Assignment (Contract No. 40000125) dated February 6, 2023. Terracon understands that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials (ACM) were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (225) 239-2626.

Sincerely,
Terracon Consultants, Inc.

Jeremiah A. Garms
Senior Staff Industrial Hygienist

Zack L. Dial, P.E.
Office Manager



Terracon Consultants, Inc. 2822-B O'Neal Lane Baton Rouge, Louisiana 70816
P [225] 239 2626 terracon.com

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ASBESTOS SURVEY REPORT
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409 Sampson Street
Lafayette, Louisiana
Terracon Project No. EH237030
March 7, 2023

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced structure located at 409 Sampson Street in Lafayette, Louisiana. The survey was conducted by Terracon’s Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector. The scope of Terracon’s survey included an asbestos survey. All work was conducted in accordance with our Right of Way Consultant Task Order Assignment (Contract No. 40000125) dated February 6, 2023.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) in compliance with the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified, and quantified prior to planned disturbances during demolition or renovation activities.

2.0 BUILDING DESCRIPTION

The subject structure consists of an approximately 1,223-square foot, single-story, aluminum siding with a pier and beam structure with a wooden frame and pitched metal roof. Interior finishes largely consisted of wood paneled walls/ceilings with woven coverings, plywood flooring, sheet flooring, and floor tiles.

3.0 FIELD ACTIVITIES

The asbestos survey was conducted by LDEQ accredited asbestos inspector Jeremiah A. Garms (AI#: 140570). The survey was conducted in general accordance with the sample collection

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protocols established in EPA regulation 40 CFR 763, the Asbestos Hazard Emergency Response Act (AHERA). A summary of survey activities is provided below.

3.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for renovation/demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. Building materials identified as concrete, glass, wood, masonry, metal, or rubber were not considered suspect ACM.

Terracon could not assess all void spaces within walls and ceilings or beneath all floor coverings. Therefore, there may be isolated areas of additional suspect material present in the structure.

3.2 Physical Assessment

A physical assessment of each homogeneous area (HA) of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material that can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols. Random samples of suspect materials were collected in each homogeneous area. The inspector collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

Thirty-two (32) bulk samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selective photographs of HAs are presented in Appendix C.

3.4 Sample Analysis

Suspect ACM bulk samples were submitted under chain of custody to Scientific Analytical Institute, Inc. (SAI) of Greensboro, North Carolina for analysis by Polarized Light Microscopy with dispersion staining techniques (PLM/DS) per EPA's Method for the Determination of Asbestos in Bulk Building Materials (600/R-93-116). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. SAI is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No. 200664-0) and Louisiana Environmental Lab

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Accreditation Program (LELAP Certificate No. 04129). Analytical results and sample chain-of-custody documentation are included in Appendix B of this report.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar, and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited by the State of Louisiana, through the LDEQ. An asbestos-related activity consists of the disturbance (whether intentional or unintentional) or abatement of ACM, the performance of asbestos surveys, the development of management plans and response actions, asbestos project design, the collection or analysis of asbestos samples, monitoring for airborne asbestos or any other activity required to be accredited under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

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The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC 2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC 2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM above established regulatory thresholds must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS & RECOMMENDATIONS

Asbestos was not detected in the samples collected and analyzed as part of our sampling at this site.

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March 7, 2023 ■ Terracon Project No. EH237030



The Louisiana Air Quality Regulations (LAC 33:II Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. The results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

It should be noted that suspect materials, other than those identified during this survey, may exist within the building. Should suspect materials other than those that were identified during this survey be uncovered during the demolition process, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

A summary of each material sampled and analyzed is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Room ID designations, and sample locations are presented in Appendix D.

6.0 SPECIAL CONDITIONS

Additional 400-point count analysis was conducted on the below mentioned materials identified to contain 2-3% asbestos that confirmed the presence of asbestos in concentrations of <1% in the following materials:

- HA-04 – 4x4 White ceramic tile with associated grout and thin set located in the bathroom

Although these materials are not considered asbestos-containing, the OSHA asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc). The disturbance of this material has the potential to result in the release of airborne asbestos fibers

7.0 GENERAL COMMENTS

It should be noted that suspect materials, other than those identified during this inspection may exist within the building. Should suspect materials other than those which were identified during this inspection be uncovered during the demolition process, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

This asbestos survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based

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March 7, 2023 ■ Terracon Project No. EH237030



on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the Louisiana Department of Transportation for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

**APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY**

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
H.003453 – Lafayette Connector
409 Sampson Street
Lafayette, Louisiana
Terracon Project No. EH237030

HA	Material Description	Material Location	Condition	Sample Number	Lab Results
01	12x12 White/Beige floor tile with associated mastic	Kitchen, Dining Room, and Laundry Room	Damaged	FT2-01-01	Floor Tile - None Detected Mastic – None Detected
				FT2-01-02	Floor Tile - None Detected Mastic – None Detected
				FT2-01-03	Floor Tile - None Detected Mastic – None Detected
				FT2-01-04	Floor Tile - None Detected Mastic – None Detected
				FT2-01-05	Floor Tile - None Detected Mastic – None Detected
02	Sheet flooring with floral designs	Restroom Only	Damaged	FC1-02-06	Sheet Flooring - None Detected Mastic – None Detected
				FC1-02-07	Sheet Flooring - None Detected Mastic – None Detected
				FC1-02-08	Sheet Flooring - None Detected Mastic – None Detected
03	12x12 White fibrous ceiling tiles (Stapled)	Kitchen, Dining Room, Laundry Room, and Bedroom #2	Damaged	CT1-03-09	None Detected
				CT1-03-10	None Detected
				CT1-03-11	None Detected
				CT1-03-12	None Detected
				CT1-03-13	None Detected
04	4x4 White ceramic tile with thin set/grout	Restroom	Good	FT5-04-14	Ceramic Tile - None Detected Thin Set – None Detected
				FT5-04-15	Ceramic Tile - None Detected Thin Set - 0.50% Chrysotile (400 Point Count)
				FT5-04-16	Ceramic Tile - None Detected Thin Set - 0.25% Chrysotile (400 Point Count)
05	2x4 Blue ceramic tile with thin set/grout	Restroom	Good	FT5-05-17	Ceramic Tile - None Detected Thin Set – None Detected
				FT5-05-18	Ceramic Tile - None Detected Thin Set – None Detected
				FT5-05-19	Ceramic Tile - None Detected Thin Set – None Detected

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ASBESTOS SURVEY SAMPLE SUMMARY
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409 Sampson Street
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Terracon Project No. EH237030

HA	Material Description	Material Location	Condition	Sample Number	Lab Results
06	Tan squared sheet flooring with paper backing	Bedroom #1 Closet	Good	FC1-06-20	Sheet Flooring - None Detected
				FC1-06-21	Sheet Flooring - None Detected
				FC1-06-22	Sheet Flooring - None Detected
07	White window caulking	Exterior Windows	Good	CA1-07-23	White Window Caulk - None Detected
				CA1-07-24	White Window Caulk - None Detected
				CA1-07-25	White Window Caulk - None Detected
08	Woven wall coverings	Throughout	Damaged	WP5-08-26	Woven wall coverings - None Detected
				WP5-08-27	Woven wall coverings - None Detected
				WP5-08-28	Woven wall coverings - None Detected
				WP5-08-29	Woven wall coverings - None Detected
				WP5-08-30	Woven wall coverings - None Detected
				WP5-08-31	Woven wall coverings - None Detected
				WP5-08-32	Woven wall coverings - None Detected

APPENDIX B
LABORATORY ANALYTICAL REPORTS



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Terracon
2822-B O'Neal Lane
Baton Rouge , La 70816

Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PLM

Date Received: 02/22/2023

Date Reported: 02/27/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
FT2-1-1 - A	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0001	tile				Dissolved
FT2-1-1 - B	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10017007_0033	mastic				Dissolved
FT2-1-2 - A	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0002	tile				Dissolved
FT2-1-2 - B	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10017007_0034	mastic				Dissolved
FT2-1-3 - A	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0003	tile				Dissolved
FT2-1-3 - B	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10017007_0035	mastic				Dissolved
FT2-1-4 - A	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0004	tile				Dissolved
FT2-1-4 - B	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10017007_0036	mastic				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (46)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Terracon
2822-B O'Neal Lane
Baton Rouge, La 70816

Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PLM

Date Received: 02/22/2023

Date Reported: 02/27/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
FT2-1-5 - A	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0005	tile				Dissolved
FT2-1-5 - B	12x12 White/beige floor tile w/ mastic	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10017007_0037	mastic				Dissolved
FC1-2-6 - A	Floral designed sheet flooring	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0006	sheet flooring				Dissolved
FC1-2-6 - B	Floral designed sheet flooring	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10017007_0038	mastic				Dissolved
FC1-2-7 - A	Floral designed sheet flooring	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0007	sheet flooring				Dissolved
FC1-2-7 - B	Floral designed sheet flooring	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10017007_0039	mastic				Dissolved
FC1-2-8 - A	Floral designed sheet flooring	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10017007_0008	sheet flooring				Dissolved
FC1-2-8 - B	Floral designed sheet flooring	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10017007_0040	mastic				Dissolved

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By Polarized Light Microscopy
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Customer: Terracon
2822-B O'Neal Lane
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Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PLM

Date Received: 02/22/2023

Date Reported: 02/27/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
CT1-3-9	12x12 White fibrous ceiling tile (stapled)	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
10017007_0009					Teased
CT1-3-10	12x12 White fibrous ceiling tile (stapled)	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
10017007_0010					Teased
CT1-3-11	12x12 White fibrous ceiling tile (stapled)	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
10017007_0011					Teased
CT1-3-12	12x12 White fibrous ceiling tile (stapled)	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
10017007_0012					Teased
CT1-3-13	12x12 White fibrous ceiling tile (stapled)	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
10017007_0013					Teased
FT5-4-14 - A	4x4 White ceramic tile w/ thinset/grout	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0014	ceramic tile				Crushed
FT5-4-14 - B	4x4 White ceramic tile w/ thinset/grout	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10017007_0041	thinset				Crushed, Dissolved
FT5-4-15 - A	4x4 White ceramic tile w/ thinset/grout	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0015	ceramic tile				Crushed

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Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PLM

Date Received: 02/22/2023

Date Reported: 02/27/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
FT5-4-15 - B	4x4 White ceramic tile w/ thinset/grout	2% Chrysotile		98% Other	Gray Non-Fibrous Homogeneous
10017007_0042	thinset				Dissolved, Crushed
FT5-4-16 - A	4x4 White ceramic tile w/ thinset/grout	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0016	ceramic tile				Crushed
FT5-4-16 - B	4x4 White ceramic tile w/ thinset/grout	2% Chrysotile		98% Other	Gray Non-Fibrous Homogeneous
10017007_0043	thinset				Crushed, Dissolved
FT5-5-17 - A	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Blue Non-Fibrous Homogeneous
10017007_0017	ceramic tile				Crushed
FT5-5-17 - B	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10017007_0044	tile				Crushed, Dissolved
FT5-5-18 - A	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Blue Non-Fibrous Homogeneous
10017007_0018	ceramic tile				Crushed
FT5-5-18 - B	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10017007_0045	thinset				Dissolved, Crushed
FT5-5-19 - A	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Blue Non-Fibrous Homogeneous
10017007_0019	ceramic tile				Crushed

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Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Terracon
 2822-B O'Neal Lane
 Baton Rouge , La 70816

Attn: Jeremiah Garms

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Date Received: 02/22/2023

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Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
FT5-5-19 - B	2x4 Blue ceramic tile w/ thinset/grout	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10017007_0046	thinset				Dissolved, Crushed
FC1-6-20	Tan squared designed sheet flooring w/ paperback	None Detected	25% Cellulose 5% Fiber Glass	70% Other	Tan Fibrous Homogeneous
10017007_0020					Dissolved, Teased
FC1-6-21	Tan squared designed sheet flooring w/ paperback	None Detected	25% Cellulose 5% Fiber Glass	70% Other	Tan Fibrous Homogeneous
10017007_0021					Teased, Dissolved
FC1-6-22	Tan squared designed sheet flooring w/ paperback	None Detected	25% Cellulose 5% Fiber Glass	70% Other	Tan Fibrous Homogeneous
10017007_0022					Dissolved, Teased
CA1-7-23	White window caulk	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0023					Dissolved
CA1-7-24	White window caulk	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0024					Dissolved
CA1-7-25	White window caulk	None Detected		100% Other	White Non-Fibrous Homogeneous
10017007_0025					Dissolved
WP5-8-26	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Pink Non-Fibrous Homogeneous
10017007_0026					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (46)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Terracon
 2822-B O'Neal Lane
 Baton Rouge, La 70816

Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PLM

Date Received: 02/22/2023

Date Reported: 02/27/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
WP5-8-27	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Green Fibrous Homogeneous
10017007_0027					Ashed
WP5-8-28	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	White Fibrous Homogeneous
10017007_0028					Ashed
WP5-8-29	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Pink Fibrous Homogeneous
10017007_0029					Ashed
WP5-8-30	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Pink Fibrous Homogeneous
10017007_0030					Ashed
WP5-8-31	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Pink Fibrous Homogeneous
10017007_0031					Ashed
WP5-8-32	Woven wall coverings on wood walls	None Detected	75% Cellulose	25% Other	Pink Fibrous Homogeneous
10017007_0032					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (46)

Analyst

Approved Signatory

Lab Name: SAI

 Terracon Billing Office: Baton Rouge, LA

 Phone No. 225-239-2636 Page 1 of 2

Project Name: <u>DoTD</u>	Project Number: <u>FH237030</u>	Project Manager: <u>Jeremiah Garms</u>
Project Address: <u>409 Sampson Street</u>	City/State / Zip: <u>Lafayette, LA</u>	Email Results To: <u>jerry.garms@Terracon.com</u>
Site/Building:		

HA	Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location/Notes	Condition ¹	Friable? ²	Estimated Quantity
1	FTA-1-1	Kitchen	12x12 White/Beige floor tile w/Mastic ↓	Kitchens Dining Laundry Room ↓	G SD	N	1200 SF/LF/ Units
	1-2	Kitchen					
	1-3	Laundry Rm					
1	1-4	Dining Rm	↓	↓	G SD	N	1200 SF/LF/ Units
	1-5	Kitchen					
2	FCI-2-6	Restrooms	Floral Designed Sheet flooring ↓	Restroom Only	G SD	N	250 SF/LF/ Units
	2-7						
	2-8						
3	CTI-3-9	Dining Rm	12x12 White Fibrous ceiling Tile (stapled) ↓	Kitchen bedroom #2 Dining Laundry room ↓	G SD	N	1,200 SF/LF/ Units
	3-10	Kitchen					
	3-11	Laundry Rm					
3	CTI-3-12	Bedroom #2	↓	↓	G SD	N	1,200 SF/LF/ Units
	CTI-3-13	Bedroom #2					

Sampling Date: <u>2-21-23</u>	Collected by (print): <u>Jeremiah Garms</u>	Inspector's Signature:
Relinquished by:	Date/Time: <u>2-21-23 /</u>	Received by: _____ Date/Time: _____
Analysis: <u>PLM EPA 800/R-93/116</u> PLM 400 Point Count - TEM - Other _____		Positive Stop: <input type="checkbox"/> Number of samples: <u>32</u>
Turnaround Time: 6 Hrs - 24 Hrs - 2 Days <u>3 Days</u> - 5 Days - Other _____		

¹ G = Good (no damage); D = Damaged (<10% distributed or <25% localized); or SD = Significantly Damaged (>10% distributed or >25% localized); ² Friable NF=Non-Friable

10017007

Lab Name: SAI

Terracon Billing Office: Baton Rouge, LA

Phone No. 225-239-2636 Page 2 of 2

HA	Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location/Notes	Condition ¹	Friable? ¹	Estimated Quantity
4	FTS-4-14	Restroom	4x4 white ceramic tile w/ Thinset/Grout	Bathroom/Restroom	G D SD	Y/N	250 SF/LF/ Units
	↓ 4-15	↓					
	↓ 4-16	↓					
5	FTS-5-17	↓	2x4 Blue ceramic tile w/ Thinset/Grout	Bathroom/Restroom	G D SD	Y/N	75 SF/LF/ Units
	↓ 5-18						
	↓ 5-19						
6	FCI-6-20	Bedroom #1 Closet	Tan Squared designed sheet Flooring w/ Paperback	Bedroom #1 closet	G D SD	Y/N	100 SF/LF/ Units
	↓ 6-21	↓					
	↓ 6-22	↓					
7	CA1-7-23	Ext. Windows	White window Caulk	Exterior windows	G D SD	N/N	2,700 SF/LF/ Units
	↓ 7-24	↓					
	↓ 7-25	↓					
8	WPS-8-26	Dining Rm	Woven wall coverings on wood walls	Throughout	G D SD	N/N	2,700 SF/LF/ Units
	↓ 8-27	Dining Rm					
	↓ 8-28	Bedroom #2					
8	↓ 8-29	Living Rm.	↓	↓	G D SD	Y/N	SF/LF/ Units
	↓ 8-30	↓					
	↓ 8-31	↓					
8	↓ 8-32	↓	↓	↓	G D SD	Y/N	SF/LF/ Units



Bulk Asbestos Analysis

Point Counting Procedure
By Polarized Light Microscopy
EPA Method: 600/R-93/116 and



Customer: Terracon
2822-B O'Neal Lane
Baton Rouge , La 70816

Attn: Jeremiah Garms

Lab Order ID: 10017007

Analysis: PT4

Date Received: 02/27/2023

Date Reported: 03/01/2023

Project: DOTD 409 Sampson Street

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
FT5-4-15 - A	4x4 White ceramic tile w/ thinset/grout	<1% Chrysotile		100% Other	Gray Non-Fibrous Homogeneous
10017007_0015	thinset - 0.50% chrysotile				Crushed, Dissolved
FT5-4-16 - A	4x4 White ceramic tile w/ thinset/grout	<1% Chrysotile		100% Other	Gray Non-Fibrous Homogeneous
10017007_0016	thinset - 0.25% chrysotile				Crushed, Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.25%.

Charmel Dozier (2)

Analyst

Approved Signatory

100/1007

Lab Name: SAI

Terracon Billing Office: Baton Rouge, LA

Phone No. 225-239-2636 Page 1 of 2

Project Name: <u>DoTD</u>	Project Number: <u>FH237030</u>	Project Manager: <u>Jeremiah Garms</u>
Project Address: <u>409 Sampson Street</u>	City/State / Zip: <u>Lafayette, LA</u>	Email Results To: <u>jerry.garms@Terracon.com</u>
Site/Building:		

HA	Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location/Notes	Condition ¹	Friable? ²	Estimated Quantity
1	FTA-1-1	Kitchen	12x12 White/Beige floor tile w/Mastic	Kitchens Dining Laundry Room	G <input checked="" type="radio"/> SD	<input checked="" type="radio"/> Y/N	1200 <input checked="" type="radio"/> SF / LF / Units
	1-2	Kitchen					
	1-3	Laundry Rm					
1	1-4	Dining Rm	↓	↓	G <input checked="" type="radio"/> SD	<input checked="" type="radio"/> Y/N	1200 <input checked="" type="radio"/> SF / LF / Units
	1-5	Kitchen					
2	FCI-2-6	Restrooms	Floral Designed Sheet Flooring	Restroom Only	G <input checked="" type="radio"/> SD	<input checked="" type="radio"/> Y/N	250 <input checked="" type="radio"/> SF / LF / Units
	2-7	↓					
	2-8	↓					
3	CTI-3-9	Dining Rm	12x12 White Fibrous Ceiling Tile (Staped)	Kitchen bedroom #2 Dining Laundry Rm	G <input checked="" type="radio"/> SD	<input checked="" type="radio"/> Y/N	1,200 <input checked="" type="radio"/> SF / LF / Units
	3-10	Kitchen					
	3-11	Laundry Rm					
3	CTI-3-12	Bedroom #2	↓	↓	G <input checked="" type="radio"/> SD	<input checked="" type="radio"/> Y/N	1,200 <input checked="" type="radio"/> SF / LF / Units
	CTI-3-13	Bedroom #2					

Sampling Date: <u>2-21-23</u>	Collected by (print): <u>Jeremiah Garms</u>	Inspector's Signature: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>2-21-23 /</u>	Received by: <u>[Signature]</u>
Analysis: <u>PLM EPA 800/R-93/116</u> PLM 400 Point Count - TEM - Other	Positive Stop: <input type="checkbox"/>	Number of samples: <u>32</u>
Turnaround Time: 6 Hrs - 24 Hrs - 2 Days <input checked="" type="radio"/> 3 Days - 5 Days - Other	<u>[Signature]</u>	

¹ G = Good (no damage); D = Damaged (<10% distributed or <25% localized); or SD = Significantly Damaged (>10% distributed or >25% localized); ² Friable NF=Non-Friable

10017007

Lab Name: SAI

Terracon Billing Office: Baton Rouge, LA

Phone No. 225-239-2636 Page 2 of 2

HA	Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location/Notes	Condition ¹	Friable? ¹	Estimated Quantity
4	FTS-4-14	Restroom	4x4 white ceramic tile w/ Thinset/Grout	Bathroom/Restroom	G D SD	Y/N	250 SF/LF/ Units
	↓ 4-15	↓					
	↓ 4-16	↓					
5	FTS-5-17	↓	2x4 Blue ceramic tile w/ Thinset/Grout	Bathroom/Restroom	G D SD	Y/N	75 SF/LF/ Units
	↓ 5-18						
	↓ 5-19						
6	FCI-6-20	Bedroom #1 Closet	Tan Squared designed sheet Flooring w/ Paperback	Bedroom #1 closet	G D SD	Y/N	100 SF/LF/ Units
	↓ 6-21	↓					
	↓ 6-22	↓					
7	CA1-7-23	Ext. Windows	White window Caulk	Exterior windows	G D SD	N/N	2,700 SF/LF/ Units
	↓ 7-24	↓					
	↓ 7-25	↓					
8	WPS-8-26	Dining Rm	Woven wall coverings on wood walls	Throughout	G D SD	N/N	2,700 SF/LF/ Units
	↓ 8-27	Dining Rm					
	↓ 8-28	Bedroom #2					
8	↓ 8-29	Living Rm.	↓	↓	G D SD	Y/N	SF/LF/ Units
	↓ 8-30	↓					
	↓ 8-31	↓					
8	↓ 8-32	↓	↓	↓	G D SD	Y/N	SF/LF/ Units

APPENDIX C
PHOTOGRAPH LOG

Service Date: February 21, 2023
Report Date: March 3, 2023

Client

Louisiana Department of Transportation (LADOT)
P.O. Box 94245
Baton Rouge, Louisiana 70804

Project

H.003453 – I-49 Lafayette Connector
409 Sampson Street
Lafayette, Louisiana 70501

Project Number: EH237030



Photo #1: View of HA-1 - 12x12 White or Beige floor tile with associated mastic



Photo #2: View of HA-2 – Floral Designed sheet flooring with paper backing



Photo #3: View of HA-3 – 12x12 white ceiling tile (stapled)



Photo #4: View of HA-4 – 4x4 White bathroom tile with associated thin set/grout



Photo #5: View of HA-5 – 2x4 Light blue bathroom tile with associated thin set/grout

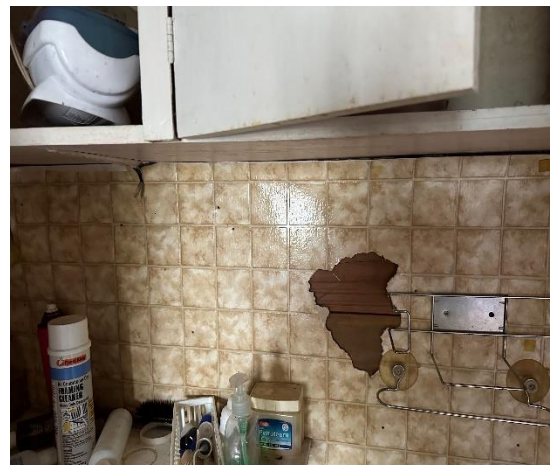


Photo #6: View of HA-6 – Tan squared patterned sheet flooring with paper backing (stapled and nailed to wall)

Service Date: February 21, 2023
Report Date: March 2, 2023

Client

Louisiana Department of Transportation (LADOT)
P.O. Box 94245
Baton Rouge, Louisiana 70804

Project

H.003453 – I-49 Lafayette Connector
409 Sampson Street
Lafayette, Louisiana 70501

Project Number: EH237030



Photo #7: View of HA-7 – White exterior caulking along windows



Photo #8: View of HA-8 – Woven wall covering on wood walls



Photo #9: General view of the laundry room area



Photo #10: General view of the Kitchen/Dining areas

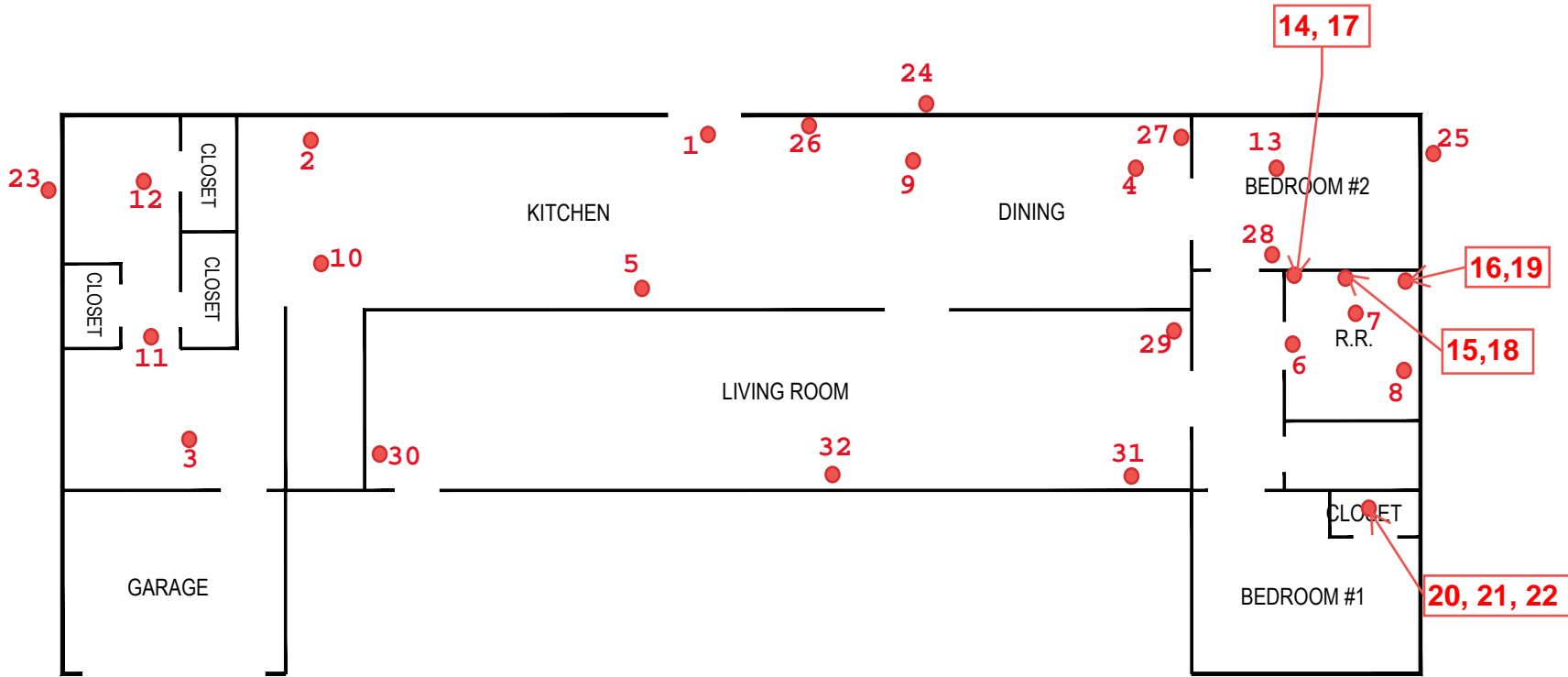


Photo #11: General view of the hallway



Photo #12: General view of bedroom #1

APPENDIX D
EXHIBITS



NOT TO SCALE

LEGEND

● SAMPLE LOCATION

Project Mngr: JG	Project No. EH237030		SAMPLE LOCATION DIAGRAM		EXHIBIT
Drawn By: RLW	Scale: AS SHOWN		HAZARDOUS BUILDING MATERIAL SURVEY		
Checked By: JG/MRF	File No. ASEH237030-1		DOTD - 409 SAMPSON STREET		
Approved By: JG	Date: FEBRUARY 2023		409 SAMPSON STREET		1
		<small>2822-B O'Neal Lane, Building B, Baton Rouge, LA 70816 (225) 344-6052</small>		<small>LAFAYETTE, AL (225) 344-6346</small>	

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Jeremiah A Garms

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. OI140570

AI No. 140570

Date of Issuance October 25, 2022

Expiration October 21, 2023

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Jeremiah A Garms

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Inspector

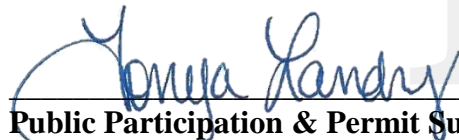
Accreditation No. MI140570

AI No. 140570

Date of Issuance March 18, 2022

Expiration March 1, 2023

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.



Public Participation & Permit Support Division
Office of Environmental Services

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Read Receipt Requested

AI No. 131972
Activity No. ACC20220001
LELAP Lab ID # 04129
Accreditation Year FY 2023
Renewal due FY 2024

Mr. Nathaniel Durham
Scientific Analytical Institute Inc
4604 Dundas Dr
Greensboro, North Carolina 27407

Re: Annual Scope of Accreditation

Dear Mr. Durham:

The Louisiana Department of Environmental Quality's laboratory accreditation program, in accordance with Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation, accredits this laboratory for Fiscal Year 2023. This accreditation does not constitute an endorsement of the suitability of the listed methods for any specific purpose. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by Louisiana Environmental Laboratory Accreditation Program LELAP. The laboratory is accredited for the methods as identified on the application for accreditation; if the methods are partially identified on the application for accreditation, the laboratory is accredited for the versions listed on the current application or referenced in the laboratory standard operating procedure.

LELAP accreditation is granted for those methods/analytes for which "ISO 17025 and AIHA Policy Module" is indicated as the type of accreditation. Accreditation is dependent on the laboratory's successful ongoing compliance with regulations as outlined in the Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation.

The accreditation certificate is the property of the State of Louisiana. Should your accreditation be suspended or revoked, your laboratory must return the certificate of accreditation to the department and delete any electronic copies until your accreditation status is restored.

LAC 33:I.5313.A requires that the laboratory report include all relevant information. Therefore, the certificate number shall be placed in the upper right corner of all laboratory reports. If the test report includes results of any test for which the laboratory is not accredited, the unaccredited results must be clearly identified as such.

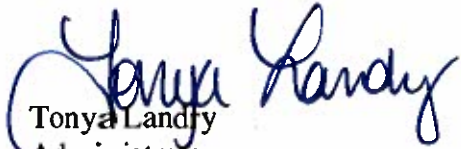
We request that you examine the scope of accreditation attachment for accuracy and completeness. If you find that an analyte for which you expected to be accredited is not listed, please examine your records to ensure that:

1. You have met the requirements for successful participation in proficiency test studies as outlined in LAC 33:I.4501.D.
2. In the case of accreditation by recognition, the requested analyte must be listed for the requested method and matrix on both the certificate issued by the Primary Accreditation Body *and* on the Louisiana application form.

If after reviewing this information, the scope and/or certificate are inaccurate, please notify us immediately.

If you have any questions, please contact your assigned assessor Mr. Joseph Kieffer, Environmental Scientist at (225) 219-3302.

Sincerely,

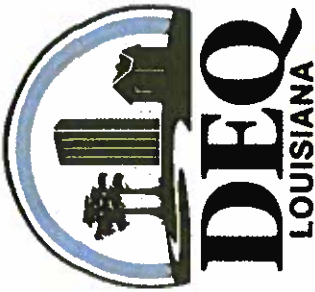


Tonya Landry
Administrator

Public Participation and Permit Support Services Division

6/24/2022
Date

TL:PB:JK



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



Scientific Analytical Institute Inc
4604 Dundas Dr
Greensboro, North Carolina 27407

Agency Interest No. 131972
Activity No. ACC20220001

According to the Louisiana Administrative Code, Title 33, Part 1, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 1. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.

Tonya Landry
Administrator
Public Participation and Permit Support Services Division

Issued Date: 6/24/2022
Effective Date: July 1, 2022
Expiration Date: June 30, 2023
Certificate Number: 04129



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2022

4604 Dundas Dr, Greensboro, North Carolina 27407

Certificate Number: 04129

Scientific Analytical Institute Inc
AI Number: 131972
Activity No. ACC20220001
Expiration Date: June 30, 2023

Air Emissions

Analyte	Method Name	Method Code	Type	AB
1520 - Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	ISO 17025	NVLAP
1520 - Asbestos	NIOSH 7400, Rev.3	90018001	AIHA Policy Module	AIHA
1520 - Asbestos	NIOSH 7402, Rev.2	90018023	AIHA Policy Module	AIHA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	40 CFR 763, Subpart E, Appendix E (Section 1.PLM)	2004	ISO 17025	NVLAP
100030 - Asbestos in Friable Material	40 CFR 763, Subpart E, Appendix E (Section 1.PLM)	2004	ISO 17025	NVLAP
1520 - Asbestos	EPA 600/R-93/116	10294583	ISO 17025	NVLAP
100095 - Asbestos in Bulk Insulation	EPA 600/R-93/116	10294583	ISO 17025	NVLAP

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200664-0

Scientific Analytical Institute
Greensboro, NC

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2022-01-01 through 2022-12-31

Effective Dates



A handwritten signature in blue ink, reading "Dana S. Gorman".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
Mr. Nathaniel Durham
Phone: 336-292-3888 Fax: 336-292-3313
Email: ndurham@sailab.com
<http://www.sailab.com>

ASBESTOS FIBER ANALYSIS

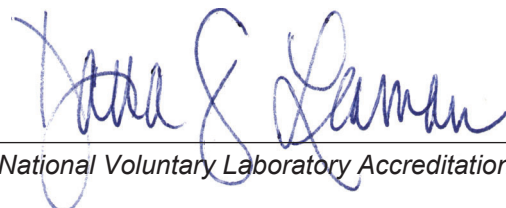
NVLAP LAB CODE 200664-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program