



September 7, 2021
Leaaf # DOT-026A

Radha Kumar
DOTD Program Specialist
Real Estate Section
Louisiana Department of Transportation & Development
1201 Capitol Access Road, Room S-337
Baton Rouge, LA 70802

RE: Asbestos Survey Report
State Project Number: H.003453
Project Name: Lafayette Connector, Parcel ADV-27-P1
128 Jefferson Blvd., Lafayette, LA, 70501

Dear Mr. Kumar:

Attached is one (1) copy of the Asbestos Survey Report for the above referenced project. If you have any questions, please call me at (504) 342 – 2687.

Sincerely,

Leaaf Environmental, LLC

Jim Blazek, Jr.
Sr. Environmental Professional

Attachments: Asbestos Survey Report



September 7, 2021
Sent via email: Radha.Kumar@la.gov
Sent via email: Kiawasha.White@la.gov
Leaaf # DOT-026A

Kiawasha White
Radha Kumar
Louisiana Department of Transportation & Development
Real Estate Section 23
1201 Capitol Access Road
Baton Rouge, LA 70802

RE: Asbestos Survey Report
State Project Number: H.003453
Project Name: Lafayette Connector, Parcel ADV-27-P1
128 Jefferson Blvd., Lafayette, LA, 70501

Dear Ms. White:

The following letter report summarizes the findings of the Asbestos Survey completed by Leaaf Environmental, LLC (Leaaf) on September 1, 2021, by Louisiana Department of Environmental Quality (LDEQ) Asbestos Inspector Jim Blazek, Jr. (CERT # JI094366). The survey was conducted on the property located at 128 Jefferson Blvd., Lafayette, LA, 70501 (also known as Parcel ADV-27-P1). Refer to Appendix A for an illustration of the location of the property.

Executive Summary

The samples analyzed indicate that asbestos above the regulatory limit is present in the following building materials:

Asbestos-Containing Materials	Asbestos Type	Estimated Quantities
Exterior Window Caulk	Category X – non-friable	96 Linear Feet (LF)
Roofing Tar on Brick Parapet Wall (top and inside wall – beneath asphalt roofing and potentially plywood)	Category X – non-friable	462 Square Feet (SF)

Survey

Sixteen (16) bulk samples were collected in accordance with the procedures detailed in Appendix B – Attachment 1. The sampling was documented on field forms, which can be found in Appendix B – Attachment 2. The samples were sent to Eurofins EMLab P&K, a LDEQ Certified LELAP laboratory (Ft. Lauderdale, FL, AI # 144892, CERT # 04153) for Polarized Light Microscopy (PLM) analysis. Several of the samples were broken into layers by the laboratory; therefore, a total of Twenty (20) analyses were completed. Refer to Appendix B – Attachment 3 for a copy of the laboratory reports and chain-of-custody.

Findings

The Louisiana Department of Environmental Quality defines asbestos-containing materials as having an asbestos content of 1% or greater. Based on the PLM analytical results, asbestos above the regulatory limit is present in the building materials listed above. The demolition contractor and/or their subcontractor will need to fill the appropriate forms with the LDEQ in accordance with the Louisiana Administrative Code, Title 33, Part III, Chapter 51.

1	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715



September 7, 2021
Sent via email: Radha.Kumar@la.gov
Sent via email: Kiawasha.White@la.gov
Leaaf # DOT-026A

If there are any questions or additional information is needed, please contact me at (504) 342-2687.

Sincerely,

Leaaf Environmental, LLC

Jim Blazek, Jr.
Sr. Environmental Professional

Attachment (support documents)

Appendices

Appendix A – Property Location Map

Appendix B – Bulk Sampling Support Documentation

Attachment 1 – Sampling & Analysis Method

Attachment 2 – Field Documentation

Attachment 3 – Analytical Results and Chain of Custody

Appendix C – Sources of Information


Attachment	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715

Appendix A

Property Location Map

Attachment	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715



 Leaaf Environmental, LLC www.leaaf.com	Source:	Property:	Drawing Name:
	Google Earth	Parcel ADV-27-P1 128 Jefferson Blvd., Lafayette, LA, 70501	Property Location Map

Attachment	Leaaf Environmental, LLC	www.leaaf.com
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Appendix B

Bulk Sampling Support Documentation

Attachment 1 – Sampling & Analysis Method

Attachment 2 – Field Documentation

Attachment 3 – Analytical Results and Chain of Custody

Attachment	Leaf Environmental, LLC	www.leaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715

Attachment 1

Sampling & Analysis Method

Attachment	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715

Sampling & Analysis Method

General Procedures:

The property is walked to identify the general construction of the structure(s). Building materials are categorized into three different types: Surfacing Materials, Thermal System Insulation and Miscellaneous Material. Samples are collected and sent to a third party for PLM analysis. Once the results are received, Leaaf reviews the samples to determine if any fall between 1-5% asbestos. If so Leaaf will typically recommend that point count analysis is implemented. Results are reviewed and the samples that are found to contain asbestos >1% asbestos are identified in the report.

Regulatory Authority:

Asbestos is a known human and animal carcinogen. Asbestos exposure combined with cigarette smoking greatly increases the risk of bronchogenic carcinomas as well as alimentary tract carcinomas. In addition, long-term exposure to asbestos fibers may cause asbestosis, a fibrotic lung disease. To reduce health risk due to occupational and ambient exposures both the state and federal government regulates asbestos.

Louisiana regulates asbestos under at least the following:

- Louisiana Administrative Codes Title 33: Part III Chapter 27 (LAC 33:III.Chapter 27) Asbestos-Containing Material in Schools and State Buildings
- LAC 33:III Chapter 51 Comprehensive Toxic Air Pollution Emission Control, Subchapter M, Asbestos – Section 5151: Emission Standards for Asbestos.

Since these regulations parallel Federal regulations and in some areas are more stringent than the Federal requirements, on May 11, 1995, EPA waived all requirements of federal rule, Asbestos-Containing Materials in Schools (40 CFR 763 Subpart E) in Louisiana in lieu of the Louisiana asbestos regulations.

- Louisiana Senate Bill 583, Act 662 – LDEQ Comprehensive Plan for Disaster Clean-up and Debris Management: Recycling of Concrete Slabs from Houses Demolished Due to Natural Disasters.

U.S Occupation Safety and Health Administration (OSHA)

- Final Rules Title 29, Part 1910, Section 1001 of the Code of Federal Regulations
- Final Rules Title 29, Part 1926, Section 1101 of the Code of Federal Regulations
- Final Rules Title 29, Part 1910, Section 120 of the Code of Federal Regulations

Equipment:

Leaaf collected the samples using small tools such as knives, hammers, chisels, etc. to obtain bulk samples. Samples are place in individual sealable plastic food grade bags and labeled with a distinct sample number.

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Field Documentation:

Leaf utilizes a Bulk Sample Summary Sheet (developed by Leaf) to document project specific information pertaining to the collection of the bulk samples. This information includes, but is not limited to, sample number, sample location, and material description.

In addition to developing a written description of the sample location, Leaf may also develop an approximate site field drawing, use one provided by the client and/or utilize an aerial photograph of the site to illustrate the locations where the bulk samples are collected. Any developed drawing is meant to provide a guide to the sample location and is not to be considered a legal survey or actual drawing of the property.

Upon completion of the sampling effort, Leaf's environmental professional completes an environmental laboratory chain-of-custody to track the handling of the samples from the field to the laboratory. The samples and the chain-of-custody are placed into a sealable plastic bag. The bagged samples are then typically placed into a shipping container (typically a FedEx package) for delivery to the laboratory.

If the survey was for a school or state building, Leaf's environmental professional will also complete a survey in accordance with AHERA requirements. Materials will be grouped into Homogenous Areas (HAs). Homogenous Areas are those suspect asbestos containing materials that are uniform in texture and color and appear identical in every other aspect. Each homogenous area is then sampled as follows:

	≤ 1,000 ft ²	>1,000 ft ² but ≤ 5,000 ft ²	> 5,000 ft ²
Surfacing Material	3 samples	5 samples	7 samples
Thermal System Insulation	3 random samples for each homogeneous area of TSI 1 random sample from each homogeneous patched TSI 1 random sample from each homogeneous fitting		
Miscellaneous Material	At the discretion of the sampler		

The condition of the HAs are evaluated and identified as one of the following:

- Category 1 – Damaged or significantly damaged thermal system insulation ACM
- Category 2 – Damaged friable surfacing ACM
- Category 3 – Significantly damaged friable surfacing ACM
- Category 4 – Damaged or significantly damaged friable miscellaneous ACM
- Category 5 – ACBM with potential damage
- Category 6 – ACBM with the potential for significant damage
- Category 7 – Any remaining friable ACM or friable suspect ACM
- Category X – Any non-friable non-regulated ACM

Leaf may also identify the quantities associated with each HA.

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Laboratory Analysis:

PLM via EPA Method 600/R-93/116

The samples are sent to a laboratory that specializes in the analysis of asbestos cassettes for asbestos fibers via Polarized Light Microscopy (PLM). PLM utilizes a light microscope equipped with polarizing filters. The identification of asbestos fiber bundles is determined by the visual properties displayed when the sample is treated with various dispersion staining liquids. Identification is substantiated by the actual structure of the fiber and the effect of polarized light on the fiber. The limit of detection of asbestos by PLM is about one percent (1%) by area. In some cases the laboratory will identify various layers of materials within the sample collected, multiple analyses are run on these samples.

PLM Point Count (400 node point count <0.25%)

With the permission of the client, Leaaf will request point count analysis for samples below with a percentage between 1 to 5% asbestos. The point count analysis includes testing of bulk building materials for asbestos by performing 400 point counts (EPA 600/R-93/116). This is a detailed and more labor-intensive technique for estimating asbestos in a building material and is less subjective than a visual estimate. This methodology, which has a detection limit of 0.25%, increases the accuracy and precision of the asbestos concentration determined.

CARB 435

This analysis includes testing of rocks and soils for asbestos using the California Air Resource Board 435 method. The CARB 435 method is a specialized method used for testing asbestos content in the serpentine aggregate storage piles, on conveyer belts, and on covered surfaces such as roads, play-yards, shoulders and parking lots. The method includes crushing the sample using a mill to produce a sample size of less than 200 tyler mesh (75 microns) and then reporting the asbestos content by performing a 400 point count technique which has a detection limit of 0.25%.

Interpretation of Data:

To develop the opinions and conclusions presented in Leaaf's report, the environmental professional evaluates all of the data collected during the course of the sampling period. This data is then compared to the appropriate regulatory standards as identified in Regulatory Authority section above to determine if the site has asbestos-containing materials (ACM) greater than the regulatory limits. Conclusions are developed based on this comparison.

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Limitation of the Sampling and Analysis Method:

This report was developed and incorporates information that was obtainable within a reasonable time, cost and direction by the Client and/or Clients representative. Leaaf makes no warranties as to the conclusions or opinions made by others based on the information presented in this report. This is a comprehensive survey of the entire building(s). This survey is a Destructive survey. Note: As site construction can mask the location of suspect building materials, the demolition or renovation of an area may expose new suspect materials. If materials are exposed that have not been sampled, work in the area of the suspect material should stop until such materials can be sampled and analyzed to determine the asbestos content and whether the disturbance has created an asbestos fiber exposure issue.

Leaaf's typical Asbestos Survey does not specifically identify all locations where all asbestos can be found nor does it identify the quantities of asbestos containing materials; therefore, unless specifically stipulated in the report, any building component that has been identified as containing asbestos must be assumed to contain asbestos in all other components of similar makeup. An assumption that a material does not contain asbestos can only be rendered if that material was sampled, analyzed and found not to contain asbestos. If multiple samples were collected of a similar material then if any one of the samples were found to contain asbestos then all similar materials should be assumed to contain asbestos unless detailed in the report. Should disturbance or renovation and/or demolition fall outside of the area surveyed in this report, the owner, contractor and/or client will need to complete an additional survey prior to disturbance of the building materials.

Prior to any disturbance of ACM or the renovation and/or demolition of any building materials the Client's contractor may be required to submit a notification form to the local state regulatory agency. In the State of Louisiana an AAC-2 form needs to be submitted to LDEQ at least 10-days prior to any renovations or demolition regardless of the asbestos content found.

This survey was not intended to determine any medical conditions; therefore, if an occupant is experiencing health related complaints or is suspected of being exposed to asbestos then an environmental health physician should be consulted.

This survey was not meant to address OSHA-based exposure issues; therefore, OSHA may require more stringent sampling protocols or asbestos content levels for the identification of asbestos and protection of workers.

This report should not be altered, copied or transfer to a third party without Leaaf's written permission. This survey was the initial phase in the process of managing asbestos. This report is a survey and is not authorized for use to develop a cost for abatement by others nor should it be considered a Scope of Work, an abatement Specification or a Management Plan.

Attachment	Leaaf Environmental, LLC	www.leaaf.com
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Attachment 2

Field Documentation

Attachment	Leaaf Environmental, LLC	www.leaaf.com
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BULK-SAMPLE-SUMMARY-SHEET

11

Project Name: → → DOTD-Right-of-Way-Asbestos-Survey → → → → → → → → DATE: → → 01-SEP-2021 → → → 11

Project Location: → → 128-Jefferson-Blvd.-Lafayette-LA → → → → → → → → Leaaf #: → → DOT-026a → → → 11



Sample-Number	Material-Description	Sample-Location	Estimated-Quantity (if positive)
DOT-026a-PLM-001	12" x 12" White Ceiling Tile	NE-Corner-of-main-room	N/A
DOT-026a-PLM-002	12" x 12" White Ceiling Tile	S-Central-side-of-main-room	
DOT-026a-PLM-003	12" x 12" White Ceiling Tile	Storage room	
DOT-026a-PLM-004	Wall Texture over wood	W wall of main room near NW corner	N/A
DOT-026a-PLM-005	Wall Texture over wood	W wall of main room near storage room	
DOT-026a-PLM-006	Wall Texture over wood	Wall between the main room and storage room	
DOT-026a-PLM-007	Door Caulk	N door E side of building	N/A
DOT-026a-PLM-008	Door Caulk	S door E side of Building	
DOT-026a-PLM-009	Window Caulk	N window E side of building	3 windows total - 96 LF
DOT-026a-PLM-010	Window Caulk	E window S side of building	
DOT-026a-PLM-011	Felt paper and tar	Parapet wall W side center (inner material that becomes the roof)	N/A
DOT-026a-PLM-012	Tar (on brick)	Parapet wall E side center (top of wall and on brick inside of sample 011 material on vertical section)	132' x 3.5' = 462-SF
DOT-026a-PLM-013	Roofing	N side of roof center	N/A
DOT-026a-PLM-014	Roofing	S side of roof center	N/A
DOT-026a-PLM-015	Roofing and tar	Parapet wall W side center	See sample 012
DOT-026a-PLM-016	Roofing and tar	Parapet wall W side center	

Technician: → → Jim-Blazek → → → → → → → → 11

Leaaf

Site/Location: 128 Jefferson Ave

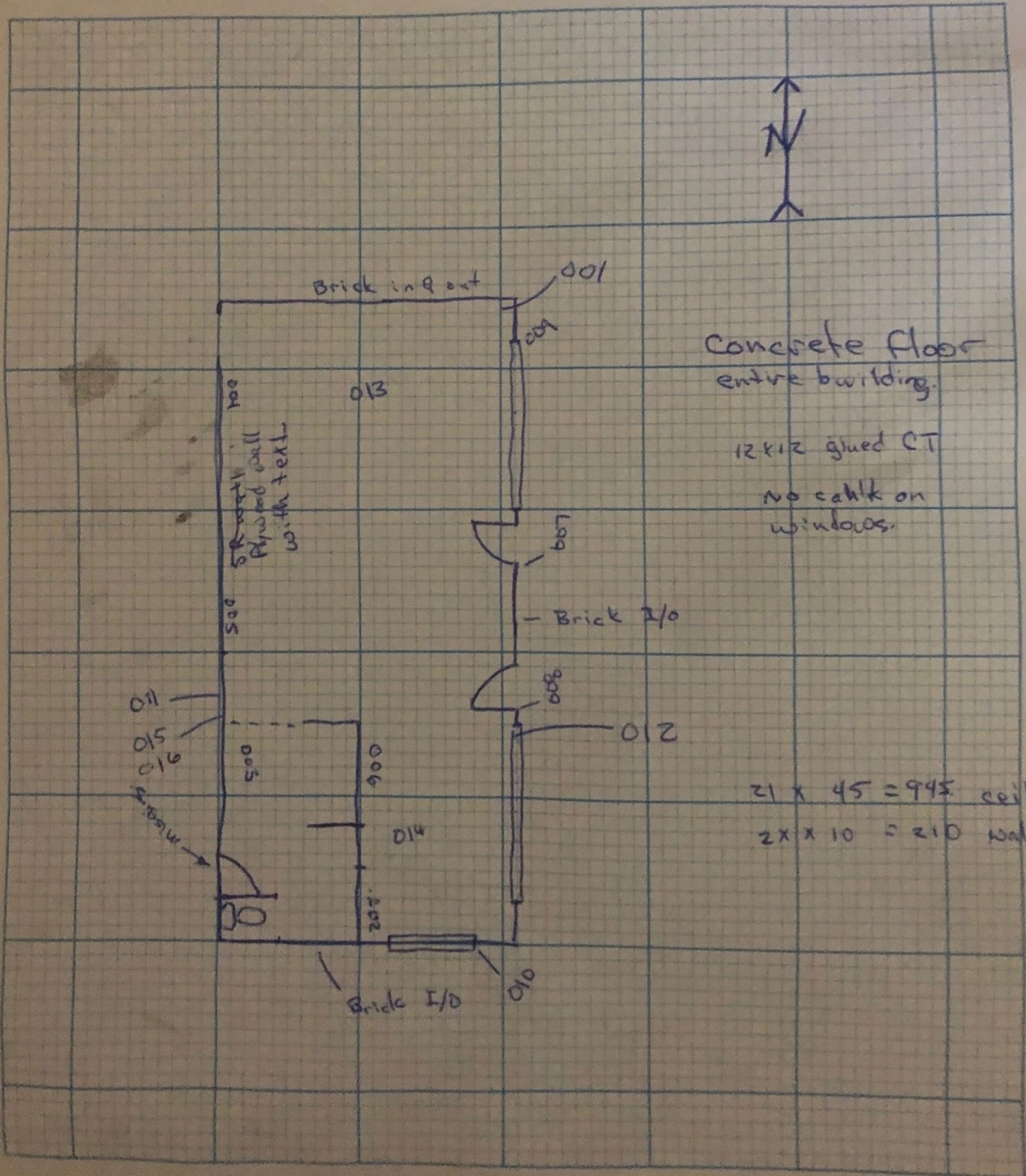
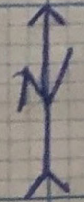
Completed By: Jim Blazek

Leaaf #: 9-1-21 Date: _____

Field Notes

Not to Scale

Page 1 of _____



Concrete floor
entire building.

12x12 glued CT
no caulk on
windows.

21 x 45 = 945 ceiling
2x x 10 = 210 wall

Scale: 1 Block = _____

Scale: 1 Block = _____

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

James E Blazek Jr

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

Asbestos Inspector

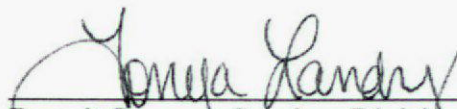
Accreditation No. JI094366

AI No. 94366

Date of Issuance June 1, 2021

Expiration June 10, 2022

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.



Permit Support Services Division
Office of Environmental Services

Attachment 3

Laboratory Report and Chain of Custody

Attachment	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715

Report for:

Mr. Jim Blazek
Leaaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Regarding: Project: DOT-026A; 128 Jefferson
EML ID: 2724424

Approved by:



Approved Signatory
Balu Krishnan

Dates of Analysis:
Asbestos PLM: 09-02-2021

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200738-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Leaa Environmental, LLC
C/O: Mr. Jim Blazek
Re: DOT-026A; 128 JeffersonDate of Sampling: 09-01-2021
Date of Receipt: 09-02-2021
Date of Report: 09-02-2021**ASBESTOS PLM REPORT****Total Samples Submitted:** 16**Total Samples Analyzed:** 16**Total Samples with Layer Asbestos Content > 1%:** 5**Location: DOT-026A 9EB-PLM-001, 12'X12' Ceiling Tile**

Lab ID-Version‡: 13033151-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose
Sample Composite Homogeneity:	Good

Location: DOT-026A 9EB-PLM-002, 12'X12' Ceiling Tile

Lab ID-Version‡: 13033152-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: DOT-026A 9EB-PLM-003, 12'X12' Ceiling Tile

Lab ID-Version‡: 13033153-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: DOT-026A 9EB-PLM-004, Wall Texture

Lab ID-Version‡: 13033154-1

Sample Layers	Asbestos Content
White Texture with Paint	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Mr. Jim Blazek
 Re: DOT-026A; 128 Jefferson

Date of Sampling: 09-01-2021
 Date of Receipt: 09-02-2021
 Date of Report: 09-02-2021

ASBESTOS PLM REPORT

Location: DOT-026A 9EB-PLM-005, Wall Texture

Lab ID-Version‡: 13033155-1

Sample Layers	Asbestos Content
White Texture with Paint	ND
Sample Composite Homogeneity: Good	

Location: DOT-026A 9EB-PLM-006, Wall Texture

Lab ID-Version‡: 13033156-1

Sample Layers	Asbestos Content
White Texture with Paint	ND
Sample Composite Homogeneity: Good	

Location: DOT-026A 9EB-PLM-007, Door Caulk

Lab ID-Version‡: 13033157-1

Sample Layers	Asbestos Content
Off-White Caulk with Paint	ND
Sample Composite Homogeneity: Good	

Location: DOT-026A 9EB-PLM-008, Door Caulk

Lab ID-Version‡: 13033158-1

Sample Layers	Asbestos Content
Off-White Caulk with Paint	ND
Sample Composite Homogeneity: Good	

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Client: Leaa Environmental, LLC
 C/O: Mr. Jim Blazek
 Re: DOT-026A; 128 Jefferson

Date of Sampling: 09-01-2021
 Date of Receipt: 09-02-2021
 Date of Report: 09-02-2021

ASBESTOS PLM REPORT

Location: DOT-026A 9EB-PLM-009, Window Caulk

Lab ID-Version‡: 13033159-1

Sample Layers	Asbestos Content
Off-White Caulk	3% Chrysotile
Composite Non-Asbestos Content:	5% Wollastonite
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-010, Window Caulk

Lab ID-Version‡: 13033160-1

Sample Layers	Asbestos Content
Brown Caulk	2% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-011, Parapet Wall Caulk & Paper

Lab ID-Version‡: 13033161-1

Sample Layers	Asbestos Content
Black Felt	ND
Black Caulk	ND
Composite Non-Asbestos Content:	40% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-012, Parapet Wall Caulk

Lab ID-Version‡: 13033162-1

Sample Layers	Asbestos Content
Black Caulk	10% Chrysotile
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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Client: Leaf Environmental, LLC
C/O: Mr. Jim Blazek
Re: DOT-026A; 128 JeffersonDate of Sampling: 09-01-2021
Date of Receipt: 09-02-2021
Date of Report: 09-02-2021**ASBESTOS PLM REPORT****Location: DOT-026A 9EB-PLM-013, Roofing**

Lab ID-Version‡: 13033163-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Light Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-014, Roofing

Lab ID-Version‡: 13033164-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-015, Roofing Caulk & Felt

Lab ID-Version‡: 13033165-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Black Caulk	3% Chrysotile
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: DOT-026A 9EB-PLM-016, Roofing Caulk & Felt

Lab ID-Version‡: 13033166-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Black Caulk	3% Chrysotile
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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Le



002724424

Site/Location: 128 Jefferson Hwy

Completed By: Jim Blazek

Leaf #: DOT - 026a

Date: 9-1-21

Field Notes

Not to Scale

Page 1 of 1

026a sub			
DOT-128-PLM-	001	12' x 12'	Ceiling tile
	002	"	"
	003	"	"
	004	Wall	texture
	005	"	"
	006	"	"
	007	Door	caulk
	008	"	"
	009	Window	caulk
	010	"	"
	011	Parapet wall	caulk & Paper
	012	Parapet wall	caulk
	013	Roofing	
	014	"	"
	015	Roofing,	caulk & felt
	016	"	"

Scale: 1 Block =

GA 9/1/21
9:25 AM

Scale: 1 Block =

Appendix C

Sources of Information

Attachment	Leaaf Environmental, LLC	www.leaaf.com
	2301 Whitney Avenue Gretna, LA 70056	Phone (504) 342-2687 Fax (504) 342-2715

Sources of Information

1. Louisiana Department of Environmental Quality
 - Title 33, Part III *Section* §2701. Asbestos-Containing Materials in Schools and State Buildings Regulation. 04/14
 - Title 33, Part III *Section* §5151 Emission Standards for Asbestos. 04/14
2. NIOSH Method 9002 Issue #2 Asbestos (bulk) by PLM. NIOSH Manual of Analytical Methods (NMAM), Issue 1: 15 May 1989 - Issue 2: 15 August 1994.
3. U.S. Occupation Safety and Health Administration (OSHA)
 - Final Rules Title 29, Part 1910, Section 1001 of the Code of Federal Regulations
 - Final Rules Title 29, Part 1926, Section 1101 of the Code of Federal Regulations
 - Final Rules Title 29, Part 1910, Section 120 of the Code of Federal Regulations
4. U.S. Environmental Protection Agency (EPA)
 - Asbestos-Containing Materials in Schools, 40 CFR Part 763, Subpart E
 - Asbestos national Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61, Subpart M

Attachment	Leaaf Environmental, LLC	www.leaaf.com
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