

**PRE-RENOVATION
ASBESTOS AND LEAD-CONTAINING
PAINT SURVEY REPORT**

**Fort Zachary Taylor State Park
Overflow Parking Lot
601 Howard England Way
Key West, Florida**

GLE Project No.: 22000-26418

Prepared for:

**Florida Department of Environmental Protection
Bureau of Design & Construction
3800 Commonwealth Boulevard MS520
Tallahassee, Florida 32399-3000**

September 2022

Prepared by:



**1901 W. Cypress Creek Road, Suite 415
Ft. Lauderdale, Florida 33309
754-223-2697 • Fax 754-223-2937**



September 21, 2022

Ms. Laura D. Chang
Florida Department of Environmental Protection
Bureau of Design & Construction
3800 Commonwealth Boulevard MS520
Tallahassee, Florida 32399-3000

**RE: Pre-Renovation Asbestos & Lead Paint Screening Survey
Fort Zachary Taylor State Park – Overflow Parking
601 Howard England Way
Key West, Florida 33040**

GLE Project No.: 22000-26418

Dear Ms. Chang:

GLE Associates, Inc. (GLE) performed a pre-renovation survey for asbestos-containing materials (ACM) and lead containing paint (LCP) on September 13, 2022, at Fort Zachary Taylor State Park – Overflow Parking Lot, located in Key West, Florida. The survey was performed by Mr. Brandon Christensen with GLE. This report outlines the sampling and testing procedures, and presents the results along with our conclusions and recommendations.

GLE appreciates the opportunity to serve as your consultant on this project. If you should have any questions, or if we can be of further service, please do not hesitate to call.

Sincerely,
GLE Associates, Inc.

Brandon Christensen
Project Manager

Robert B. Greene, PE, PG, CIH, LEED AP
President
Florida LAC# EA 0000009

BSC/PSZ/RBG/lb

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1.0 INTRODUCTION

1.1 INTRODUCTION

The purpose of this pre-renovation survey was to identify accessible asbestos-containing materials (ACMs) and lead-containing paint (LCP) and their general locations within Fort Zachary Taylor State Park – Overflow Parking Lot, located at 601 Howard England Way in Key West, Florida. The asbestos survey was conducted pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR 61) requirements, associated with the scheduled pre-renovation plans. The survey was performed on September 13, 2022, by Mr. Brandon Christensen, an Environmental Protection Agency/Asbestos Hazard Emergency Response Act (EPA/AHERA) accredited inspector and EPA Lead Risk Assessor for Florida. The scope of this survey did not include demolition of any building components, evaluation of architectural plans, the quantification of materials for abatement purposes, or removal cost estimating.

1.2 FACILITY DESCRIPTION

The Overflow Parking lot consisted of base gravel throughout area and granite blocks around the perimeter. An ADA Parking pad was located at the north end of lot which was made up of poured concrete.

2.0 ASBESTOS

2.1 ASBESTOS SURVEY PROCEDURES

The survey was performed by visually observing accessible areas within the scope of work. An EPA/AHERA accredited inspector performed the visual observations (refer to Appendix B for personnel qualifications).

After the overall visual survey was completed, representative sampling areas were determined. The surveyor delineated homogeneous areas of suspect materials and samples of each material were obtained, in general accordance with regulations as established by the Occupational Safety and Health Administration (OSHA) and NESHAP. The field surveyor determined sample locations based on previous experience. A friable material is one that can be crushed when dry by normal hand pressure. This survey did not include the demolition of building components to access suspect material.

After completion of the fieldwork, the samples were delivered to GLE's National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for analysis. The samples were analyzed by Polarized Light Microscopy (PLM) coupled with dispersion staining, in general accordance with EPA-600/R-93/116. Utilizing this procedure, the various asbestos minerals (chrysotile, amosite, crocidolite, actinolite, tremolite, and anthophyllite) can be determined.

The percentages of asbestos minerals in the samples were visually determined by the microscopist. Please note that the EPA designates all materials containing greater than one percent asbestos as an “asbestos-containing material” (ACM).

Regulated Asbestos-Containing Material (RACM) is defined as (a) Friable asbestos materials, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

Category I and Category II non-friable ACM, as defined by the EPA:

- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, asphalt roofing products, and pliable sealants and mastics that are in good condition and not friable, containing more than one percent asbestos, as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix E, Subpart E, 40 CFR Part 763 Section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

2.2 IDENTIFIED SUSPECT ASBESTOS-CONTAINING MATERIALS

A total of 3 samples of suspect building materials were collected from the facility during the survey, representing 1 different identified homogeneous area. The results of the laboratory analyses are included in Appendix A, Photographs of the various materials sampled are included in Appendix C.

A summary of the homogenous sampling areas of suspect ACM determined to be present is outlined in the following table.

**TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS
FORT ZACHARY TAYLOR STATE PARK – OVERFLOW PARKING LOT
KEY WEST, FLORIDA**

HA #	HOMOGENEOUS MATERIAL DESCRIPTION	HOMOGENEOUS MATERIAL LOCATION	FRIABILITY (F /NF)	% ASBESTOS*	# OF SAMPLES COLLECTED	APPROXIMATE QUANTITY	ACM CATEGORY
M-01	Gray Concrete	ADA Parking Pad	NF	ND	3	NIS	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.					
	PC = Results based on Point-Count analysis		TEM NOB = Transmission Electron Microscopy of Non-Friable Organically Bound Material			
FRIABILITY	F = Friable Material	NF = Non-Friable Material				
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM		CAT II = Category II non-friable ACM		
ABBREVIATIONS:	NA = Not Applicable	ND = None Detected	NIS = Not in Scope		C = Chrysotile	A = Amosite
	HA = Homogeneous Area	SF = Square Feet		LF = Linear Feet		CF = Cubic Feet

3.0 LEAD-CONTAINING PAINT

3.1 LEAD-CONTAINING PAINT SURVEY PROCEDURES

The lead-containing paint survey was performed by visually observing accessible painted component surfaces associated with the scope of work. The protocol used in this lead paint survey is a modified version of the survey methodology established by HUD. The protocol was modified to conform to the specific parameters of this project. An EPA Risk Assessor performed the visual observations.

During the walk through of the facility, each area was observed and an inventory of painted surfaces was developed. The surveyor then subdivided the areas into homogeneous areas of apparent similar paint history.

Testing of the painted surfaces was performed by collecting representative paint chips. All samples were submitted to EMSL Analytical, Inc., an accredited laboratory recognized under EPA's National Lead Laboratory Accreditation Program (NLLAP). These samples were analyzed by EPA Method 3050B/7000B and the results are reported in percentage of lead by weight of the paint sample (% Wt). Please note that any detectable concentration of lead in the paint is designated by OSHA as "lead-containing."

3.2 IDENTIFIED SUSPECT LEAD-CONTAINING PAINT

The identified suspect lead-containing coatings are described in the following table:

TABLE 3.2-1: SUMMARY OF SUSPECT LEAD-CONTAINING PAINT ANALYTICAL RESULTS FORT ZACHARY TAYLOR STATE PARK – OVERFLOW PARKING LOT KEY WEST, FLORIDA				
SAMPLE NUMBER	LOCATION	COLOR	SUBSTRATE	ANALYTICAL RESULT (% Wt)
PC-01	ADA Parking Pad	White	Concrete	<0.0080
PC-02	ADA Parking Pad	Blue	Concrete	<0.0080

¹ **BOLD** result indicates lead-containing paint.

² The requirements of the OSHA Lead in Construction Standard 29CFR 1926.62 are invoked if any amount of lead is present in the sample; there is no minimum concentration.

% Wt = Percent by Weight

The results of the laboratory analyses are included in Appendix A.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 ASBESTOS

No asbestos-containing materials were identified in the scope of this survey.

4.2 LEAD-CONTAINING PAINT

No lead-containing paint (LCP) was identified in the scope of this survey.

5.0 LIMITATIONS AND CONDITIONS

As a result of previous renovations, there may be hidden materials, such as floor tile, sheet vinyl flooring, insulation, etc. These materials may be found in various areas hidden under existing flooring materials or in wall cavities. Any materials or coatings found during construction activities, either not addressed in this survey report, or similar to the ACM or LCP identified in this survey report should be assumed to be ACM or LCP until sampling and analysis documents otherwise.

Because of the hidden nature of many building components (i.e. within mechanical chases), it may be impossible to determine if all of the suspect building materials have been located and subsequently tested. Destructive testing in some instances is not a viable option. We cannot, therefore, guarantee that all potential ACM or LCP has been located. For the same reasons, estimates of quantities and/or conditions are subject to readily apparent situations, and our findings reflect this condition. We do warrant, however, that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental industry.

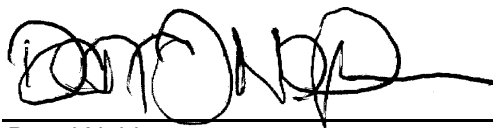
The information contained in this report was prepared based upon specific parameters and regulations in force at the time of this report. The information herein is only for the specific use of the client and GLE. GLE accepts no responsibility for the use, interpretation, or reliance by other parties on the information contained herein, unless prior written authorization has been obtained from GLE.

APPENDIX A
Analytical Results and Chains of Custody

SUMMARY OF BULK SAMPLE ANALYSIS
FDEP; Fort Zachary Taylor State Park-Overflow Parking Lot
22000-26418

Sample	Sample Type		Fiber Type
M-01A	Gray Concrete	100%	Quartz, Calcite, Clay, Mica
M-01B	Gray Concrete	100%	Quartz, Calcite, Clay, Mica
M-01C-QC	Gray Concrete	100%	Quartz, Calcite, Clay, Mica

Analyst / Approved
Signatory:



Darryl Neldner

* Polarized Light Microscopy coupled with dispersion is the technique used for identification in accordance with EPA 600/M4-82-020, EPA 600/R-93/116, and NIOSH Method 9002.

** The percentage of each component is visually estimated. The result of this analysis relate only to the material tested.
The report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.
(>1% greater than one percent, <1% less than one percent) QC - Sample reanalyzed for QA/QC.

*** This report shall not be reproduced except in full, without the written approval of the laboratory. GLE Report # 27551

Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 9/20/2022

Page 1 of 1

CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM


GLE Associates, Inc.
1901 West Cypress Creek Road, Suite 415
Ft. Lauderdale, FL 33309
PHONE: (754) 223-2697 FAX: (754) 223-2937

CLIENT:	FDEP	2251
PROJECT #:	22000-26418	
PROJECT:	Fort Zachary Taylor State Park - Overflow Parking Lot	
LABORATORY SENT TO:	GLE	
DATE:	9/13/2022	

SAMPLE INFORMATION

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
M-01 ABC	Gray Concrete		

IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED	3
IMPORTANT: POSITIVE STOP ANALYSIS	Yes
IMPORTANT: E-MAIL RESULTS TO	Bchristensen/jsimmons

NOTE:

Turnaround time starts at receipt by lab and does not include weekend or holidays.

Select Turnaround Time

☐ 3 hour
 ☐ 6 Hour
 ☐ 24 Hour
 ☐ 48 Hour
 ☒ 3 Day
 ☐ 4 Day

REPORT RESULTS TO THE ADDRESS ABOVE

CHAIN OF CUSTODY: GLE ASSOCIATES, INC.		CHAIN OF CUSTODY: LABORATORY	
PACKAGED BY: Brandon Christensen		SAMPLES RECEIVED BY:	
DATE PACKAGED: 9/14/2022		DATE:	
METHOD OF TRANSMITTAL: FEDEX		TIME:	
TRANSMITTED BY: LByrd		CONDITION OF PACKAGING: SAMPLE	
CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.			
RECEIVED BY:		DATE:	
INVENTORIED BY:		DATE:	
REPACKAGED AND SEALED BY:		DATE:	
PAGE: OF			

**EMSL Analytical, Inc.**

3303 PARKWAY CENTER COURT, Orlando, FL 32808

Phone/Fax: (407) 599-5887 / (407) 599-9063

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

EMSL Order: 342218925
CustomerID: GLEA51G
CustomerPO: 22000-26418
ProjectID:

Attn: **Brandon Christensen**
GLE Associates, Inc.
1901 W. Cypress Creek Road
Suite 415
Fort Lauderdale, FL 33309

Phone: (954) 968-6414
Fax: (954) 968-6090
Received: 9/15/2022 09:35 AM
Collected: 9/13/2022

Project: **FDEP - Zachary Taylor State Park - Overflow Parking Lot / 22000-26418**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>Lead Concentration</i>
PC-01	342218925-0001	9/13/2022	9/15/2022	0.3136 g	<0.0080 % wt
Site: ADA Parking Pad / White Paint					
PC-02	342218925-0002	9/13/2022	9/15/2022	0.2980 g	<0.0080 % wt
Site: ADA Parking Pad / Blue Paint					

Heather Ohye, Metals Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 09/15/2022 17:37:58



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

342218925

Customer ID: GLEA51G		Billing ID:	
Company Name: GLE Associates, Inc.		Company Name:	
Contact Name: Brandon Christensen, John Simmons		Billing Contact:	
Street Address: 1901 W. Cypress Creek Road, Suite 415		Street Address:	
City, State, Zip: Davie, Florida 33309 Country: USA		City, State, Zip: Country:	
Phone:		Phone:	
Email(s) for Report: bchristensen@gleassociates.com, jsimmons@gleassociates.com		Email(s) for Invoice:	

Project Name/No: FDEP - Zachary Taylor State Park - Overflow Parking Lot / 22000-26418		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected: FL	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Brandon Christensen	Sampled By Signature:	No. of Samples in Shipment: 2

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☒ % by wt. ☐ ppm (mg/kg) ☐ mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☒
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Preserved with HNO ₃ ☐ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
Unpreserved ☐				☐
Preserved with HNO ₃ ☐ PH<2				☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
PC-01	ADA Parking Pad / White Paint	--	9/13/2022
PC-02	ADA Parking Pad / Blue Paint	-	1

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by:	Received by:
Date/Time: 9/14/22	Date/Time: SEP 15 2022
Relinquished by:	Received by:
Date/Time:	Date/Time:

Controlled Document - COC-25 Lead R17 05/09/2022

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

APPENDIX B
Personnel and Laboratory Certifications



Ron DeSantis, Governor

Julie I. Brown, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GLE ASSOCIATES INC

ROBERT BLAIR GREENE
5405 CYPRESS CENTER DRIVE
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: ZA0000034

EXPIRATION DATE: NOVEMBER 30, 2023

Always verify licenses online at MyFloridaLicense.com



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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS CONSULTANT - ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GREENE, ROBERT BLAIR

GLE ASSOCIATES INC
5405 CYPRESS CENTER DR
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: EA0000009

EXPIRATION DATE: NOVEMBER 30, 2022

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GLE

GLE Associates, Inc. FL 49-0001218

5405 Cypress Center Drive, Suite 110, Tampa, Florida 33609 • (813) 241-8350

certifies that

Brandon Christensen

has completed the requisite training for

ASBESTOS INSPECTOR REFRESHER

accreditation under TSCA Title II Course No.: FL 49-0002824

conducted on

May 5, 2022

At

TAMPA, FLORIDA

Certificate Number

6575

Passed Exam on May 5, 2022 with score of 70% or better.

Last 4 SSN: 4647

EPA Accreditation Expires: May 5, 2023

Instructor

Michael B. Collins

GLE Associates, Inc.

Robert B. Greene

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102003-0

GLE Associates, Inc.
Tampa, FL

*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).*

2022-04-01 through 2023-03-31

Effective Dates



Dana S. Gorman
For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GLE Associates, Inc.
5405 Cypress Center Drive
Suite 110
Tampa, FL 33609
Mr. Darryl S. Neldner
Phone: 813-241-8350 x247 Fax: 813-241-8737
Email: dneldner@gleassociates.com
<http://www.gleassociates.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 102003-0

Bulk Asbestos Analysis

Code

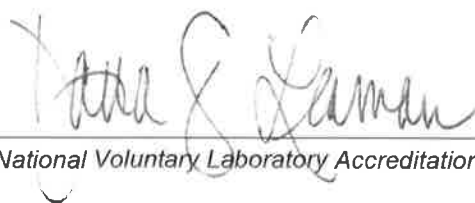
Description

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



For the National Voluntary Laboratory Accreditation Program

United States Environmental Protection Agency

This is to certify that

GLE Associates, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires March 02, 2024

LBP-2060-2

Certification #

January 05, 2021

Issued On



Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

United States Environmental Protection Agency

This is to certify that



Brandon Christensen

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires February 28, 2024

LBP-R-120502-2

Certification #

January 12, 2021

Issued On



Adrienne Priselac, Manager, Toxics Office

Land Division

The Environmental Institute

Brandon Christensen

Social Security Number - 4647

GLE Associates, Inc. - 5405 Cypress Center Drive, Suite 110, Tampa, FL 33609

Has completed 8 hours of coursework and satisfactorily passed the hands-on skills assessment and an examination that meets training criteria in accordance with requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities as regulated by Georgia DNR/EPD Chapter 391-3-24 and U. S. EPA TSCA 40 CFR Part 745 for the refresher course titled

Lead Risk Assessor Refresher

December 17, 2020

Course Date

1959

Certificate Number

December 17, 2020

Examination Date

December 16, 2022

Georgia Expiration Date

December 16, 2023

EPA Expiration Date



Bennie B. Maurras - Principal Instructor

David W. Hogue - Training Manager

(Approved by the ABIH Certification Maintenance Committee for 1 CM point - Approval #11-584)

TEI - 1395 S. Marietta Parkway SE - Building 100, Suite 124 - Marietta, GA 30067

Phone: 770-427-3600 - Website: www.tei-atl.com

(State of Georgia Accredited - Certification No. 20-0799-006SR - September 21, 1999)



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

3303 Parkway Center Ct Orlando, FL 32808-1040

Laboratory ID: LAP-163563

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☒	INDUSTRIAL HYGIENE	Accreditation Expires: February 01, 2024
☒	ENVIRONMENTAL LEAD	Accreditation Expires: February 01, 2024
☒	ENVIRONMENTAL MICROBIOLOGY	Accreditation Expires: February 01, 2024
☐	FOOD	Accreditation Expires:
☐	UNIQUE SCOPES	Accreditation Expires:
☐	BERYLLIUM FIELD/MOBILE	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

3303 Parkway Center Ct Orlando, FL 32808-1040

Laboratory ID: LAP-163563

Issue Date: 01/31/2022

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 09/01/2007

Component, parameter or characteristic tested	Technology sub-type/Detector	Method	Method Description (for internal methods only)
Airborne Dust	AA	NIOSH 7082	N/A
Paint	AA	EPA SW-846 3050B	N/A
		EPA SW-846 3051A	N/A
		EPA SW-846 7000B	N/A
Settled Dust by Wipe	AA	EPA SW-846 3050B	N/A
		EPA SW-846 3051A	N/A
		EPA SW-846 7000B	N/A
Soil	AA	EPA SW-846 3050B	N/A
		EPA SW-846 3051A	N/A
		EPA SW-846 7000B	N/A

A complete listing of currently accredited ELLAP laboratories is available on the AIHA LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

APPENDIX C

Photographs



Upper Photo: Overflow Parking Lot

Lower Photo Granite Blocks used for barriers

Photograph Date:
September 13, 2022

Prepared By:
GLE Associates, Inc.



GLE

Fort Zachary Taylor State Park –
Overflow Parking Lot

Job No.
22000-26418

Figure
1



Upper Photo: ADA Parking Pad

Lower Photo: North End of Parking Lot

Photograph Date:
September 13, 2022

Prepared By:
GLE Associates, Inc.



GLE

Fort Zachary Taylor State Park –
Overflow Parking Lot

Job No.
22000-26418

Figure
2