LEAD-CONTAINING PAINT SURVEY REPORT

173 NW Hillsboro Street
338 North Marion Avenue
129 Hillsboro Street
Lake City, Florida

GLE Project No.: 21000-23740

Prepared for:

City of Lake City
C/O Mr. Joe Helfenberger
205 North Marion Avenue
Lake City, Florida 32055

March 2021

Prepared by:

8651 Baypine Road, Suite 115
Jacksonville, Florida 32256
904-296-1880 • Fax 904-296-1860

March 26, 2021

City of Lake City
C/O Mr. Joe Helfenberger
City Manager
205 North Marion Avenue
Lake City, Florida 32055

RE: Lead-Containing Paint Survey Report
173 NW Hillsboro Street
338 North Marion Avenue
129 Hillsboro Street
Lake City, Florida

Project No.: 21000-23740

Dear Mr. Helfenberger:

GLE Associates, Inc. (GLE) performed a survey to identify lead-containing paint on March 17, 2021, at the three structures mentioned above, located in Lake City, Florida. The survey was performed by Mr. Johnny Ciucevich and Mr. Arturo Confiado 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 work with you on this project. Should you have questions regarding any of the information contained in this report, please do not hesitate to contact our office.

Sincerely,
GLE Associates, Inc.

John E. Ciucevich III
Senior Project Manager

Robert B. Greene, PE, PG, CIH, LEED AP
President

JEC/RBG/lr

M:\Work\Asb\2021\21000\23740.City of Lake City.173 & 129 Hillsboro Street.Asbestos and Lead-Containing Paint Surveys\Report\LCP Report\Lead Survey Report.doc

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1.0 EXECUTIVE SUMMARY

1.1 INTRODUCTION

On March 17, 2021, a lead-containing paint survey was conducted within three structures, located at 173 NW Hillsboro Street, 338 North Marion Avenue and 129 Hillsboro Street in Lake City, Florida. The roof systems were excluded from the survey. The survey was performed by Mr. Johnny Ciucevich and Mr. Arturo Confiado, with GLE.

1.2 FACILITY DESCRIPTION

A summary of the facilities investigated are outlined in the tables below.

173 NW Hillsboro Street

Facility Type:	Commercial
Construction Date:	1977
Number of Floors:	Two
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Metal Framing
Exterior Finish:	Paint, Brick
Roof System Type:	Not in Scope
Interior	
Wall Substrate:	Drywall and Joint Compound
Wall Finishes:	Paint, Cove Base
Floor Finishes:	Vinyl Floor Tile, Ceramic Tile, Carpet, Sheet Vinyl Flooring
Ceiling System:	Suspended Ceiling System
Ceiling Finishes:	Paint, Suspended Ceiling Tiles, Texture

338 North Marion Avenue

Facility Type:	Commercial
Construction Date:	1912
Number of Floors:	Two
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Concrete Block (CMU)
Exterior Finish:	Paint, Brick
Roof System Type:	Not in Scope
Interior	
Wall Substrate:	Drywall and Joint Compound, Plaster
Wall Finishes:	Paint, Texture, Cove Base
Floor Finishes:	Vinyl Floor Tile, Carpet
Ceiling System:	Drywall and Joint Compound
Ceiling Finishes:	Paint, Texture

129 Hillsboro Street

Facility Type:	Commercial
Construction Date:	Unknown
Number of Floors:	One
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Wood Framing
Exterior Finish:	Siding
Roof System Type:	Not in Scope
Interior	
Wall Substrate:	Wood
Wall Finishes:	Paint
Floor Finishes:	Concrete
Ceiling System:	Wood
Ceiling Finishes:	Paint

2.0 RESULTS

2.1 LEAD SURVEY PROCEDURES

It is GLE's understanding that the survey was conducted to provide information needed to comply with 29 CFR Part 1926 "Lead Exposure in Construction; Interim Final Rule" for future demolition and/or renovation activities. The Scope of the "Lead Exposure in Construction; Interim Final Rule" "...applies to all occupational exposure to lead in all construction work in which lead, in any amount, is present in an occupationally related context." Due to the lack of a firm correlation between lead levels in paint and airborne lead levels during construction activities, OSHA has developed task-related triggers that require the implementation of the provisions required in 29 CFR Part 1926. Demolition and/or renovation activities involve tasks covered under this standard.

The survey was performed by observing and testing accessible painted component surfaces of the buildings. The sampling 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.

After the overall visual survey was completed, an inventory of painted surfaces was developed. The surveyor then subdivided the areas into homogeneous areas of apparent similar paint history.

Sampling of the paint 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), located in Kernersville, North Carolina. These samples were analyzed by EPA Method SW 846 3050B/7000B and the results are reported in percentage of lead by weight of the paint sample (% Wt).

2.2 IDENTIFIED SUSPECT LEAD-CONTAINING PAINT

A total of 18 samples of suspect lead-containing paint were collected from the facilities during the survey. The results of the laboratory analyses are included in Appendix A.

A summary of the paint chip sample analytical results is outlined in the following table.

TABLE 2.2-1: SUMMARY OF ANALYTICAL RESULTS 173 NW HILLSBORO STREET – LAKE CITY, FLORIDA						
SAMPLE #	BUILDING	INTERIOR OR EXTERIOR	LOCATION	COMPONENT	COLOR	LEAD CONCENTRATION (% BY WEIGHT)
L-1	173 NW Hillsboro Street	Interior	Throughout	Drywall Wall	Light Green	< 0.0080
L-2	173 NW Hillsboro Street	Interior	2nd Floor	Wood Wall	Green	< 0.0080
L-3	**173 NW Hillsboro Street**	**Interior**	**2nd Floor Stairwell**	**Metal Door**	**Tan**	**0.91**
L-4	173 NW Hillsboro Street	Interior	2nd Floor Stairwell	Drywall Wall	Tan	< 0.0080
L-5	173 NW Hillsboro Street	Interior	Vault	Concrete Wall	Yellow	< 0.0080
L-6	**173 NW Hillsboro Street**	**Interior**	**Stairwell**	**Metal Rail**	**Black**	**0.16**
L-7	173 NW Hillsboro Street	Exterior	Back of Structure	Concrete Column	White	< 0.0080

TABLE 2.2-2: SUMMARY OF ANALYTICAL RESULTS 338 NORTH MARION AVENUE – LAKE CITY, FLORIDA						
SAMPLE #	BUILDING	INTERIOR OR EXTERIOR	LOCATION	COMPONENT	COLOR	LEAD CONCENTRATION (% BY WEIGHT)
L-1	**338 North Marion Avenue**	**Interior**	**Lobby**	**Metal Ceiling**	**White**	**6.7**
L-2	338 North Marion Avenue	Interior	Lobby	Drywall Wall	White	< 0.0080
L-3	338 North Marion Avenue	Interior	Lobby	Plaster Wall	White	< 0.0080
L-4	**338 North Marion Avenue**	**Interior**	**Office**	**Brick Fireplace**	**Light Tan**	**0.054**
L-5	338 North Marion Avenue	Interior	Office	Drywall Wall	Light Tan	< 0.0080
L-6	338 North Marion Avenue	Interior	Storage	Drywall Wall	White	< 0.0080
L-7	**338 North Marion Avenue**	**Exterior**	**Exterior**	**Concrete Column**	**Light Tan**	**3.0**
L-8	**338 North Marion Avenue**	**Exterior**	**Exterior**	**Brick Wall**	**Light Tan**	**0.016**

[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.

TABLE 2.2-3: SUMMARY OF ANALYTICAL RESULTS 129 HILLSBORO STREET – LAKE CITY, FLORIDA						
SAMPLE #	BUILDING	INTERIOR OR EXTERIOR	LOCATION	COMPONENT	COLOR	LEAD CONCENTRATION (% BY WEIGHT)
L-1	**129 Hillsboro Street**	**Interior**	**Storage**	**Wood Beam**	**Tan**	**0.040**
L-2	129 Hillsboro Street	Interior	Storage	Wood Wall	White	< 0.0080
L-3	129 Hillsboro Street	Interior	Storage	Wood Door Casing	White	< 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.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Analytical results indicate that seven of the 18 painted surfaces tested contain concentrations (% by weight) of lead within the paint greater than the laboratory's detection limits.

Under the present OSHA lead construction standard, **all identified lead-containing paint affected by construction activities falls under the requirements of 29 CFR 1926.** There are no current government guidelines defining a lead paint concentration that creates a hazardous atmosphere when disturbed. Based on current OSHA guidelines, for those employees who will be disturbing lead-containing paint, their employer must make an initial determination by monitoring employee exposure if any employee is exposed to lead at or above 30 ug/m^3 (8-hour TWA).

The employer must implement OSHA prescribed protective measures until they can demonstrate that the employee exposure is not in excess of the action level. For any planned demolition or renovation where abrasive blasting, welding, cutting and/or torch burning are planned for any facility which contain lead-based paint, GLE recommends the removal of lead paint by a properly trained lead removal contractor where these activities are planned.

For all identified lead painted materials where manual demolition (e.g. drywall) manual scraping, manual sanding and heat gun applications are planned: provide workers with interim protection as outline in the OSHA Lead Construction Standard until the employee exposure monitoring indicate that that all tasks being performed are not exposing employees above the Permissible Exposure Limit (PEL).

The interim employee protection measures include but are not limited to the following: appropriate respiratory protection; appropriate personal protective clothing and equipment; change areas; hand washing facilities; biological monitoring; and training.

All waste generated during the lead paint removal and during subsequent manual demolition or renovation activities should be characterized by Toxicity Characteristic Leaching Procedure testing for lead for waste disposal purposes.

Additionally, the EPA Renovation, Repair, and Painting Rule requires that firms performing renovation, repair, and painting projects that disturb lead-based paint in pre-1978 homes, child care facilities and schools be certified by EPA and that they use certified renovators who are trained by EPA-approved training providers to follow lead-safe work practices.

4.0 LIMITATIONS AND CONDITIONS

Due to the inaccessibility of some building elements, it is conceivable that all potential lead-containing paint within the extents of this survey may not have been located and identified. We do warrant, however, that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental industry.

APPENDIX A
Analytical Results and Chains of Custody

EMSL Analytical, Inc.
706 Gralin Street, Kernersville, NC 27284
Phone/Fax: (336) 992-1025 / (336) 992-4175
http://www.EMSL.com greensborolab@emsl.com

EMSL Order:	022101998
CustomerID:	GLEA51L
CustomerPO:	21000-23740
ProjectID:	

Attn: **John Ciucevich**
GLE Associates
8651 Baypine Road, Suite 115
Jacksonville, FL 32256

Phone:	(904) 296-1880
Fax:	(904) 296-1860
Received:	3/19/2021 09:15 AM
Collected:	

Project: **338 N. Marion Ave/ 21000-23740**

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

Client SampleDescription	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
L-1 *022101998-0001*		3/19/2021	.3364 g	0.80 % wt	6.7 % wt
L-2 *022101998-0002*		3/19/2021	.2617 g	0.0080 % wt	<0.0080 % wt
L-3 *022101998-0003*		3/19/2021	.2723 g	0.0080 % wt	<0.0080 % wt
L-4 *022101998-0004*		3/19/2021	.2843 g	0.0080 % wt	0.054 % wt
L-5 *022101998-0005*		3/19/2021	.2777 g	0.0080 % wt	<0.0080 % wt
L-6 *022101998-0006*		3/19/2021	.2777 g	0.0080 % wt	<0.0080 % wt
L-7 *022101998-0007*		3/19/2021	.2705 g	0.080 % wt	3.0 % wt
L-8 *022101998-0008*		3/19/2021	.2656 g	0.0080 % wt	0.016 % wt

James Cole

James Cole, Laboratory Manager
or other approved signatory

Initial report from 03/22/2021 08:09:29

OrderID: 022101998

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 1998

PHONE: ( )
FAX: ( )

Company: GLE Associates, Inc.

EMSL-Bill to: ☐ Same ☒ Different
If Bill to is Different note instructions in Comments**

Street: 8651 Baypine Road Suite 115

Third Party Billing requires written authonzation from third party

City: Jackonville | **State/Province:** Florida | **Zip/Postal Code:** 32256 | **Country:** USA

Report To (Name): Johnny Ciucevich | **Telephone #:** 904-296-1880

Email Address: jciucevich@gleassociates.com | **Fax #:** 904-296-1860 | **Purchase Order:** 21000-23740

Project Name/Number: 338 N. MARION AVE / | **Please Provide Results:** ☐ Fax ☒ Email

U.S. State Samples Taken: 21000 – 23740 | **CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

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

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☒ % by wt ☐ mg/cm² ☐ ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0 01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0 03 µg/filter	☐
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box checked, non-ASTM Wipe assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1311/SW846-6010B or C	ICP-OES	0 1 mg/L (ppm)	☐
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0 4 mg/L (ppm)	☐
	SW846-1312/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
STLC	22 CCR App II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: ARTURO CONTRADO | **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
L-1	WHITE METAL CEILING	N/A	3/17/21
L-2	WHITE DRYWALL WALL	↓	↓

Client Sample #s L-1 - L-3 | **Total # of Samples:** 8

Relinquished (Client): | **Date:** 3/17/2021 | **Time:** 1700

Received (Lab): | **Date:** 3/19/21 | **Time:** 9:15

Comments: Bill To: 5405 Cypress Center Drive, Suite 110, Tampa, FL 33609
(3) EMSL FX 7960 9225378

Controlled Document

OrderID: 022101998

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*:

1998

PHONE: ( )
FAX: ( )

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

Sample #	Location	Volume/Area	Date/Time Sampled
L-3	WHITE PLASTER WALL	N/A	3/17/2021
L-4	LIGHT TAN BRICK FIREPLACE	↓	↓
L-5	LIGHT TAN DRYWALL WALL	↓	↓
L-6	WHITE DRYWALL WALL	↓	↓
L-7	LIGHT TAN CONCRETE COLUMN	↓	↓
L-8	LIGHT TAN BRICK WALL	↓	↓

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
706 Gralin Street, Kernersville, NC 27284
Phone/Fax: (336) 992-1025 / (336) 992-4175
http://www.EMSL.com greensborolab@emsl.com

EMSL Order:	022101999
CustomerID:	GLEA51L
CustomerPO:	2100-23740
ProjectID:	

Attn: **John Ciucevich**
GLE Associates
8651 Baypine Road, Suite 115
Jacksonville, FL 32256

Phone:	(904) 296-1880
Fax:	(904) 296-1860
Received:	3/19/2021 09:15 AM
Collected:	

Project: **129 Hillsboro St/ 2100-23740**

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

Client SampleDescription	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
L-1 *022101999-0001*		3/19/2021	.2735 g	0.0080 % wt	0.040 % wt
L-2 *022101999-0002*		3/19/2021	.209 g	0.0096 % wt	<0.0096 % wt
L-3 *022101999-0003*		3/19/2021	.3091 g	0.0080 % wt	<0.0080 % wt

James Cole

James Cole, Laboratory Manager
or other approved signatory

Initial report from 03/22/2021 08:10:30

OrderID: 022101999

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 1099

PHONE: ( )
FAX. ( )

Company: GLE Associates, Inc.

EMSL-Bill to: ☐ Same ■ Different
If Bill to Is Different note instructions in Comments**

Third Party Billing requires written authorization from third party

Street: 8651 Baypine Road Suite 115

City: Jacksonville | **State/Province:** Florida | **Zip/Postal Code:** 32256 | **Country:** USA

Report To (Name): Johnny Ciucevich

Telephone #: 904-296-1880

Email Address: jciucevich@gleassociates.com

Fax #: 904-296-1860 | **Purchase Order:** 21000-23740

Project Name/Number: 129 HILLSBORO ST /

Please Provide Results: ☐ Fax ■ Email

U.S. State Samples Taken: 21000-23740

CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

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

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☒ % by wt ☐ mg/cm² ☐ ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0.01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box checked, non-ASTM Wipe assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1311/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1312/SW846-6010B or C	ICP-OES	0 1 mg/L (ppm)	☐
TTLC	22 CCR App II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	22 CCR App II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
STLC	22 CCR App II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-OES	0 020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: ARTURO CONRADO **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
L-1	TAN WOOD BEAM	N/A	3/17/2021
L-2	WHITE WOOD WALL	↓	↓

Client Sample #s L-1 - L-3 **Total # of Samples:** 3

Relinquished (Client): **Date:** 3/17/2021 **Time:** 1700

Received (Lab): NS **Date:** 3/19/21 **Time:** 9:15

Comments: Bill To: 5405 Cypress Center Drive, Suite 110, Tampa, FL 33609
(3) EMSL FX 7960924 5378

OrderID: 022101999

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: 1999

PHONE: ( )
FAX: ( )

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

Sample #	Location	Volume/Area	Date/Time Sampled
L-3	WHITE WOOD DOOR CASING	N/A	3/17/2021

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
706 Gralin Street, Kernersville, NC 27284
Phone/Fax: (336) 992-1025 / (336) 992-4175
http://www.EMSL.com greensboroab@emsl.com

EMSL Order:	022102000
CustomerID:	GLEA51L
CustomerPO:	21000-23740
ProjectID:	

Attn: **John Ciucevich**
GLE Associates
8651 Baypine Road, Suite 115
Jacksonville, FL 32256

Phone:	(904) 296-1880
Fax:	(904) 296-1860
Received:	3/19/2021 09:15 AM
Collected:	

Project: **173 NW Hillsboro St./ 21000-23740**

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

Client SampleDescription	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
L-1 *022102000-0001*		3/19/2021	.3011 g	0.0080 % wt	<0.0080 % wt
L-2 *022102000-0002*		3/19/2021	.272 g	0.0080 % wt	<0.0080 % wt
L-3 *022102000-0003*		3/19/2021	.2602 g	0.080 % wt	0.91 % wt
L-4 *022102000-0004*		3/19/2021	.3913 g	0.0080 % wt	<0.0080 % wt
L-5 *022102000-0005*		3/19/2021	.3191 g	0.0080 % wt	<0.0080 % wt
L-6 *022102000-0006*		3/19/2021	.34 g	0.0080 % wt	0.16 % wt
L-7 *022102000-0007*		3/19/2021	.2587 g	0.0080 % wt	<0.0080 % wt

James Cole

James Cole, Laboratory Manager
or other approved signatory

Initial report from 03/22/2021 08:04:10

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 2000

PHONE ( )
FAX ( )

Company: GLE Associates, Inc.
EMSL-Bill to: ☐ Same ☒ Different
If Bill to is Different note instructions in Comments**
Street: 8651 Baypine Road Suite 115
Third Party Billing requires written authorization from third party
City: Jacksonville | **State/Province:** Florida | **Zip/Postal Code:** 32256 | **Country:** USA
Report To (Name): Johnny Ciucevich | **Telephone #:** 904-296-1880
Email Address: jciucevich@gleassociates.com | **Fax #:** 904-296-1860 | **Purchase Order:** 21000-23740
Project Name/Number: 173 NW HILLSBORO ST / | **Please Provide Results:** ☐ Fax ☒ Email
U.S. State Samples Taken: 21000-23740 | **CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

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

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☒ % by wt. ☐ mg/cm² ☐ ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0.01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box checked, non-ASTM Wipe assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1311/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1312/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: ARTURO CONFIADO | **Signature of Sampler:** [signature]

Sample #	Location	Volume/Area	Date/Time Sampled
L-1	LIGHT GREEN DRYWALL WALL	N/A	3/17/2021
L-2	GREEN WOOD WALL	↓	↓

Client Sample #s: L-1 - L-2 | **Total # of Samples:** 2

Relinquished (Client): [signature] | **Date:** 3/17/2021 | **Time:** 1700
Received (Lab): TVS | **Date:** 3/19/21 | **Time:** 9:15

Comments: Bill To: 5405 Cypress Center Drive, Suite 110, Tampa, FL 33609
③ EMSL FX 7960 9212 5378

OrderID: 022102000

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

2000

PHONE. ( )
FAX. ( )

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

Sample #	Location	Volume/Area	Date/Time Sampled
L-3	TAN METAL DOOR	N/A	3/17/2021
L-4	TAN DRYWALL WALL	"	"
L-5	YELLOW CONCRETE WALL	"	"
L-6	BLACK METAL RAIL	"	"
L-7	WHITE CONCRETE COLUMN	"	"

Comments/Special Instructions:

APPENDIX B
Personnel and Laboratory Qualifications

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

John Ciucevich

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 July 25, 2023

LBP-R-12158-2

Certification #

March 05, 2020

Issued On

Adrienne Priselac, Manager, Toxics Office

Land Division

The Environmental Institute

John Ciucevich

Social Security Number - XXX-XX-9848
GLE Associates, Inc. - 5405 Cypress Center Drive, Suite 110 - Tampa, Florida 33609

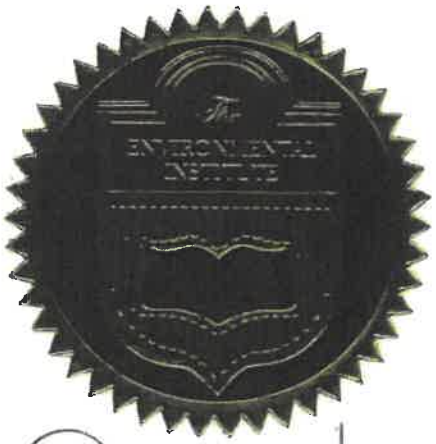
Has completed 8 hours of coursework and satisfactorily passed the hands-on skills assessment and an examination that meets training criteria in accordance with requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities as regulated by Georgia DNR/EPD Chapter 391-3-24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

Lead Risk Assessor Refresher

December 10, 2019
Course Date

1929
Certificate Number

December 10, 2019
Examination Date



December 9, 2021
Georgia Expiration Date

December 9, 2023
EPA Expiration Date

Bonnie 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.

706 Gralin Street Kernersville, NC 27284

Laboratory ID: LAP-102564

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:
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: September 01, 2022
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	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.

Michael Breu
Chairperson, Analytical Accreditation Board

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

Revision 18: 03/27/2020

Date Issued: 07/31/2020

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
706 Gralin Street Kernersville, NC 27284

Laboratory ID: LAP-102564
Issue Date: 07/31/2020

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: 06/01/2004

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 7000B	N/A
Settled Dust by Wipe	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Soil	AA	EPA SW-846 3050B	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