DEMOLITION LEAD-CONTAINING PAINT SURVEY REPORT

Biscayne Village Pump Station
10800 Key Haven Boulevard
Jacksonville, Florida

GLE Project No.: 19112-00180

Prepared for:

Mr. Samuel Ramirez, PE
JEA Project Engineering and Construction
Wastewater Plants and Pumping Stations
21 West Church Street, Tower 4
Jacksonville, Florida 32202

June 2019

Prepared by:

8659 Baypine Road, Suite 306
Jacksonville, Florida 32256
904-296-1880 • Fax 904-296-1860

June 17, 2019

Mr. Samuel Ramirez, PE
JEA Project Engineering and Construction
Wastewater Plants and Pumping Stations
21 West Church Street, Tower 4
Jacksonville, Florida 32202

RE: Demolition Lead-Containing Paint Survey Report
Biscayne Village Pump Station
10800 Key Haven Boulevard
Jacksonville, Florida

Project No.: 19112-00180

Dear Mr. Ramirez:

GLE Associates, Inc. (GLE) performed a demolition survey to identify lead-containing paint on May 31, 2019, at the Biscayne Village Pump Station, located in Jacksonville, Florida. The survey was performed by Mr. Johnny Ciucevich 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/MBC/RBG/lr

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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY

1.1 INTRODUCTION

On May 31, 2019, a demolition lead-containing paint survey was conducted at the Biscayne Village Pump Station, located at 10800 Key Haven Boulevard in Jacksonville, Florida. The survey was performed by Mr. Johnny Ciucevich, with GLE.

1.2 FACILITY DESCRIPTION

A summary of the facility investigated is outlined in the table below.

Facility Type:	Commercial
Construction Date:	Unknown
Number of Floors:	Two
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Concrete Block (CMU)
Exterior Finish:	Paint, Brick
Roof System Type:	Built Up (Modified Bitumen)
Interior	
Wall Substrate:	Concrete
Wall Finishes:	Paint
Floor Finishes:	Ceramic Tile
Ceiling System:	Concrete
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 demolition survey was performed by observing and testing accessible painted component surfaces of the building. 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 12 samples of suspect lead-containing paint were collected from the facility during the survey. The results of the laboratory analyses are included in Appendix A, and approximate sample locations are indicated on the Lead Sample Location Plan in Appendix C.

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

TABLE 2.2-1: SUMMARY OF ANALYTICAL RESULTS BISCAYNE VILLAGE PUMP STATION – JACKSONVILLE, FLORIDA						
SAMPLE #	BUILDING	INTERIOR OR EXTERIOR	LOCATION	COMPONENT	COLOR	LEAD CONCENTRATION (% BY WEIGHT)
L-1	Biscayne Village Pump Station	Exterior	Pump Station	Concrete Wall	Tan	<0.0080
L-2	**Biscayne Village Pump Station**	**Interior**	**Pump Station**	**Metal Pump**	**Red**	**0.020**
L-3	Biscayne Village Pump Station	Interior	Pump Station	Concrete Block Wall	White	<0.0080
L-4	**Biscayne Village Pump Station**	**Interior**	**Pump Station**	**Metal Blower Component**	**Green**	**0.0096**
L-5	Biscayne Village Pump Station	Exterior	Pump Station	Wood Door	White	<0.0080
L-6	Biscayne Village Pump Station	Interior	Wet Side	Concrete Block Wall	White	<0.0080
L-7	Biscayne Village Pump Station	Interior	Dry Side	Concrete Block Wall	White	<0.0080
L-8	**Biscayne Village Pump Station**	**Interior**	**Dry Side**	**Metal Pipe**	**Blue**	**0.028**
L-9	**Biscayne Village Pump Station**	**Interior**	**Dry Side**	**Metal Sewage Pipe**	**Gray**	**0.045**
L-10	Biscayne Village Pump Station	Interior	Dry Side	Metal Pump	Blue	<0.0093
L-11	Biscayne Village Pump Station	Interior	Dry Side	Metal Gas Line	Red	<0.0080
L-12	**Biscayne Village Pump Station**	**Interior**	**Wet Side**	**Wastewater Treatment Equipment**	**Green**	**0.026**

[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 five of the 12 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 Chain 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:	021903758
CustomerID:	GLEA51L
CustomerPO:	19112-00180
ProjectID:	

Attn: **John Ciucevich**
GLE Associates
8659 Baypine Road
Suite 306
Jacksonville, FL 32256

Phone:	(904) 296-1880
Fax:	(904) 296-1860
Received:	06/03/19 9:00 AM
Collected:	5/31/2019

Project: **19112-00180**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
L-1 *021903758-0001*	Site: Tan Concrete Wall	5/31/2019	6/5/2019	.2526 g	0.0080 % wt	<0.0080 % wt
L-2 *021903758-0002*	Site: Red Metal Pump	5/31/2019	6/5/2019	.2576 g	0.0080 % wt	0.020 % wt
L-3 *021903758-0003*	Site: White Concrete Block Wall	5/31/2019	6/5/2019	.2534 g	0.0080 % wt	<0.0080 % wt
L-4 *021903758-0004*	Site: Green Metal Blower Component	5/31/2019	6/5/2019	.256 g	0.0080 % wt	0.0096 % wt
L-5 *021903758-0005*	Site: White Wood Door	5/31/2019	6/5/2019	.2581 g	0.0080 % wt	<0.0080 % wt
L-6 *021903758-0006*	Site: White Concrete Wall	5/31/2019	6/5/2019	.2563 g	0.0080 % wt	<0.0080 % wt
L-7 *021903758-0007*	Site: White Concrete Block Wall	5/31/2019	6/5/2019	.2601 g	0.0080 % wt	<0.0080 % wt
L-8 *021903758-0008*	Site: Blue Metal Pipe	5/31/2019	6/5/2019	.2573 g	0.0080 % wt	0.028 % wt
L-9 *021903758-0009*	Site: Gray Metal Sewage Pipe	5/31/2019	6/5/2019	.2785 g	0.0080 % wt	0.045 % wt
L-10 *021903758-0010*	Site: Blue Metal Pump	5/31/2019	6/5/2019	.2158 g	0.0093 % wt	<0.0093 % wt
L-11 *021903758-0011*	Site: Red Metal Gas Line	5/31/2019	6/5/2019	.2731 g	0.0080 % wt	<0.0080 % wt

James Cole

James Cole, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. 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. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC EMSL Lab ID 102564 is accredited by the AIHA Laboratory Accreditation Program (AIHA-LAP), LLC in the Environmental Lead accreditation program for Lead in Paint Chips.

Initial report from 06/05/2019 11:46:48

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:	021903758
CustomerID:	GLEA51L
CustomerPO:	19112-00180
ProjectID:	

Attn: **John Ciucevich**
GLE Associates
8659 Baypine Road
Suite 306
Jacksonville, FL 32256

Phone:	(904) 296-1880
Fax:	(904) 296-1860
Received:	06/03/19 9:00 AM
Collected:	5/31/2019

Project: **19112-00180**

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

Client Sample	*Description*	*Collected*	*Analyzed*	*Weight*	*RDL*	*Lead Concentration*
L-12		5/31/2019	6/5/2019	.2703 g	0.0080 % wt	0.026 % wt
021903758-0012	Site: Green Metal Wastewater Treatment Equipment					

James Cole

James Cole, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. 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. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC EMSL Lab ID 102564 is accredited by the AIHA Laboratory Accreditation Program (AIHA-LAP), LLC in the Environmental Lead accreditation program for Lead in Paint Chips.

Initial report from 06/05/2019 11:46:48

OrderID: 021903758

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Chain of Custody

EMSL Order Number (Lab Use Only): 3758

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Company: GLE Associates, Inc.	EMSL-Bill to: ☐ Same ✓ Different If Bill to is Different note instructions in Comments**
Street: 8659 Baypine Road, Suite 306	Third Party Billing requires written authorization from third party
City: Jacksonville / State/Province: FL	Zip/Postal Code: 32256 / Country: United States
Report To (Name): Johnny Ciucevich	Telephone #: 904-296-1880
Email Address: jciucevich@gleassociates.com	Fax #: 904-296-1860 / Purchase Order:
Project Name/Number: 19112 - 00180	Please Provide Results: ☐ FAX ✓ E-mail ☐ Mail
U.S. State Samples Taken: FL	Connecticut Samples: Commercial Residential

Turnaround Time (TAT) Options* - Please Check

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

*For RUSH TAT's Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test. Materials Science and IAQ TATs are in Business Days rather than Hours (i.e. 24 Hour = End of Next Business Day)

Asbestos

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ 8hr. TWA

TEM– Air ☐ 4-4.5hr TAT(AHERA ONLY)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Water
- Fibers ≥10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

PLM - Bulk
- ☐ PLM EPA 600/R-93/116
- ☐ PLM EPA NOB (<1%)
- ☐ NYS 198.1 (friable-NY)
- ☐ NYS 198.6 (non-friable-NY)
- Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- Point Count w/ Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

TEM - Dust
- ☐ Microvac – ASTM D 5755
- ☐ Wipe-ASTM D6480

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 – A (0.25% sensitivity)
- ☐ PLM CARB 435 – B (0.1% sensitivity)
- ☐ TEM CARB 435 – B (0.1% sensitivity)
- ☐ EPA Reg. 1 Screening Protocol (Qualitative)

Other:

Lead (Pb)

Flame Atomic Absorption
- ☒ Chips SW846-7000B or AOAC 974.02
- ☐ Soil SW846-7000B/7420
- ☐ Air NIOSH 7082
- ☐ Wastewater SM3111B or SW846-7000B/7420
- ☐ ASTM Wipe SW846-7000B/7420
- ☐ non ASTM Wipe SW846-7000B/7420
- ☒ TCLP SW846-1311/7420/SM 3111B

ICP
- ☐ Air NIOSH 7300 Modified
- ☐ non ASTM Wipe SW846-6010B or C
- ☐ ASTM Wipe SW846-6010B or C
- ☐ Soil SW846-6010 B or C
- ☐ Waste Water SW846-6010B or C
- ☐ TCLP SW846-6010B or C

Graphite Furnace Atomic Absorption
- ☐ Soil SW846-7421 ☐ Wastewater EPA 200.9
- ☐ Air NIOSH 7105 ☐ Drinking Water EPA 200.9

Other: ☐

Materials Science

- ☐ Common Particle ID (large particles)
- ☐ Full Particle ID (environmental dust)
- ☐ Basic Material ID (solids)
- ☐ Advanced Material ID
- ☐ Physical Testing (Tensile, Compression)
- ☐ Combustion-by-products (soot, char, etc.)
- ☐ X-Ray Fluorescence (elem. analysis)
- ☐ X-Ray Diffraction (Crystalline Part.)
- ☐ MMVF's (Fibrous glass, RCF's)
- ☐ Particle Size (sieve/microscopy/laser)
- ☐ Combustible Dust
- ☐ Petrographic Examination

Other: ☐

Microbiology

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi Culture (Genus Only)
- ☐ Mold & Fungi Culture (Genus & Species)
- ☐ Bacterial Count & ID (Up to Three Types)
- ☐ Bacterial Count & ID (Up to Five Types)
- ☐ MRSA
- ☐ *Pseudomonas aeruginosa*

Water Samples
- ☐ Total Coliform & E.coli (P/A)
- ☐ Fecal Coliform (SM 9222D)
- ☐ Sewage Screen
- ☐ Heterotrophic Plate Count (SM 9215)

Air Samples
- ☐ Mold & Fungi (Spore Trap)
- ☐ Mold & Fungi Culture (Genus Only)
- ☐ Mold & Fungi (Genus & Species)
- ☐ Bacterial Culture & ID (Up to Three Types)
- ☐ Bacterial Culture & ID (Up to Five Types)
- ☐ Endotoxin Testing

Real Time Q-PCR (See Analytical Guide for Code)
Code:

Legionella
☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4

Other: ☐

IAQ

- Nuisance Dust NIOSH ☐ 0500 ☐ 0600
- Airborne Dust ☐ PM10 ☐ TSP
- Silica Analysis: ☐ All Species
- Silica Analysis – Single Species
  - ☐ Alpha Quartz ☐ Cristobalite ☐ Tridymite
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- Radon Testing: Call for Kit and COC

Other: ☐

**Comments/Special Instructions: BillTo: GLE Associates, Inc., 5405 Cypress Center Drive, Suite 110, Tampa, FL, 33609, United States
Attention: Kristin Harper Phone: 813-241-8350 Email: Purchase Order:

Client Sample #'s	TAPI - L-12	Total # of Samples:	13
Relinquished (Client):	Date: 5-31-19	Time:	1:30P
Received (Lab):	Date: 6/3/19	Time:	9AM

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

FX 8136803066 53

OrderID: 021903758

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Chain of Custody

EMSL Order Number (Lab Use Only): 3758

EMSL Analytical, Inc.
5125 Adanson Street, Suite 9
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
L-1	TAN Concrete WALL		5-31-19
L-2	Red Metal Pump		
L-3	White Concrete Block WALL		
L-4	Green Metal Blower Component		
L-5	White Wood Door		
L-6	White Concrete WALL		
L-7	White Concrete Block WALL		
L-8	Blue Metal Pipe		
L-9	Gray Metal Sewage Pipe		
L-10	Blue Metal Pump		
L-11	Red Metal Gas Line		
L-12	Green Metal Wastewater Treatment Equipment		
TCLP-1	TCLP		5-31-19

*Comments/Special Instructions:
BillTo: GLE Associates, Inc., 5405 Cypress Center Drive, Suite 110, Tampa, FL, 33609, United States
Attention: Kristin Harper Phone: 813-241-8350 Email: Purchase Order:

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

☆ Do not analyze TCLP unless one of the twelve paint chip samples contain lead ☆

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 03, 2021

LBP-2060-1

Certification #

January 25, 2018

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, 2020

LBP-R-12158-1

Certification #

May 10, 2017

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 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

February 10, 2017
Course Date

1843
Certificate Number

February 10, 2017
Examination Date

February 9, 2019
Georgia Expiration Date

February 9, 2020
EPA Expiration Date

The ENVIRONMENTAL INSTITUTE

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 - 1841 West Oak Parkway, Suite F - Marietta, GA 30062 - (770) 427-3600 - 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: 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 17025:2005 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, 2020
☐	**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 17025:2005 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.

Beth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

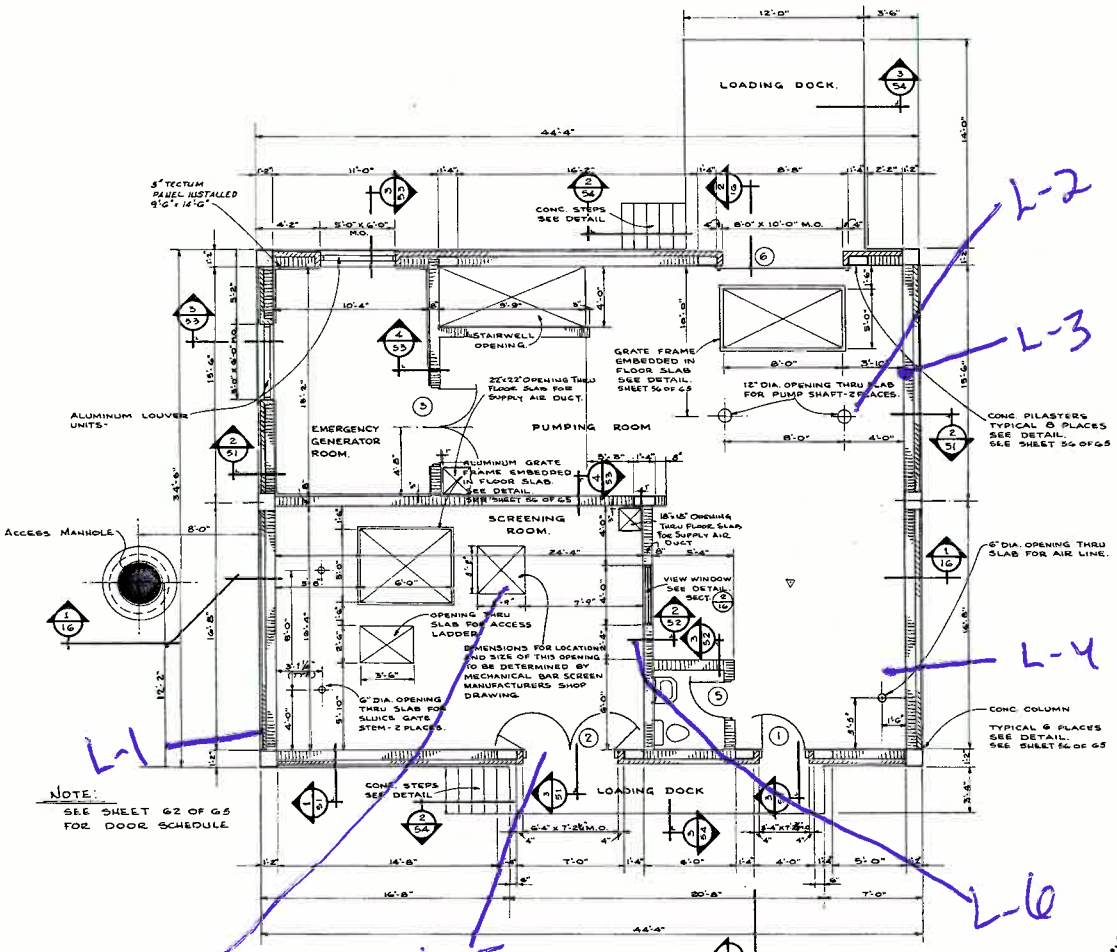
Cheryl O. Morton

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

Revision 16: 03/21/2018

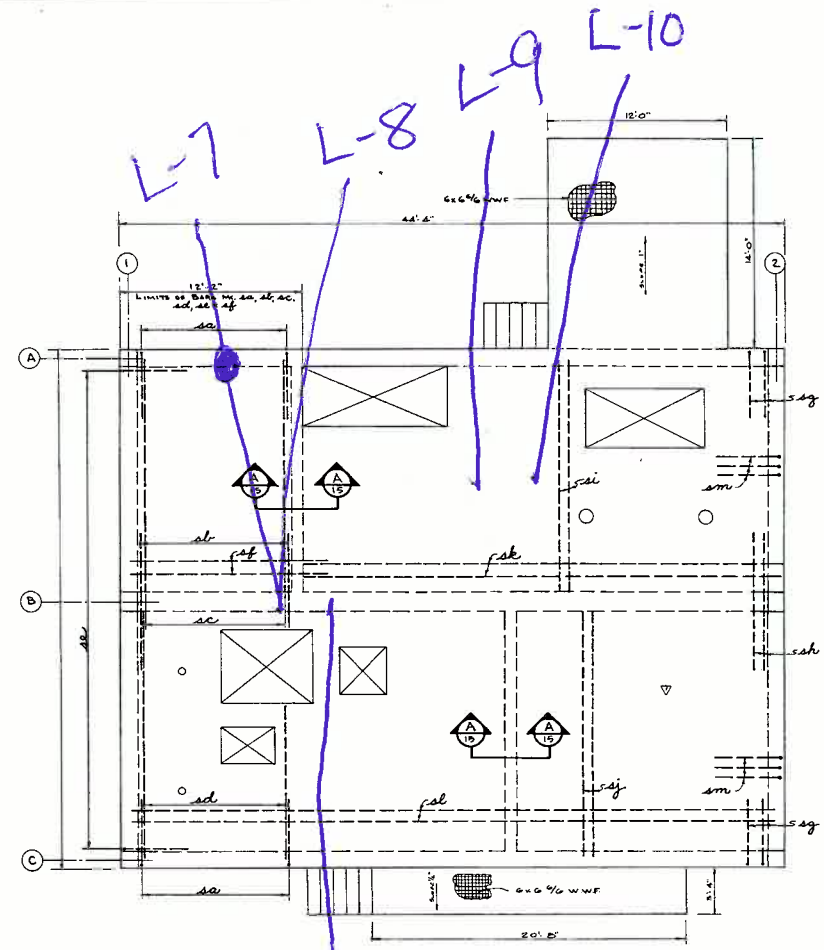
Date Issued: 07/31/2018

APPENDIX C
Lead Sample Location Plan



ARCHITECTURAL FLOOR PLAN @ ELEV. 21.00'

SCALE: 1/4" = 1'-0"



FLOOR SLAB REINFORCING PLAN @ ELEV. 21.00'

SCALE: 1/4" = 1'-0"

12014

AS BUILT DEC. 1981

NO	DESCRIPTION	BY	FRW	DATE	S&P	DATE	FW	DATE
	REVISIONS	SUBMITTAL			APPROVAL			
▷	REMOVED WET WELL ACCESS DOORS	JWH	W&F	8-3-78		8-22-78		8-22-78

SUBMITTED BY: Bruce Waltz — REG. ENGR. FLA. NO. 7614 — DATE 7-25-74 — WALTZ & FRYE CONSULTING ENGINEERS, INC.

APPROVAL RECOMMENDED BY: R. Zuttermeister — REG. ENGR. FLA. NO. 9663 — DATE 7-25-74 — SVERDRUP & PARCEL AND ASSOCIATES, INC.

APPROVED BY: ____ REG. ENGR. FLA. NO. ____ DATE ____ WATER AND SEWER DIVISION

AUTHORIZED BY: H. Lazy — REG. ENGR. FLA. NO. 4377 — DATE 7/25/74 — OFFICE OF DIRECTOR OF PUBLIC WORKS, CITY OF JACKSONVILLE, FLORIDA

CITY OF JACKSONVILLE, FLORIDA
SEWERAGE IMPROVEMENT PROGRAM
SEWAGE PUMPING STATION
NORTH DISTRICT PART I

WALTZ & FRYE CONSULTING ENGINEERS, INC.
SVERDRUP & PARCEL AND ASSOCIATES, INC. — GENERAL CONSULTANT
DETAILED BY: JWH ASH — SCALE ____ DATE ____
CHECKED BY: H.R.F.

BISCAYNE VILLAGE PUMPING STATION
STRUCTURAL FLOOR PLAN

CONTR. NO. JS-41.1 — PROJ. NO. ____ — SHEET NO. 15 OF 65