

JACKSONVILLE AVIATION AUTHORITY JACKSONVILLE INTERNATIONAL AIRPORT JAX Water Tank Recoating and Miscellaneous Repairs

BID Number 21-17-42001

Addendum No. 2

To: ALL PROSPECTIVE BIDDERS

ALL HOLDERS OF BID DOCUMENTS

From: Jacksonville Aviation Authority

Date: April 1, 2021

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents as noted herein. Bidders are to acknowledge the receipt of this addendum in the space provided on the bid form. FAILURE TO DO SO MAY SUBJECT A BIDDER TO DISQUALIFICATION.

Bid Date: April 6, 2021 at 2:00 p.m., local time.

Lead Paint Investigation:

The JAA tested several samples of the existing Water Tower paint for lead content. The laboratory results are attached (Attachment No. 1). Based on the TCLP tests results, the waste generated from removal of the existing paint for surface preparation would be treated as non-hazardous. All removed paint debris shall be collected and properly disposed of off airport property.

<u>ATTACHMENT</u>	<u>SIZE</u>	<u>DESCRIPTION</u>
No. 1	5 pages (8.5 X 11)	Lead Paint Test Results

wood.

March 31, 2021

Wood Environment & Infrastructure Solutions, Inc. 6256 Greenland Road Jacksonville, Florida 32258 Phone: 904.396.5173 ● Fax: 904.396.5703 www.woodplc.com

Mr. Derek Powder.
Jacksonville Aviation Authority (JAA)
Jacksonville International Airport (JIA)
Jacksonville, Florida

Email: derek.powder@flyjacksonville.com

SUBJECT:

Data Report for Testing of JIA Water Tower Paint Coatings

Jacksonville International Airport

Jacksonville, Florida

Dear Mr. Powder.

Wood Environment & Infrastructure Solutions, Inc. (Wood) is pleased to present our results of our testing for leaded coatings on the JIA Water Tower.

Initial testing performed on March 18, 2021 included X-Ray Fluorescence (XRF) testing and paint chip sampling.

Those results are as follows:

XRF Testing

Lower Ground Level Exterior	•	Result: 0.3	Adjacent to Entry Door
Lower Ground Level Exterior		Result: 0.2	Opposite Side
Top of Tower		Result: 0.0	North
Top of Tower		Result: 0.1	South

XRF results are in milligrams per square centimeter.

Paint Chips

PC-1 Lower Ground Level Result: 120 ppm Front
PC-2 Top of Tower Result: <80 ppm South Area
ppm = parts per million

Additional testing performed on March 23, 2021 included Toxicity Characteristic Leaching Procedure (TCLP) testing. Two samples of tower coatings were obtained as follows:

JIA-TCLP-1 Tower Base at ground Level Result: <0.40 mg/L
JIA-TCLP-2 Tower Base at Ground Level Result: <2.6 mg/L

mg/L = parts per million

The Environmental Protection Agency (EPA lead TCLP threshold is 5.0 ppm

The first TCLP sample paint chips were solely from the exterior of the water tower. The second TCLP test included exterior and interior paint chips.

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The analysis of the paint chip samples and TCLP samples was performed by *EMSL Analytical Laboratories*. The analysis results are attached to this data report.

If you have any questions, or if we may be of any other service to you, please call me at 904-610-5379. Sincerely,

en de la companya de

Wood Environment Infrastructure Solutions, Inc.

James E. Marsh Project Scientist

EPA Lead Risk Assessor



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

http://www.EMSL.com

cinnaminsonleadlab@emsl.com

EMSL Order:

202102790

CustomerID:

AMECN25

CustomerPO:

674120439704

ProjectID:

James Marsh

Wood Env. & Infrastructure Solutions

6256 Greenland Road Jacksonville, FL 32258 Phone:

(904) 396-5173

Fax:

(904) 399-3176

Received:

03/19/21 10:30 AM

Collected:

3/18/2021

Project: 6741-20-4397.04

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

Client Sample Description	Lab ID Collected	Analyzed	Weight	Lead Concentration
PC-1	202102790-0001 3/18/202 Site: lower level front	1 3/19/2021	0.2878 g	120 ppm
PC-2	202102790-0002 3/18/202 Site: roof top	1 3/19/2021	0.2707 g	<80 ppm

The MS recovery of samples -0001 and -0002 fell outside the control limits high, therefore the results may be biased high. All other QC results met criteria.

> Phillip Worby, Lead Laboratory 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. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AlHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 03/19/2021 16:41:51



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

http://www.EMSL.com

cinnaminsonleadlab@emsl.com

EMSL Order:

202102993

CustomerID:

AMECN25

CustomerPO: ProjectID:

James Marsh

Wood Env. & Infrastructure Solutions

6256 Greenland Road Jacksonville, FL 32258 Phone:

(904) 396-5173

Fax:

(904) 399-3176

Received:

03/24/21 11:00 AM

Collected:

Project: 6741.20-4397.04 / JAA-J1A Water Tower

Test Report: Toxicity Characteristic Leachate Procedure (1311/7000B)

Client Sample Descriptio	n Lab ID	Collected	Analyzed	Lead Concentration
J1A-TCLP-1	202102993-0001 Site: Base		3/26/2021	<0.40 mg/L
J1A-TCLP-2	202102993-0002 Site: Base	2	3/26/2021	2.6 mg/L

Phillip Worby, Lead Laboratory 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. "<" (less than) result signifies that 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. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Initial report from 03/29/2021 17:00:20

OrderID: 202102993

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

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6741-20-1	1357.04

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PHONE: FAX:

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NIOSH 7300 modified ICP-AESICP-MS 0.5 µg/filter	Air	NIOSH 708:	2	Flame Atomic Abs	sorption	4 μg/fil	er	
SW846-7000B			-					
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