



November 11, 2020

Knoxville's Community Development Corporation
901 N. Broadway Street
Knoxville, TN 37917

Attention: Mr. David Cook

Reference: **Results of Limited Paint Chip Sample Analysis for Lead**
Island Home Airport - RAM Hangar
2701 Spence Place
Lowland, Tennessee 37920
S&ME Project No. 4143-19-134 P007

Dear Mr. Cook:

This letter summarizes limited paint chip sampling performed by S&ME, Inc. (S&ME) at the RAM Hangar located at Island Home Airport in Knoxville, Tennessee. The limited sampling was completed per request for services by David Cook of Knoxville's Community Development Corporation (KCDC) to Eric Solt of S&ME in a telephone conversation on October 27, 2020. KCDC issued Purchase Order 146408-55969 as authorization of the testing services.

Paint chip sampling was conducted by Aaron Reeves of S&ME on October 27, 2020 from the interior of the hangar (white paint, sample IHA-P01) and exterior walls (gray paint, sample IHA-P02). Paint chip samples were placed in sealable plastic bags, labeled, and shipped to EHS Laboratories (EHS) under chain of custody for analysis for lead by flame atomic absorption spectroscopy (Method SW 846 7000B). Analytical results indicate that lead concentrations in the samples did not exceed 0.5%, therefore the sampled paint is not considered to be lead-based paint. The EHS Analysis Report and chain of custody is attached.

We appreciate the opportunity to work with you. Please call if you have any questions regarding this report.

Sincerely,

S&ME, Inc.

A handwritten signature in blue ink, appearing to read 'AR', is written over the name Aaron Reeves.

Aaron Reeves
Industrial Hygienist

A handwritten signature in blue ink, appearing to read 'ESolt', is written over the name Eric M. Solt.

Eric M. Solt, P.G.
Senior Project Manager

Attachments: Sample Location Photographs
EHS Analysis Report




1	Location / Orientation	Southwest corner of hangar
	Remarks	White paint, Sample IHA-P01



Date: 10/27/2020

Photographer: Aaron Reeves

2	Location / Orientation	Exterior south wall, looking east
	Remarks	Gray paint sample, lower level of metal panels, Sample IHA-P02



Date: 10/27/2020

Photographer: Aaron Reeves



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead Paint Chip Analysis Report

Report Number: 20-10-06272

Client: S&ME Inc. - Louisville
 1413 Topside Road
 Louisville, TN 37777

Received Date: 10/30/2020
 Analyzed Date: 11/02/2020
 Reported Date: 11/03/2020

Project/Test Address: 4143-19-139 Phase 005; Island Home Airport
 Collection Date: 10/27/2020

Client Number:
 44-3087

Laboratory Results

Fax Number:
 865-970-2312

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
20-10-06272-001	IHA-P01		78	0.0078	
20-10-06272-002	IHA-P02		280	0.028	

Preparation Method: ASTM E-1979-17
 Analysis Method: EPA SW846 7000B

Reviewed By Authorized Signatory: *Melissa Kanode*

Missy Kanode
 QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm². The Reporting Limit (RL) for samples prepared by ASTM E-1979-17 is 10.0 ug Total Pb. The RL for samples prepared by EPA SW846 3050B is 25.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, etc., was provided by the client. Results reported above in mg/cm³ are calculated based on area supplied by client. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C.

ELLAP Accreditation through AIHA-LAP, LLC (100420), NY ELAP #11714.

LEGEND Pb= lead ug = microgram ppm = parts per million
 ug/g = micrograms per gram Wt. = weight

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: S&ME INC./Knoxville Branch Date: 10/29/2020
 Address: 1413 Topside Road Contact Name: Aaron Reeves
 City, State, Zip: Louisville, Tennessee 37777 Sampler Name: Aaron Reeves
 EHS Client Account #: 44-3087A Project #: 4143-19-139 Phase 005
 Phone #: (865) 970-0003 Fax #: 865-970-2312 Island Home Airport
 P.O. #: 4143-19-139 Phase 005

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals <small>(Specify metals below)</small>				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>							
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe* (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)	48 HOUR TURNAROUND REQUESTED
IHA-P01	10/27/2020						X																		
IHA-P02	10/27/2020						X																		

20-10-06272



Due Date:
 11/03/2020
 (Tuesday)
 AE

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: Aaron Reeves Signature: [Signature] Date/Time: 10/29/2020--1400
 Received by: [Signature] Signature: [Signature] Date/Time: [Signature]
 Released by: [Signature] Signature: [Signature] Date/Time: [Signature]
 Received by: [Signature] Signature: [Signature] Date/Time: [Signature]

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