

Coleman Creek Consulting, Inc.

LEAD PAINT SURVEY OF VA SORCC – BUILDING 206 8495 Crater Lake Highway, White City, Oregon FOR KISTLER+SMALL+WHITE ARCHITECTS

INTRODUCTION

Coleman Creek Consulting, Inc. (CCC) was retained by Kistler+Small+White Architects (KSW) to perform a lead paint survey of the Veterans Administration Southern Oregon Rehabilitation Center & Clinics (VA SORCC) at the above location. The purpose of the lead paint survey was to determine the concentration of lead in paint prior to building demolition activities.

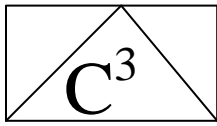
LEAD PAINT SURVEY

David W. Fawcett of CCC visited the site January 15, 2015, and reviewed the interior of Building 206 with Todd Kinsey, VA SORCC Representative. Mr. Fawcett collected representative paint samples from painted materials inside the building. Due to extensive interior renovation work performed in 1986, Mr. Fawcett collected samples from areas of the building that appeared to contain building materials pre-dating the renovation work. Mr. Fawcett returned January 20, 2015, and collected representative exterior paint samples. See Lead Paint Site Sample Record Sheets (pages 3-4) for description and location of samples. See photographs of representative paint sample locations in Appendix A. Mr. Fawcett packaged the paint samples for overnight delivery to IATL for lead paint analysis.

LEAD PAINT SAMPLE ANALYSIS

The submitted paint samples were analyzed by IATL with the following method: ASTM D3334-85A “Standard Method To Test For Low Concentrations of Lead In Paint By Atomic Absorption Spectrophotometry”. Lead paint concentration results are listed below:

1. The brown interior paint on wood baseboard in Room CR-206-2A was reported with a concentration of 2,500 parts per million (ppm) lead.
2. The gray interior paint on the wood floor in Room CR-206-2A was reported with <0.0085 ppm lead.
3. The tan interior paint on the pipe riser in Room CR-206-1B was reported with 1,600 ppm lead.
4. The white interior paint on the support post in Room 255 was reported with 400 ppm lead.
5. The white exterior paint on the Lower North (East Side) window trim was reported with 1,300 ppm lead.
6. The gray exterior paint on the Lower North Porch concrete sill was reported with 700 ppm lead.
7. The blue exterior paint on the North concrete access ramp was reported with <0.0026 ppm lead.



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8. The green exterior paint on the North concrete access ramp metal rail support was reported with <0.0015 ppm lead.

The IATL Lead Paint Sample Analysis Summary is enclosed in Appendix B.

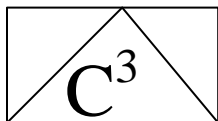
LEAD REGULATORY STANDARDS

OSHA requires an assessment of lead paint exposure during disturbance of lead painted materials. Lead abatement requirements and standards do not apply to demolition projects that impact lead painted materials.

RECOMMENDATIONS

Specifications to address disturbance of lead painted materials during demolition activities should be established regarding contractor requirements and engineering controls.

David W. Fawcett
Director of Consulting Operations



Coleman Creek Consulting, Inc.

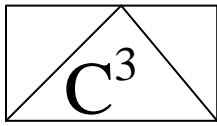
LEAD PAINT SITE SAMPLE RECORD SHEET

BUILDING: VA SORCC Building 206
ADDRESS: 8495 Crater Lake Highway
White City, Oregon

DATE: 01-15-15
INSPECTOR: David W. Fawcett

SAMPLE #	DESCRIPTION	LOCATION
14-113A.L1	Brown Interior Paint	Room CR-206-2A, Wood Base at Floor
14-113A.L2	Gray Interior Paint	Room CR-206-2A, Wood Floor
14-113A.L3	Tan Interior Paint	Room CR 206-1B, Pipe Riser
14-113A.L4	White Interior Paint	Room 255 Wood Support Post

Comments: All samples are multi-layer down to substrate surface.



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LEAD PAINT SITE SAMPLE RECORD SHEET

BUILDING: VA SORCC Building 206
ADDRESS: 8495 Crater Lake Highway
White City, Oregon

DATE: 01-20-15
INSPECTOR: David W. Fawcett

SAMPLE #	DESCRIPTION	LOCATION
14-113A.L5	White Exterior Paint	Lower North Window Trim, East Side Middle
14-113A.L6	Gray Exterior Paint	Lower North Concrete Sill, West Porch
14-113A.L7	Blue Exterior Paint	North Concrete Access Ramp
14-113A.L8	Green Exterior Paint	North Concrete Access Ramp Metal Rail Support

Comments: All samples are multi-layer down to substrate surface.

APPENDIX A

**REPRESENTATIVE PAINT SAMPLE LOCATION
PHOTOGRAPHS**



Sample 14-113A.L1, Brown Paint, 0.025 ppm



Sample 14-113A.L2, Gray Paint, <0.0085 ppm



Sample 14-113A.L3, Tan Paint, 0.016 ppm



Sample 14-113A.L4, White Paint, 0.04 ppm



Sample 14-113A.L5, White Paint, 0.13 ppm



Sample 14-113A.L6, Gray Paint, 0.07 ppm



Sample 14-113A.L7, Blue Paint, <0.0026 ppm



Sample 14-113A.L8, Green Paint, <0.015 ppm

APPENDIX B

**IATL LEAD PAINT SAMPLE ANALYSIS
SUMMARY**

CERTIFICATE OF ANALYSIS

Client: Coleman Creek Consulting
P.O. Box 1926
Phoenix OR 97535

Report Date: 1/23/2015
Report Number: 354933
Project: B206-VA
Project No.: 14-113A

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Location / Description</u>	<u>Concentration Lead By Weight (%)</u>
5532020	14-113A.L1	Lead Paint	0.25
5532021	14-113A.L2	Lead Paint	<0.0085
5532022	14-113A.L3	Lead Paint	0.16
5532023	14-113A.L4	Lead Paint	0.040
5532024	14-113A.L5	Lead Paint	0.13
5532025	14-113A.L6	Lead Paint	0.07 ***
5532026	14-113A.L7	Lead Paint	<0.0026
5532027	14-113A.L8	Lead Paint	<0.015 *

Accreditations:

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA-LAP, LLC No. 100188

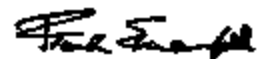
NYSDOH-ELAP No. 11021

Analytical Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(3050B:7000B) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. IATL assumes that appropriate sampling methods have been used and the data upon which these results are based have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0044% by weight. RL= 0.010% by weight (based upon 100 mg sampled). * Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 1/22/2015
Date Analyzed: 1/23/2015
Analyst: C. Shaffer

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

- Chain of Custody -

Client: **Coleman Creek Consulting, Inc.**
P.O. Box 1926
Phoenix, Oregon 97535

Project Name: B206 - VA
Project No.: 14-113A

Phone/Fax: **541-535-7108 / 541-535-8795**
Email: **fawbro@ccountry.net / jburgess@ccountry.net**

Contact: Dave Fawcett
Cell: _____

Special Instructions: **Please E-Mail Results**

Type:

Asbestos		Lead		Other	
<input type="checkbox"/> Air	<input type="checkbox"/> Soil	<input type="checkbox"/> Air	<input type="checkbox"/> Soil	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Bulk	<input type="checkbox"/> Dust	<input type="checkbox"/> Bulk	<input checked="" type="checkbox"/> Paint	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Water	<input type="checkbox"/> Other	<input type="checkbox"/> Water	<input type="checkbox"/> Other	<input type="checkbox"/>	<input type="checkbox"/>

Analysis Method:

<input type="checkbox"/> PCM : NIOSH 7400	<input type="checkbox"/> PLM : Bulk Asbestos EPA 600	<input type="checkbox"/> TEM : AHERA
<input type="checkbox"/> PCM : OSHA	<input type="checkbox"/> PLM : Point Counting 198.1	<input type="checkbox"/> TEM : NIOSH 7402
<input type="checkbox"/> PCM : Other _____	<input type="checkbox"/> PLM : NOB via 198.1 (PLM only)	<input type="checkbox"/> TEM : EPA Level II
<input type="checkbox"/> AAS : NIOSH 7082 (Air)	<input type="checkbox"/> If <1% by PLM, to TEM via 198.4	<input type="checkbox"/> TEM : Microvac Dust
<input type="checkbox"/> AAS : Lead in Drinking Water	to meet NYSDOH requirements **	<input type="checkbox"/> TEM : Asbestos in Water
<input checked="" type="checkbox"/> AAS : Lead in Paint ASTM D3335-85a	(**call to confirm TAT!)	<input type="checkbox"/> TEM : Bulk Analysis
<input type="checkbox"/> AAS : Lead Dust/Wipe "		<input type="checkbox"/> TEM : NOB 198.4
<input type="checkbox"/> AAS : Other Metals / Soil _____		<input type="checkbox"/> TEM : Other _____
		<input type="checkbox"/> Total Dust : NIOSH 0500

Turnaround Time:

FAX: _____ Verbal: _____
date / time date / time

☐ 10 Day ☐ 5 Day ☐ 3 Day ☒ 2 Day ☐ 1 Day ☐ 6 hour ☐ RUSH

Preliminary FAX/Verbal Results Requested by: _____

Sample Numbers:

14-113A.11-L8
Client #(s): _____ IATL#(s): _____ Total: _____
(start) (end) (start) (end)

Chain of Custody:

Relinquished: <u>Dave Fawcett</u>	Date: <u>1/21/15</u>	Time: <u>0845</u>
Received: _____	Date: _____	Time: _____
Sample Log-in: <u>1122105</u>	Date: _____	Time: _____
Sample Prep: <u>(1122105)</u>	Date: <u>JAN 22 2015</u>	Time: _____
Analyzed: _____	Date: _____	Time: _____
QA/QC Review: <u>1/23/15</u>	Date: _____	Time: _____

Archived/Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

DAILY QUALITY CONTROL DATA**LEAD SAMPLE ANALYSIS**


(DATE: 01 / 23 / 15)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	102
Lab Control Std	1.650	100
Matrix Spike - LBP *	0.28	95
Matrix Spike - Wipe *	0.42	95
Matrix Spike - Soil *	0.338	101
Matrix spike - Air *	0.050	102
2.5 ppm Standard	0.25	96
10.0 ppm Standard	1.0	100
40.0 ppm Standard	4.0	99

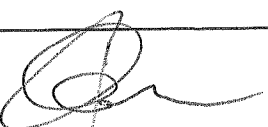
AIHA-LAP, LLC No. 100188**NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: 

R. Chad Shaffer

Date: 1/23/15Approved By: Frank E. Ehrenfeld, III
Laboratory Director