

# Coleman Creek Consulting, Inc.

## **LEAD PAINT SURVEY OF VA SORCC – BUILDING 207 8495 Crater Lake Highway, White City, Oregon FOR 2FORM ARCHITECTURE**

### **INTRODUCTION**

Coleman Creek Consulting, Inc. (CCC) was retained by 2fORM Architecture 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.

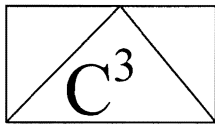
### **LEAD PAINT SURVEY**

David W. Fawcett of CCC visited the site May 25, 2016, and reviewed the interior and exterior of Building 207 with Andy Briones, VA Project Manager. Mr. Fawcett collected representative paint samples from painted materials inside and outside the building. Due to extensive interior renovation work performed in the late 1980's and more recently, Mr. Fawcett collected samples from areas of the building that appeared to contain building materials pre-dating the renovation work. See Lead Paint Site Sample Record Sheet (pages 3) for description and location of samples. See a visual representation of the sample locations in Appendix A, Lead Paint Sample Location Diagram. See photographs of representative paint sample locations in Appendix B. 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 gray interior wood floor paint in Room CR207-2A was reported with a concentration of 120 parts per million (ppm) lead.
2. The white/green interior paint on the window ledge in Room CR207-2A was reported with 1,400 ppm lead.
3. The white interior paint on the cabinet top in Room 210 was reported with 340 ppm lead.
4. The white interior wall paint in Room CR207-2A was reported with 1,600 ppm lead.
5. The white exterior paint on the North end East side window trim was reported with <90 ppm lead.
6. The white exterior paint on the North entry old door trim was reported with 2,200 ppm lead.
7. The white exterior paint on the cement sill on the North Porch was reported with 110 ppm lead.



# Coleman Creek Consulting, Inc.

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

## LEAD REGULATORY STANDARDS

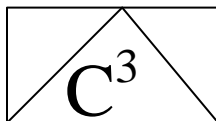
OSHA requires an assessment of lead paint exposure during disturbance of lead painted materials. The Oregon Health Authority lead abatement requirements and standards do not apply to demolition projects that impact lead painted materials.

## 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

Carl B. Lukens  
ABIH CIH #5366  
Rogue Occupational Hygiene Consulting



# Coleman Creek Consulting, Inc.

## LEAD PAINT SITE SAMPLE RECORD SHEET

BUILDING: VA SORCC Building 207  
ADDRESS: 8495 Crater Lake Highway  
White City, Oregon

DATE: 05-25-16  
INSPECTOR: David W. Fawcett

SAMPLE #	DESCRIPTION	LOCATION
15-090A.L1	Gray Interior Paint	Room CR207-2A, Wood Floor
15-090A.L2	White/Green Interior Paint	Room CR207-2A, Window Ledge
15-090A.L3	White/Green Interior Paint	Room 210, Cabinet Top
15-090A.L4	White Interior Paint	2 <sup>nd</sup> Floor Corridor Wall Above Ceiling Tile
15-090A.L5	White Exterior Paint	1 <sup>st</sup> Floor North, East Side Middle Window Frame
15-090A.L6	White Exterior Paint	1 <sup>st</sup> Floor North, East Side Entry, Old Door Frame
15-090A.L7	White Exterior Paint	North Porch, West Side Concrete Sill

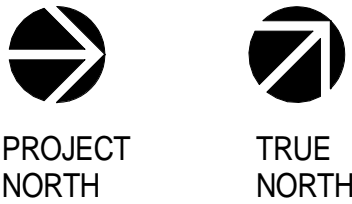
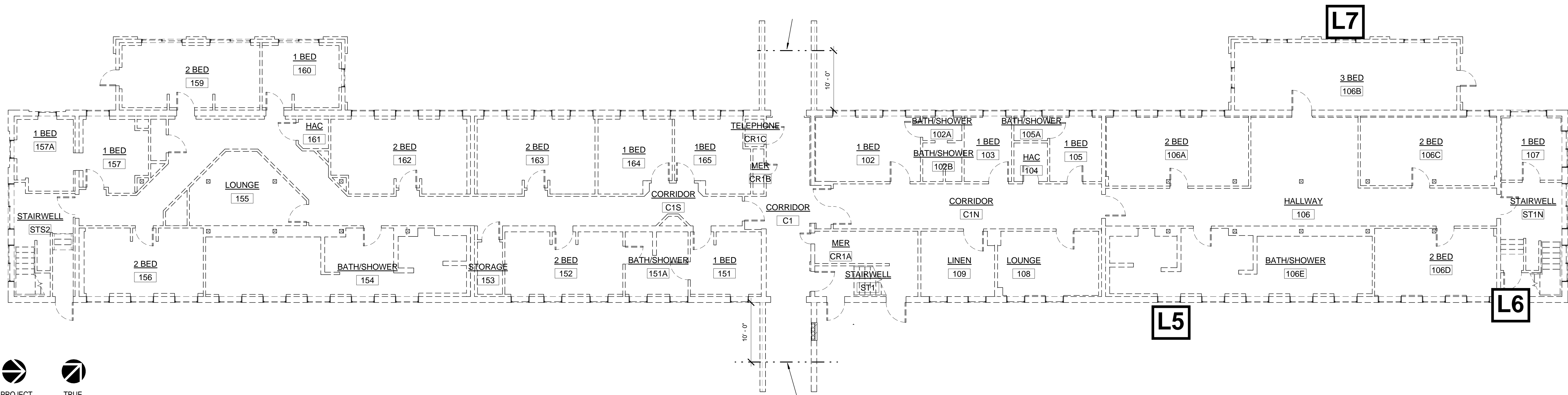
Comments: All samples are multi-layer down to substrate surface.

## **APPENDIX A**

### **LEAD PAINT SAMPLE LOCATION DIAGRAMS 1<sup>ST</sup> FLOOR AND 2<sup>ND</sup> FLOOR**

LEAD PAINT SAMPLE LOCATION DIAGRAM

VA SORCC B207 - 1st Floor



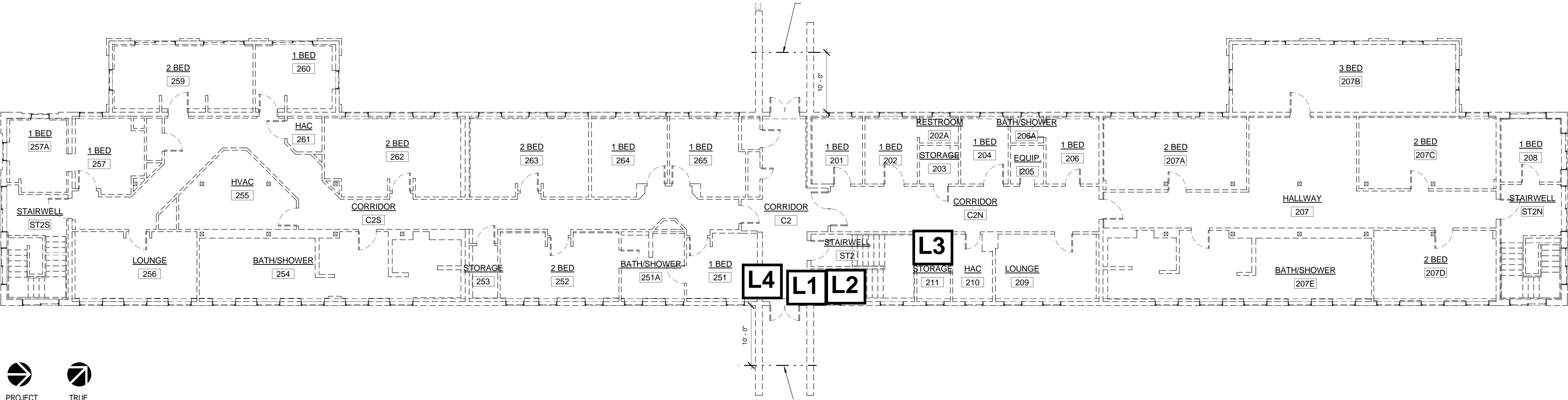
1 DEMO PLAN - FIRST FLOOR  
1/8" = 1'-0"

LEGEND:

**L5** = Lead Paint Sample Location

# LEAD PAINT SAMPLE LOCATION DIAGRAM

## VA SORCC B207 - 2nd Floor



1 DEMO PLAN - SECOND FLOOR  
1/8" = 1'-0"

LEGEND:

**L2** = Lead Paint Sample Location

**APPENDIX B**

**REPRESENTATIVE PAINT SAMPLE LOCATION  
PHOTOGRAPHS**



Sample 15-090A.L1, Gray Floor, 120 ppm Lead



Sample 15-090A.L2, Window Sill, 1,400 ppm Lead



Sample 15-090A.L3, Cabinet Top, 340 ppm Lead

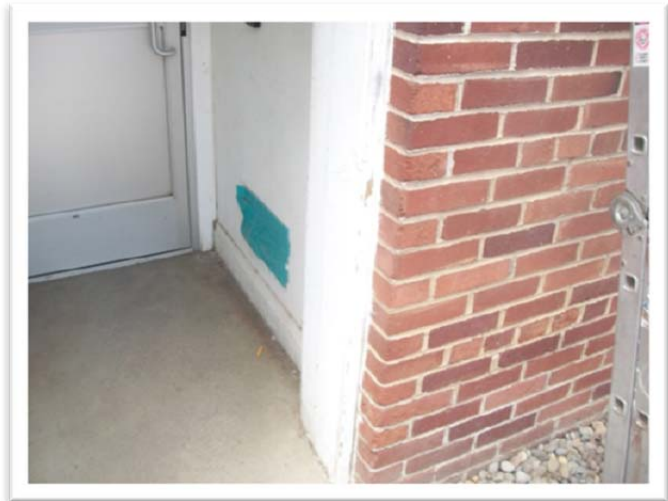


Sample 15-090A.L4, Wall Paint, 1,600 ppm Lead





Sample 15-090A.L5, Window Trim, <90 ppm Lead



Sample 15-090A.L6, Window Trim, 2,200 ppm Lead



Sample 15-090A.L7, Cement Sill, 110 ppm Lead

## **APPENDIX C**

### **IATL LEAD PAINT SAMPLE ANALYSIS SUMMARY**

## CERTIFICATE OF ANALYSIS

**Client:** Coleman Creek Consulting  
PO Box 1926  
Phoenix OR 97535

**Report Date:** 5/27/2016  
**Report No.:** 510642 - Lead Paint  
**Project:** VA B207  
**Project No.:** 15-090A

**Client:** COL227

### LEAD PAINT SAMPLE ANALYSIS SUMMARY

**Lab No.:**5938743  
**Client No.:**L1

**Description:**  
**Location:**

**Result (% by Weight):**0.012  
**Result (ppm):**120  
**Comments:**

**Lab No.:**5938744  
**Client No.:**L2

**Description:**  
**Location:**

**Result (% by Weight):**0.14  
**Result (ppm):**1400  
**Comments:**

**Lab No.:**5938745  
**Client No.:**L3

**Description:**  
**Location:**

**Result (% by Weight):**0.034  
**Result (ppm):**340  
**Comments:**\*\*\*

**Lab No.:**5938746  
**Client No.:**L4

**Description:**  
**Location:**

**Result (% by Weight):**0.16  
**Result (ppm):**1600  
**Comments:**\*\*\*

**Lab No.:**5938747  
**Client No.:**L5

**Description:**  
**Location:**

**Result (% by Weight):**<0.0092  
**Result (ppm):**<92  
**Comments:**

**Lab No.:**5938748  
**Client No.:**L6

**Description:**  
**Location:**


**Result (% by Weight):**0.22  
**Result (ppm):**2200  
**Comments:**

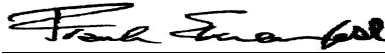
**Lab No.:**5938749  
**Client No.:**L7

**Description:**  
**Location:**

**Result (% by Weight):**0.011  
**Result (ppm):**110  
**Comments:**

Please refer to the Appendix of this report for further information regarding your analysis.

**Date Received:** 5/26/2016  
**Date Analyzed:** 5/27/2016 9:35:17 AM  
**Signature:**   
**Analyst:** Mark Stewart

**Approved By:**   
Frank E. Ehrenfeld, III  
Laboratory Director

## CERTIFICATE OF ANALYSIS

**Client:** Coleman Creek Consulting  
PO Box 1926  
Phoenix OR 97535

**Report Date:** 5/27/2016  
**Report No.:** 510642 - Lead Paint  
**Project:** VA B207  
**Project No.:** 15-090A

**Client:** COL227

### Appendix to Analytical Report:

**Customer Contact:** Dave Fawcett  
**Analysis:** ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

**iATL Customer Service:** customerservice@iatl.com  
**iATL Office Manager:** cdavis@iatl.com  
**iATL Account Representative:** Pete Lesniak  
**Sample Login Notes:** See Batch Sheet Attached  
**Sample Matrix:** Paint  
**Exceptions Noted:** See Following Pages

### General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at [www.iATL.com](http://www.iATL.com) and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

### Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

#### Certification:

- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188  
- NYSDOH-ELAP No. 11021

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 that 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.

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## CERTIFICATE OF ANALYSIS

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**Client:** Coleman Creek Consulting  
PO Box 1926  
Phoenix OR 97535

**Client:** COL227

**Report Date:** 5/27/2016  
**Report No.:** 510642 - Lead Paint  
**Project:** VA B207  
**Project No.:** 15-090A

### Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at [customerservice@iatl.com](mailto:customerservice@iatl.com).

\* NOTE: Multiple samples received in container. Composite analysis requested per EPA/HUD guidelines not covered by NLLAP/AIHA accreditation.



# Chain of Custody

9000 Commerce Parkway  
Suite B  
Mt. Laurel, NJ 08054  
Toll Free: 877 428-4285  
info@iatl.com  
www.iatl.com

E-MAILED  
5/27/16 AD

Client:

Coleman Creek Consulting

Project Name:

VA B207

Project No.:

15-090A

Office Phone:

Cell Phone:

FAX / Email 1:

Contact 1:

Dave Fawcett

Contact 2:

FAX / Email 2

Special

Instructions:

## Matrix:

☐ Air ☐ Soil ☐ Bulk ☐ Other  
☐ Water ☒ Paint ☐ Surface Dust / Wipe

## Analysis Method:

☐ PCM : NIOSH 7400  
☐ PCM : OSHA  
☐ PCM : TWA

☐ AAS : Lead in Air  
☐ AAS : Lead in Water  
☒ AAS : Lead in Paint  
☐ AAS : Lead Dust/Wipe<sup>1</sup>  
☐ AAS : Lead in Soil  
☐ AAS : TCLP  
☐ AAS : Metals ( Cd, Zn, Cr)

See Page 2 for Bulk Asbestos Specific Log

☐ PLM : Bulk Asbestos EPA 600  
☐ PLM : Point Counting 198.1  
☐ PLM : NOB via 198.1 (PLM only)  
☐ If <1% by PLM, to TEM via 198.4<sup>2</sup>  
☐ PLM : See page 2 for instructions

See Page 4 for Mold Specific Log

☐ IAQ: I Bioaersol Fungal Spore Trap<sup>3</sup>  
☐ IAQ: II Bioaersol Fungal Spore Trap<sup>4</sup>  
☐ IAQ: Tape, Bulk, Misc. Qualitative<sup>3</sup>  
☐ IAQ: Tape, Bulk, Misc. Quantitative<sup>3</sup>  
☐ IAQ: Other Culturable ID<sup>2</sup>

☐ TEM : AHERA  
☐ TEM : NIOSH 7402  
☐ TEM : Dust / Wipe  
☐ TEM : Dust / Microvac  
☐ TEM : NOB 198.4  
☐ TEM : Bulk Analysis  
☐ TEM : Potable Water  
☐ TEM : Non-Potable Water  
☐ TEM : Other  
☐ Total Dust : NIOSH 0500  
☐ Total Dust : NIOSH 0600

1- Requires ASTM acceptable material

2- Call to confirm TAT

3- Non-culturable

4- With Non-fungal Microscopic Exam

## Turnaround Time:

Preliminary Results Requested By...

date / time

☐ Verbals

☐ FAX

☐ Email

☐ 10 Day ☐ 5 Day ☐ 3 Day ☐ 2 Day ☒ 1 Day\* ☐ 12 Hour\*\* ☐ 6 Hour\*\* ☐ RUSH\*\*

\* End of next business day unless otherwise specified.

\*\* Matrix Dependent. Please notify the lab before shipping.

Sample Numbers: 15-090A-11-17

Client #(s): (start) - (end)

IATL #(s): (start) - (end) Total:

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

## Chain of Custody:

Relinquished (Name / Organization):

Received (Name / IATL):

Sample Login (Name / IATL):

Sample Prep (Name / IATL):

Analysis (Name(s) / IATL):

QA/QC Review (Name / IATL):

Archived / Released:

QA/QC InterLAB Use:

Date:

Date:

Date:

Date:

Date:

Date:

Date:

Time:

Time:

Time:

Time:

Time:

Time:

Time:

IATL - By

**DAILY QUALITY CONTROL DATA****LEAD SAMPLE ANALYSIS**


(DATE: 05 / 27 / 16 )

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	102
Lab Control Std	1.030	103
Matrix Spike - LBP *	0.29	107
Matrix Spike - Wipe *	0.31	95
Matrix Spike - Soil *	0.418	92
Matrix spike - Air *	0.050	92
2.5 ppm Standard	0.25	93
10.0 ppm Standard	1.0	100
40.0 ppm Standard	4.0	99

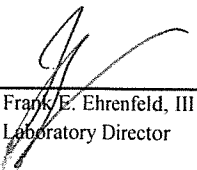
**AIHA-LAP, LLC No. 100188****NYSDOH-ELAP No. 11021**

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: 

M. Stewart

Date: 5/27/16Approved By: Frank E. Ehrenfeld, III  
Laboratory Director