



1220 Concord Avenue, Suite 450
Concord, CA 94520
P (510) 547-7771
Terracon.com

April 18, 2024

Ryan Bartow
Facilities Project Specialist II
Mendocino County General Services
Facilities and Fleet Division
841 Low Gap Road
Ukiah, CA 95482

Re: Limited Asbestos and Lead Survey Report
890 N Bush Street – Front Porch
Ukiah, CA
Terracon Project No. R1247191

Dear Mr. Bartow,

Terracon conducted asbestos sampling of the covered porch on the east side of the building located at 890 N Bush Street in Ukiah, California prior to the planned renovation. The asbestos sampling was performed on March 11, 2024 by Mike Harrington in accordance with the requirements of the National Emissions Standard for Hazardous Air Pollutants (NESHAP). Mike Harrington is certified by the California Division of Occupational Safety and Health (Cal/OSHA) as a Site Surveillance Technician (SST# 01-3017). The survey was supervised by Steffen Steiner, a Cal/OSHA Certified Asbestos Consultant (CAC# 92-0850).

Nine (9) bulk samples were collected from three (3) homogeneous areas of suspect ACM, many of which consisted of multiple layers. A homogeneous area of suspect ACM is an area of materials or areas of materials that is uniform in color and texture and that appears to have been installed at the same time. Typical homogeneous areas might include a resilient flooring system or a wallboard system. Bulk samples were submitted under chain of custody to Eurofins EPK Built Environment Testing, LLC (Eurofins) in Tustin, California for analysis by polarized light microscopy (PLM) with dispersion staining techniques per EPA methodology (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopical visual estimation.

Terracon also conducted an inspection for lead-based paint in the same space. Mike Harrington is certified by the California Department of Public Health (CDPH) as a Lead Sampling Technician (#LRC-00005357). The lead inspection was supervised by Steffen Steiner, a certified CDPH Lead Inspector/Assessor (CDPH #LRC-00005586). One (1) paint-chip sample was collected from component of the building with an apparent unique painting history. The sample was submitted under chain of custody to Eurofins EPK Built Environment Testing, LLC of Tustin, California for analysis by Flame Atomic Absorption in accordance with EPA Method 3050B/7000B.

Results and Conclusions

Laboratory analysis reported that none of the suspect ACM contain asbestos. A summary of the results is provided in Table I below.



Table I

HA#	Material Description	Material Location	Result
01	Paint and plaster	Front porch portico and columns	ND
02	Concrete	Front porch portico and columns	ND
03	Black vapor barrier	Interior of porch columns	ND

ND = None Detected

Laboratory analysis reported the paint chip sample contained detectable levels of lead. A summary of the lead sample result is below in Table II.

Table II
 Lead Containing Paint

Sample #	Material Description	Sample Location	Lead Content (mg/kg, ppm)	Condition
PB-1	Beige paint on concrete wall	Exterior front porch	1,300 ppm	Fair

ppm = parts per million, mg/kg = milligram of lead per kilogram

A copy of the laboratory analytical reports and the associated chains of custody are attached to this report. Sample locations, material descriptions, and material locations, can be found in the chains of custody. A copy of the sample location diagram is also attached to this report.

Any materials that are not characterized in this report or materials that are subsequently revealed during demolition must be assumed to contain asbestos until sampling and analysis prove otherwise.

Conclusions / Recommendations

Based on results of the sampling, Terracon recommends the following:

- Asbestos was not detected in the three (3) suspect ACMs sampled.
- Lead was detected in the beige paint on the exterior walls and columns.
 - Disturbance of materials containing detectable concentrations of lead must be conducted in accordance with Cal/OSHA's lead in construction regulation (8 CCR 1532.1), CDPH's regulation 17 CCR 35001), and the EPA's 2008 Lead-Based Paint Renovation, Repair and Painting (RRP) Rule (40 CFR 745 Subpart E).



Limitations

The limited asbestos and lead sampling were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during the sampling event. This letter report has been prepared on behalf of and exclusively for use and reliance by the Client. This report is not a bidding document. Contractors or consultants reviewing this sampling report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories, or other third parties supplying information, which may have been used in the preparation of this report. No warranty, express or implied is made.

Terracon appreciates the opportunity to provide this service to the County of Mendocino. If you have any questions regarding this asbestos and lead survey report, please contact the undersigned at 510-899-7017.

Sincerely,
Terracon Consultants, Inc.

Reviewed By:

A handwritten signature in black ink, appearing to read 'Denise Wallen'.

Denise Wallen, CSST
Project Manager

Prepared By:

A handwritten signature in black ink, appearing to read 'Steffen Steiner'.

Steffen Steiner, CAC
Office Manager

Attachments



PHOTO 1. Column with Black Paper.



PHOTO 2. Inside Column



PHOTO 3. Upper Column



PHOTO 4- Front Porch-East Front to be demo

TERRACON

PHOTOS BY: M.Harrington DATE: 3/11/2024

REVIEWED BY: D.WALLEN DATE: 3/11/2024

**SITE PHOTOGRAPHS:
MARCH- 11, 2024
County of Mendocino-890 N.
Bush St.**

PROJECT NO. R1247191

PLATE
1



1C



1B-1

1A
2A
2C
3A
3C
3B



CAUTION



Report for:

Denise Wallen
Terracon Consultants, Inc.-Concord
1220 Concord Avenue
Suite 450
Concord, CA 94520

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: R1247191; County of Mendocino-890 N Bush St-Ukiah-CA
EML ID: 3570778

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 03-15-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(800) 651-4802 www.eurofinsus.com/Built

Client: Terracon Consultants, Inc.-Concord
C/O: Denise Wallen
Re: R1247191; County of Mendocino-890 N Bush St-
Ukiah-CA

Date of Sampling: 03-11-2024

Date of Receipt: 03-12-2024

Date of Report: 03-15-2024

ASBESTOS PLM REPORT

Total Samples Submitted: 9

Total Samples Analyzed: 9

Total Samples with Layer Asbestos Content > 1%: 0

Location: 1-A, Paint & Plaster; Front Porch Portico & Columns

Lab ID-Version‡: 17452489-1

Sample Layers	Asbestos Content
White Paint	ND
Red Plaster	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Good

Location: 1-B, Paint & Plaster; Front Porch Portico & Columns

Lab ID-Version‡: 17452490-1

Sample Layers	Asbestos Content
White Paint	ND
Red Plaster	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Good

Location: 1-C, Paint & Plaster; Front Porch Portico & Columns

Lab ID-Version‡: 17452491-1

Sample Layers	Asbestos Content
White Paint	ND
Red Plaster	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(800) 651-4802 www.eurofinsus.com/Built

Client: Terracon Consultants, Inc.-Concord
C/O: Denise Wallen
Re: R1247191; County of Mendocino-890 N Bush St-
Ukiah-CA

Date of Sampling: 03-11-2024

Date of Receipt: 03-12-2024

Date of Report: 03-15-2024

ASBESTOS PLM REPORT

Location: 2-A, Concrete; Front Porch Portico & Columns

Lab ID-Version‡: 17452492-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Beige Paint	ND
Sample Composite Homogeneity: Good	

Location: 2-B, Concrete; Front Porch Portico & Columns

Lab ID-Version‡: 17452493-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Beige Paint	ND
Sample Composite Homogeneity: Good	

Location: 2-C, Concrete; Front Porch Portico & Columns

Lab ID-Version‡: 17452494-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Beige Paint	ND
Sample Composite Homogeneity: Good	

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Eurofins EPK Built Environment Testing, LLC

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(800) 651-4802 www.eurofinsus.com/Built

Client: Terracon Consultants, Inc.-Concord
C/O: Denise Wallen
Re: R1247191; County of Mendocino-890 N Bush St-
Ukiah-CA

Date of Sampling: 03-11-2024

Date of Receipt: 03-12-2024

Date of Report: 03-15-2024

ASBESTOS PLM REPORT

Location: 3-A, Black Vapor Paper; Interior of Porch Columns

Lab ID-Version‡: 17452495-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Good

Location: 3-B, Black Vapor Paper; Interior of Porch Columns

Lab ID-Version‡: 17452496-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Good

Location: 3-C, Black Vapor Paper; Interior of Porch Columns

Lab ID-Version‡: 17452497-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



003570778



E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

 PM - Steff Steiner
steff.steiner@terracon.com PM - Karin Schroeter
karin.schroeter@terracon.com PM - Ken Pilgrim
ken.pilgrim@terracon.com PM - Tedd Kattchee
tedd.kattchee@terracon.com PM- David Block
david.block@terracon.com denise.wall@terracon.com
Engineering Assistant heidi.santos@terracon.com
Engineering Assistant

ACM BULK SAMPLE DATA SHEET

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. COUNTY OF MENDOCINO-890 N.BUSH ST -UKIAH-CA

Project# R1247191 Sampled By: M. HARRINGTON Sampling Date: 3-11-24

Sample(s) sent to: MAL ASB TEM EMLAB OtherTAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Quantity
1	PAINT & PLASTER	7000 S.F
Sample ID	Sample Location & Material Location	
1-A	FRONT PORCH PORTICO & COLUMNS	
1-B		
1-C		
2	CONCRETE	7000 S.F
Sample ID	Sample Location & Material Location	
2-A	FRONT PORCH PORTICO & COLUMNS	
2-B		
2-C		
3	BLACK VAPOR PAPER	500 S.F
Sample ID	Sample Location & Material Location	
3-A	INTERIOR OF PORCH COLUMNS	
3-B		
3-C		
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	

Relinquished By: M. HARRINGTON

Signature:

Date/Time: 3-11-24

Received By:

Signature:

Date/Time: 3/12/24 9:46

Relinquished By: _____

Signature: _____

Date/Time: _____

Received By: _____

Signature: _____

Date/Time: _____



Report for:

Denise Wallen
Terracon Consultants, Inc.-Concord
1220 Concord Avenue
Suite 450
Concord, CA 94520

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: R1247191; County of Mendocino- 890 N. Bush St- Ukiah- CA
EML ID: 3570295

Approved by:



Approved Signatory
Andrew Arestegui

Dates of Analysis:

Lead - Flame AA: 03-14-2024

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc.-Concord
 C/O: Denise Wallen

Re: R1247191; County of Mendocino- 890 N. Bush St- Ukiah- CA
 Date of Receipt: 03-12-2024
 Date of Report: 03-14-2024

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	PB-1: Beige concrete wall ext. portico
Comments (see below)	A
Lab ID-Version‡:	17447977-1
Analysis Date:	03/14/2024
Sample type	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm
Sample size	0.2502 grams
§Total Lead Result	1300 ppm

Comments: A) The relative percent difference of the matrix duplicate pair was above control limits. The laboratory control sample and matrix blank were both within control limits and validated the batch.

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

E-MAIL REPORT TO: PROJECT MANAGER (PM)			LEAD PAINT SAMPLE DATA SHEET * Lead Analysis <input checked="" type="checkbox"/> Flame AA (EPA 7420) <input checked="" type="checkbox"/> TTLC PAGE <u>1</u> OF <u>1</u>
<input checked="" type="checkbox"/> denise.wall@terracon.com Engineering Assistant	<input type="checkbox"/> heidi.santos@terracon.com Engineering Assistant		
<input type="checkbox"/> PM - Steff Steiner steff.steiner@terracon.com	<input type="checkbox"/> PM - Karin Schroeter karin.schroeter@terracon.com		
<input type="checkbox"/> PM - Ken Pilgrim ken.pilgrim@terracon.com	<input type="checkbox"/> PM - Tedd Kattchee tedd.kattchee@terracon.com	<input type="checkbox"/> PM - David Block david.block@terracon.com	

Project Name/ Address/ Building No. COUNTY OF MENDOCINO-890 N. BUSH ST-UKIAH-CA

Project# R124719 Sampled By: MIKE HARRINGTON Sampling Date: 3-11-24

Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____

TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
PB-1	Paint Color: <u>BEIGE</u> Substrate: <u>CONCRETE</u> Component: <u>WALL</u> Sample Location: Bldg # <u>EXT. PORTICO</u> Unit # _____ Room _____	F
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	



Relinquished By: <u>M. HARRINGTON</u>	Signature: <u><i>MH</i></u>	Date/Time: <u>3-11-24</u>
Received By: <u><i>John</i></u>	Signature: <u><i>[Signature]</i></u>	Date/Time: <u>3/12/24 9:4</u>
Relinquished By: _____	Signature: _____	Date/Time: _____
Received By: _____	Signature: _____	Date/Time: _____

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Michael D Harrington



Name

Certification No. **01-3017**

Expires on **12/05/24**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Michael Harrington

CERTIFICATE TYPE:

Lead Project Monitor

Lead Sampling Technician

NUMBER:

LRC-00005358

LRC-00005357

EXPIRATION DATE:

4/26/2024

4/26/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos Certification

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> actu@dir.ca.gov



212150850C

034

November 27, 2023

Steffen Paul Steiner

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

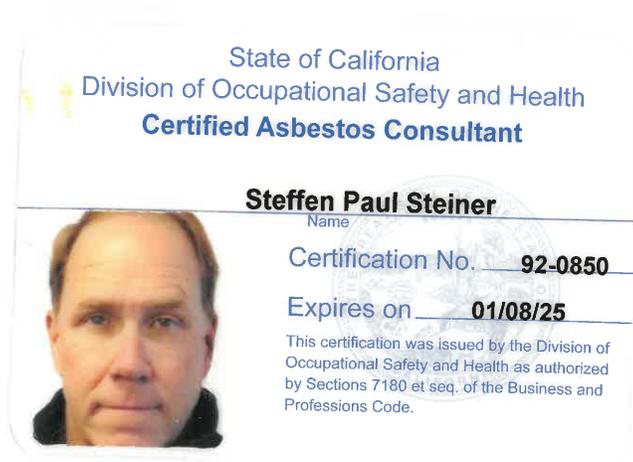
Please contact our office at the above address or email w any changes in your contact/mailling information within 15 days of the change.

Sincerely,

Kevin Graulich
Principal Safety Engineer

Attachment: Certification Card

cc: File



Renewal – Card Attached



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Steffen Steiner

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00005586

EXPIRATION DATE:

5/15/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD