



# **AMERICAN COMPLIANCE SERVICES, LTD**

## **ASBESTOS and LEAD BASED PAINT SURVEY**

**United Way / YMCA**

401 Amador Street

Vallejo, California



### **PREPARED FOR:**

**Mr. Chris Andrade**

**Greater Vallejo Recreation District**

395 Amador Street

Vallejo, California

### **PREPARED BY:**

**American Compliance Services, LTD**

554 Morning Glory Drive

Benicia, CA 94510

### **DATE PREPARED:**

**September 27, 2021**

# Table of Contents

|  |   |
|--|---|
| SECTION I EXECUTIVE SUMMARY .....                      | 1 |
| SECTION II SCOPE OF WORK.....                          | 1 |
| SECTION III DEFINITIONS.....                           | 1 |
| SECTION IV ASBESTOS INSPECTION RESULTS & FINDINGS..... | 3 |
| Table 1 Asbestos.....                                  | 3 |
| Table 1 Asbestos (Continued) .....                     | 4 |
| SECTION V LEAD INSPECTION RESULTS & FINDINGS .....     | 5 |
| Table 2 – Lead .....                                   | 5 |
| SECTION VI METHODS.....                                | 5 |
| SECTION VII NOTICE, PERMITS, AND LICENSES.....         | 6 |
| SECTION VIII LIMITATION AND EXCLUSIONS.....            | 7 |
| SECTION IX TECHNICAL STAFF SIGNATURES .....            | 8 |
| CERTIFICATE OF REPORT.....                             | 8 |

## Attachments

- Sample/Material Location Map(s)
  - Asbestos
  - Lead
- Photographs
- Laboratory Results
  - Asbestos
  - Lead
- Codes & Regulations
- Consultants' Certifications

## SECTION I EXECUTIVE SUMMARY

American Compliance Services was contacted by the Greater Vallejo Recreation District, to conduct a limited asbestos and lead-based paint survey at 401 Amador Street, in Vallejo, California. The building consisted of exterior wood siding and exterior stucco, interior textured drywall with base cove, sheet flooring in the kitchen and janitorial closet, new flooring in the restroom and united way area, and hardwood flooring under the carpet throughout.

Wendy Plank Davis, a Certified Asbestos Consultant and DHS Lead certified Inspector/Assessor, David Kummer, a Certified Site Surveillance Technician (CSST) and Sofia Corona, an EPA Accredited Asbestos Inspector, conducted the survey on January 24, 2009.

ACS returned on September 21, 2021 to complete the survey for materials not included in the previous survey. Sofia Corona Kummer and David Kummer, Certified Site Surveillance Technicians (CSST) and CDPH Lead Sampling Technicians, conducted the survey.

## SECTION II SCOPE OF WORK

The purpose of the survey was to identify the materials that contain asbestos and lead-based paint prior to disturbance of these materials during renovation. The lead survey included damaged paint and glazed ceramic tile that could become a lead hazard when separated from the substrate.

## SECTION III DEFINITIONS

### ASBESTOS

A material is considered by the EPA and the State of California to be an Asbestos Containing Material (ACM) if at least one sample collected from the homogeneous area shows asbestos present in an amount greater than one percent (>1%). California Code of Regulations (CCR) 1529 defines Asbestos Containing Construction Material (ACCM) as materials containing greater than one-tenth of one-percent (0.1) asbestos by weight. Under 1529 CCR, materials containing between 0.1 % and 1 % asbestos are still regulated as "other" operations by this standard. The ACCM designation is applicable only to reporting (user registration, temporary worksite notification, and incident reporting).

The removal or disturbance of 100 square feet or more of ACM or ACCM must be performed by a contractor certified by the California Contractor's State License Board to conduct asbestos-related work and/or an employer/contractor registered with the California Division of Occupational Safety and Health (DOSH) to perform asbestos-related work.

### OSHA Definitions

1. **Surfacing Materials** (spray or trowel applied to building members)
2. **Thermal System Insulation** (materials generally applied to various mechanical systems)
3. **Miscellaneous Materials** (any materials which do not fit either of the above categories)

"**Class I** asbestos work" means activities involving the removal of TSI and surfacing ACM and PACM.

"**Class II** asbestos work" means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics.

"**Class III** asbestos work" means repair and maintenance operations, where "ACM", including TSI and surfacing ACM and PACM, is likely to be **disturbed**.

"**Disturbance**" means activities that disrupt the matrix of ACM or PACM, crumble or pulverize ACM or PACM, or generate visible debris from ACM or PACM. Disturbance includes cutting away small amounts of ACM and PACM, no greater than the amount which can be contained in one standard sized glove bag or waste bag in order to access a building component. In no event shall the amount of ACM or PACM so disturbed exceed that which can be contained in one glove bag or waste bag which shall not exceed 60 inches in length and width.

"**Class IV asbestos work**" means maintenance and custodial activities during which employees contact but do not disturb ACM or PACM and activities to clean up dust, waste and debris resulting from Class I, II, and III activities.

## NESHAP CATEGORIES

**RACM (Friable Materials)** - NESHAP defines a friable ACM as any material containing more than one percent asbestos, that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

**Category I Non-friable (CAT I NF)** NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except sheet flooring products which are considered friable), and asphalt roofing products which contain more than one percent asbestos.

**Category II Non-friable (CAT II NF)** NESHAP defines a Category II non-friable ACM as any material, except for a Category I non-friable ACM, which contains more than one- percent asbestos and cannot be reduced to a powder by hand pressure when dry.

## LEAD

### EPA / CDPH Lead Definitions

The CDPH, Title 17, California Code of Regulations, Division 1, Chapter 8, Accreditation, Certification, and Work Practices for Lead-Based Paint and Lead Hazards, defines lead-based paint as any coating containing lead at or above 1.0 Milligram/Centimeter Squared (mg/cm<sup>2</sup>) and/or 5,000 parts per million (ppm) of lead or 0.5 % lead by weight or greater. A 24-hour notification is required to OSHA before disturbing lead-based paint.

Disturbing lead-based paint without containment is considered a lead hazard by the EPA and CDPH, and impact to these painted surfaces must be done in accordance with the established regulations and procedures.

Lead contaminated dust means dust levels on interior floors in excess of 40 micrograms per square foot (40 µg/sq. Ft.), 250 µg/sq. Ft. for interior horizontal surfaces, and 400 µg/sq. Ft. for exterior horizontal surfaces.

Lead-contaminated soil means bare soil that contains an amount of lead equal to, or in excess of, 400 parts per million (ppm) in children's play areas and 1,000 ppm in all other areas.

NESHAP 40 CFR, Part 61 M, and the EPA rule “Lead: Renovation, Repair and Painting Activities that Disturb Lead-Based Paint”, EPA 40 CFR 745.227 for conducting lead-based paint activities and 40 CFR 745.85 for conducting renovations.

### SECTION IV ASBESTOS INSPECTION RESULTS & FINDINGS

A total of forty-eight (48) asbestos samples were collected for laboratory analysis, one sample had three additional layers. EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material. The laboratory results are summarized below:

**Table 1 Asbestos**

| MTL #   | MATERIAL DESCRIPTION           | SAMPLE LOCATION/ HOMOGENEOUS AREA  | NESHAP / OSHA CATEGORIES | % ASBESTOS  | ESTIMATED QUANTITY |
|---|--------------------------------|--|--------------------------|---|--------------------|
| 01-1<br>01-2<br>01-3<br>01-4<br>01-42<br>01-43<br>01-44 | Texture Drywall System         | Throughout   | NA                       | Drywall: ND<br>Joint Compound: ND<br>Texture: ND<br>Tape/ Paint: ND | NA                 |
| 02-5<br>02-6<br>02-7                                    | 4" Brown Base Cove/ Mastic     | Corridors, YMCA Staff, YMCA Reception, YMCA Storage, YMCA Office 1 and 2, Meeting, Kitchen, Janitorial Closet, Corridor 2, Community Office, Office 1, | NA                       | Base Cove: ND<br>Mastic: ND<br>Compound: ND                         | NA                 |
| 03-8<br>03-9<br>03-10                                   | 4" Grey Base Cove/ Mastic      | Reception, Lobby, United Way Board Room, Staff, Director, Assistant director,  | NA                       | Base Cove :ND<br>Mastic: ND   | NA                 |
| 04-11<br>04-12<br>04-13                                 | 2x4 Swirl Ceiling Tile         | Throughout   | NA                       | Ceiling Tile: ND<br>Coating (White):ND                              | NA                 |
| 05-14   | Brick / Mortar                 | United Way Staff room, closet and Area 1   | NA                       | Brick: ND<br>Mortar: ND<br>Paint: ND                                | NA                 |
| 06-15<br>06-17<br>06-18                                 | Unfinished Drywall             | Boiler Room and Closet in area 1   | NA                       | Drywall: ND<br>Joint Compound: ND                                   | NA                 |
| 07-18   | Compound Tape with Silver Tape | Heater Unit  | NA                       | Compound/ Tape: ND<br>Silver Tape: ND                               | NA                 |
| 08-19<br>08-20<br>08-21                                 | Coating on Pillars             | United Way Staff Room and Area 1   | NA                       | Coating (Compound)/ Tape: ND  | NA                 |
| 10-23<br>10-24  | Gray Sheet Flooring            | Kitchen and Janitorial Closet  | NA                       | Sheet Flooring: ND<br>Mastic (Yellow): ND                           | NA                 |

NA: Asbestos classification and estimated quantities are not provided for non-asbestos containing material; ND: Non-Detect; LF: Linear feet; SF: Square Feet; CH: Chrysotile asbestos type; \* <1% is verified using point count, it is non-classified for NESHAP regarding EPA waste disposal, notification and fees; PC: Point Count.

**Table 1 Asbestos (Continued)**

| MTL #   | MATERIAL DESCRIPTION  | SAMPLE LOCATION/<br>HOMOGENEOUS AREA | NESHAP / OSHA CATEGORIES | % ASBESTOS   | Estimated Quantity |
|---|---|--------------------------------------|--------------------------|--|--------------------|
| 11-25   | Brown Wall Paper  | Multi-use Room                       | NA                       | Wall Paper: ND<br>Mastic: ND   | NA                 |
| 12-26   | Metal Seam Mastic   | Boiler Room                          | NA                       | ND   | NA                 |
| 13-27   | Silver Tape/<br>No Compound                                     | Boiler Room                          | NA                       | ND   | NA                 |
| 14-28<br>14-29<br>14-30<br>14-31<br>14-32<br>14-28<br>14-29 | Exterior Stucco   | Exterior of Building                 | Unclassified / Other     | Stucco (Gray): ND<br>Stucco (Tan): ND<br>Paint: ND<br>Stucco:<1% CH<br>*Stucco (Pink):<1% CH<br>Tar Coating: ND<br>Caulking: ND<br>Concrete: ND<br>400 PC: <0.198 % CH | 1,600 SF           |
| 15-33   | Roof Field  | Lower-Level Roof                     | NA                       | Tar with Gravel: ND<br>Fiberglass Felt: ND   | NA                 |
| 16-34   | Roof Field  | Upper-Level Roof                     | NA                       | Tar with Gravel: ND<br>Fiberglass Felt: ND<br>Cellulose Felt: ND   | NA                 |
| 17-35   | Penetration Mastic  | Lower-Level Roof                     | NA                       | ND   | NA                 |
| 18-36   | Seam Mastic on HVAC   | Lower-Level Roof HVAC                | NA                       | Seam Tape / Paint: ND<br>Mastic: ND  | NA                 |
| 19-37   | Foil Tape Around Sink   | Women's Bathroom                     | NA                       | ND   | NA                 |
| 20-38   | Drywall Ceiling – No Tape / Compound                            | Multi Use Room                       | NA                       | ND   | NA                 |
| 21-39   | Square Pattern Sheet Flooring                                   | Bathroom and Kitchen                 | NA                       | Sheet Flooring/Backing: ND<br>Mastic: ND   | NA                 |
| 22-40<br>Multi-Layered                                      | Black Sheet Flooring w/ 2 More Layers & Underlayment Underneath | Women's and Men's Bathroom           | NA                       | Sheet Flooring: ND<br>Backing: ND<br>Mastic: ND<br>Glue: ND<br>Underlayment: ND  | NA                 |
| 23-41   | Brown Carpet / Mastic   | Area 1                               | NA                       | Carpet: ND<br>Mastic: ND   | NA                 |

NA: Asbestos classification and estimated quantities are not provided for non-asbestos containing material; ND: Non-Detect; LF: Linear feet; SF: Square Feet; CH: Chrysotile asbestos type; \* <1% is verified using point count, it is non-classified for NESHAP regarding EPA waste disposal, notification and fees; PC: Point Count.

The Contractor must obtain all building and special permits required for the asbestos abatement work. When removing 100 square feet of asbestos containing material, or greater, the work must be performed by an entity that holds a current, valid asbestos handling license issued by the California State Contractor's Licensing Board (SCLB) and a current valid Certificate of Registration for Asbestos-Related Work issued by the California Department of Industrial Relations-Division of Occupational Safety and Health (DOSH), unless otherwise specified.

## SECTION V LEAD INSPECTION RESULTS & FINDINGS

ACS collected thirteen samples for lead analysis from damaged paint or material that could become a lead hazard during demolition. The paint sampled is determined not to be lead-based.

**Table 2 – Lead**

| Sample # | Description  | Results PPM |
|----------|--|-------------|
| P1       | United Way Staff Room - White Paint On Texture Drywall | <71 ppm     |
| P2       | United Way - White Paint On Brick                      | 565 ppm     |
| P3       | United Way - White Paint On Door Trim                  | <85 ppm     |
| P4       | Main Hall - White Paint On Texture Drywall             | <106 ppm    |
| P5       | Women's Restroom - White Paint On Drywall              | <71 ppm     |
| P6       | Kitchen - White Paint On Texture Drywall               | <60 ppm     |
| P7       | Staff Room - White Paint On Wood Window Sill           | <73 ppm     |
| P8       | Office - White Paint On Texture Drywall                | <62 ppm     |
| P9       | Exterior - Tan Paint On Stucco                         | <60 ppm     |
| P10      | Dark Brown Paint On Wood Trim                          | <73 ppm     |
| P11      | Tan Paint On Metal Down Spout                          | <70 ppm     |
| P12      | Closet - Flakey White Paint On Drywall                 | 180 ppm     |
| P13      | Tan Paint On Wood Exterior                             | <71 ppm     |

ppm: parts per million; <: lead not detected at or above the limit of detection  
EPA: Environmental Protection Agency; CDPH: CA Department of Public Health.

The Cal/OSHA Lead in Construction Standard 1532.1 regulations take effect when employees disturb lead coatings or materials that contain any detectable levels of lead. California OSHA regulations assume exposures above the Permissible Exposure Level (PEL) where lead coatings or paint at any level is present when "trigger" tasks are performed.

## SECTION VI METHODS

### ASBESTOS INSPECTION

Asbestos Inspection and sampling procedures were performed in general accordance with the guidelines published by the Environmental Protection Agency (EPA) in 40 CFR Part 763 Subpart E, October 30, 1987. The survey consisted of three major activities: visual inspection and physical assessment, sampling, and quantification of building materials.

### ASBESTOS BULK SAMPLE ANALYSIS

Micro Analytical Laboratory in Emeryville, California performed the Asbestos analysis. A chain-of-custody form submitted with the bulk samples, documented the possession of the samples from the time they were collected until they were analyzed. The original chain-of-custody accompanied the samples at all times. Custody documentation began at the time the sample was collected and a copy of the chain-of-custody record was retained by each transferor. The laboratory performed the asbestos analysis using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. They mounted samples on slides and then analyzed the samples for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were

used to identify the non-asbestos constituents. The microscopist visually estimated relative amounts of each constituent using a stereoscope to determine the volume of each constituent in proportion to the total volume of the sample.

All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the method of the determination of asbestos in bulk insulation, EPA/600/R-93/116, July 1993. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displayed enables mineral identification. It should be noted that some ACM may not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials.

## **QUANTIFICATION**

Quantities of accessible and/or exposed building materials that were confirmed to contain asbestos were estimated using field measurements and available drawings. The contractor should verify the quantities in the scope of work before submitting their bid.

## **LEAD INSPECTION**

Sampling for lead-based paint was performed using bulk paint chip sampling. Lead analysis was performed by Micro Analytics, a NLLAP-accredited laboratory using the approved method for determination of lead in paint-chip samples. The lead analysis was performed using a Flame Atomic Absorption Spectrophotometer (FLAA) (Method 7420). The FLAA was calibrated using a known lead standard. After the FLAA calibration procedure was completed, the lead-chip samples were analyzed by the FLAA.

The Lead inspection was performed in general accordance the EPA and California Department of Public Health (CDPH), Title 17 of the California Code of Regulations, Division 1, Chapter 8, Accreditation, Certification, and Work practices for Lead-Based Paint and Lead Hazards.

## **SECTION VII NOTICE, PERMITS, AND LICENSES**

Hazardous materials removed during the abatement activities shall be disposed of in an approved manner complying with all applicable federal, state, and local regulations. The following notices, permits, and licenses are necessary for asbestos abatement work as of the date of this report. The Contractor is cautioned to verify these requirements as applicable to the final project scope and confirm that no new requirements exist.

## **LOCAL AIR QUALITY BOARD NOTIFICATION**

Written notification is required to the Local Area Air Quality Management District at least 10 days prior to beginning any work on specified quantities of friable, Regulated Asbestos-Containing Materials (RACM) and / prior to working on ACM using mechanical means or methods that will render the material friable.



## **CAL-OSHA NOTIFICATION**

Written notification to the California Occupational Safety and Health Administration (Cal-OSHA) is required by Cal-OSHA Asbestos Regulations (Title 8, Section 341.9) at least 24 hours prior to beginning any work on asbestos-containing materials.

Prior to the abatement, all employees, contractors, or other parties who may be affected by the abatement must be advised of activities pursuant to Cal-OSHA Asbestos and Lead Regulations (Title 8, Section 1529, Subpart K; Section 1532.1).

A lead notification to OSHA is required 24 hours prior to removing lead-based paint when disturbing 100 square or linear feet or greater.

As necessary, the Contractor shall perform appropriate Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) testing for lead-contaminated waste as required by the applicable regulations, and by the requirements of the selected landfill(s).

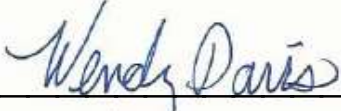
## **SECTION VIII LIMITATION AND EXCLUSIONS**

American Compliance Services, LTD (ACS), warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos / lead assessments pursuant to OSHA, as well as state and local agencies, as applicable. Our responsibility is limited to correcting any error or omission. No other liability is included or implied. We did not inspect or sample inaccessible areas such as behind walls or within ductwork and did not dismantle any part of the structure to survey inaccessible areas. Inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure.

Information and opinions presented herein apply to the existing and reasonably foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and has not had the opportunity to review. Changes in applicable standards may occur because of new legislation or from the broadening of knowledge. Accordingly, findings of this report may be invalidated wholly, or in part, by changes beyond our control. ACS trusts that the information presented herein provides the data you require. Should you have any questions or comments, please contact ACS. This report, and all available supporting documents and drawings used to prepare the report, have been reviewed by the undersigned, the personnel responsible for this project. The signatory affirms that the Asbestos Investigation documented herein was conducted in substantial conformance with applicable procedures documented in 40 CFR Part 763 – Asbestos, Subpart E – Asbestos Containing Materials in Schools [AHERA, June 24, 1992], and the EPA Guidance Manual “Asbestos Containing Materials in Buildings” (EPA 560/5-85-030a, October, 1985). The investigation by American Compliance Services, LTD, consisted solely of the activities described in this report and is subject to the Exceptions of Assessment, Limitations, and Service Constraints described herein.

## SECTION IX TECHNICAL STAFF SIGNATURES CERTIFICATE OF REPORT

The following personnel were responsible for this survey. We (I) certify that information contained herein was collected on the dates recorded and the site described in this report.



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**Wendy Plank-Davis, CAC # 01-2904**  
**Certified Asbestos Consultant,**  
**Expires 4/4/2022**  
**CDPH Lead I/A, PD, PM, S Certification # 777**  
**Expires 5/18/2022**



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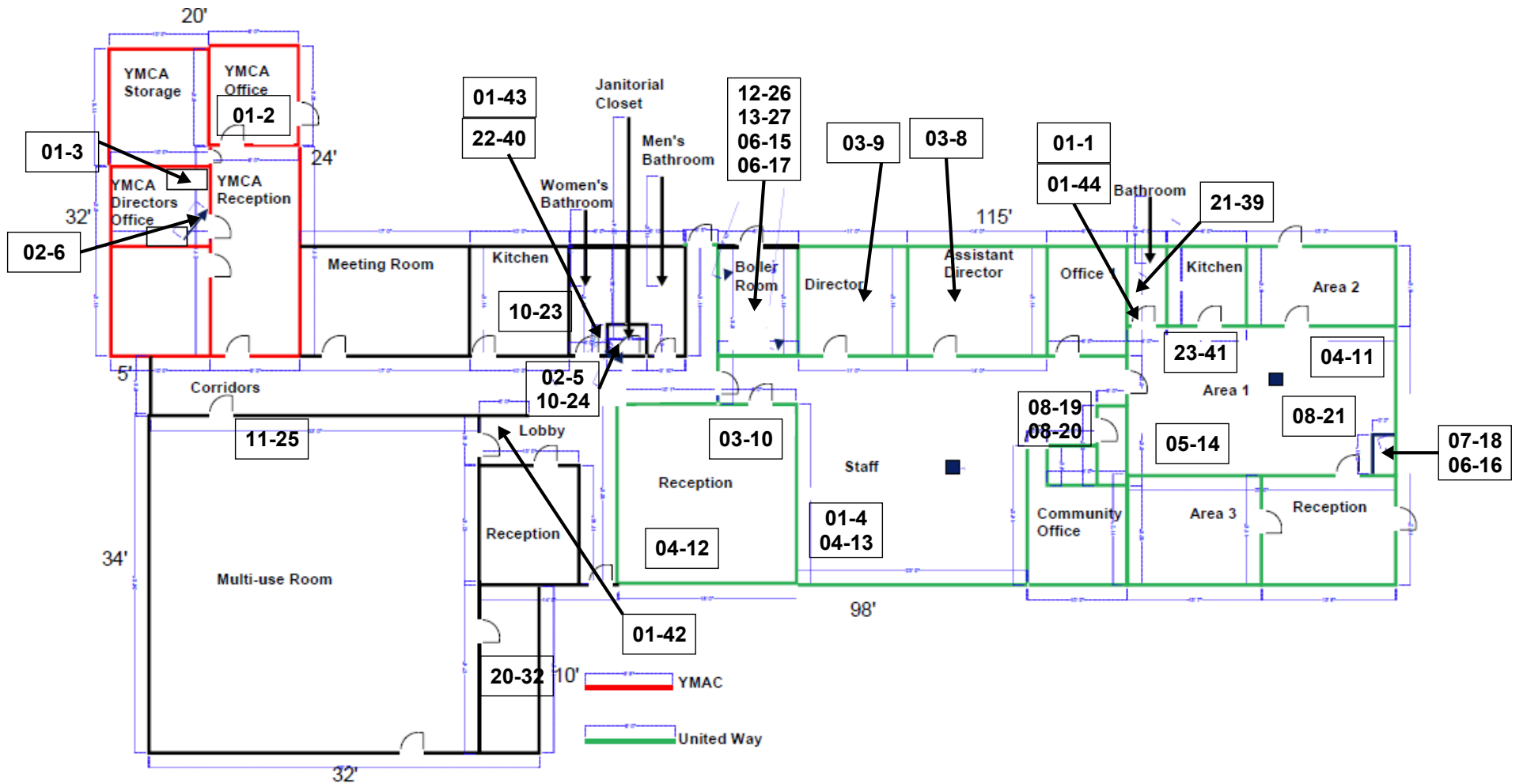
**David Kummer, CSST # 08-4363**  
**Certified Site Surveillance Technician**  
**Expires 6/19/2022**  
**CDPH Lead Sampling Technician # 20699**  
**LRC 000073343**  
**Expires 10/27/2021**



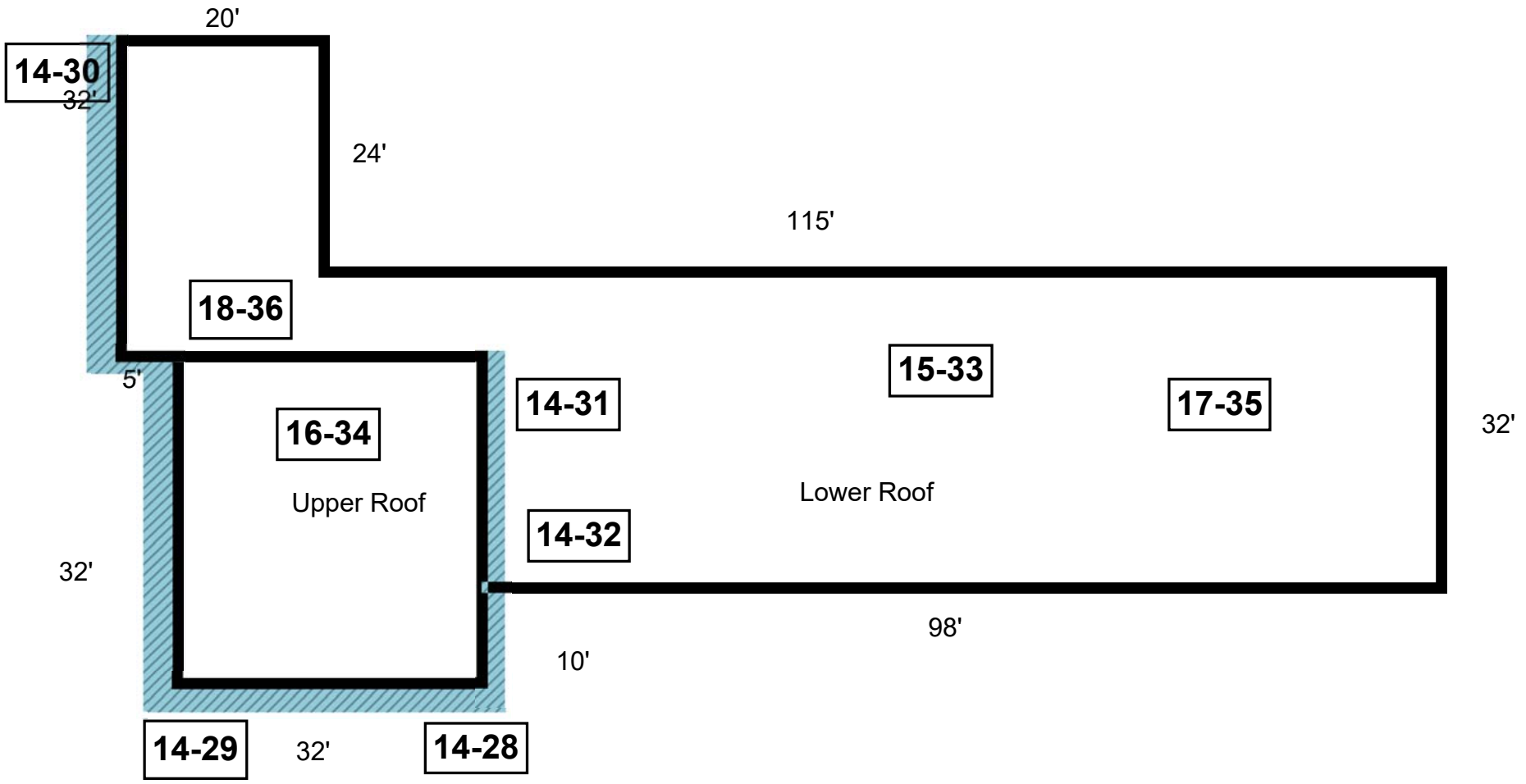
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**Sofia Corona Kummer, CSST # 16-5684**  
**Certified Site Surveillance Technician**  
**Expiration Date: 8/17/2022**  
**CDPH Lead Certification# 13599**  
**Expiration Date: 1/20/2022**

# **SAMPLE LOCATION MAP**



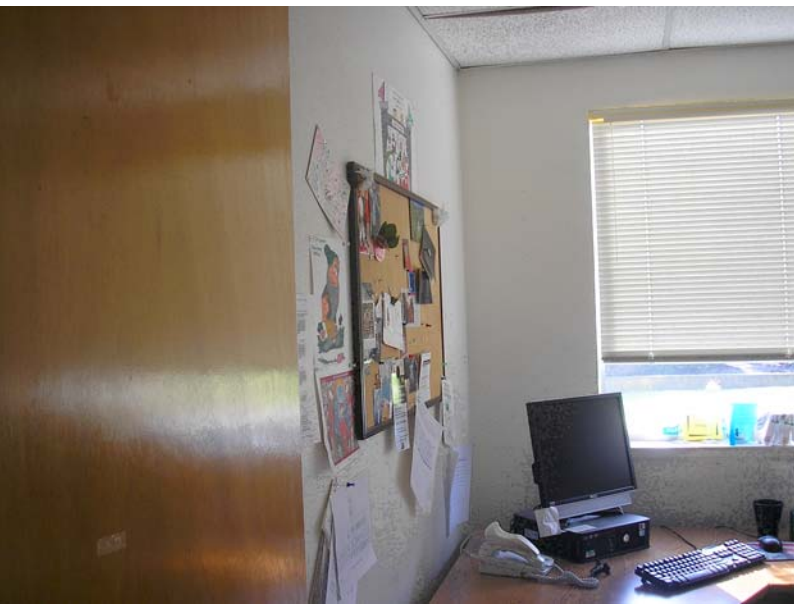
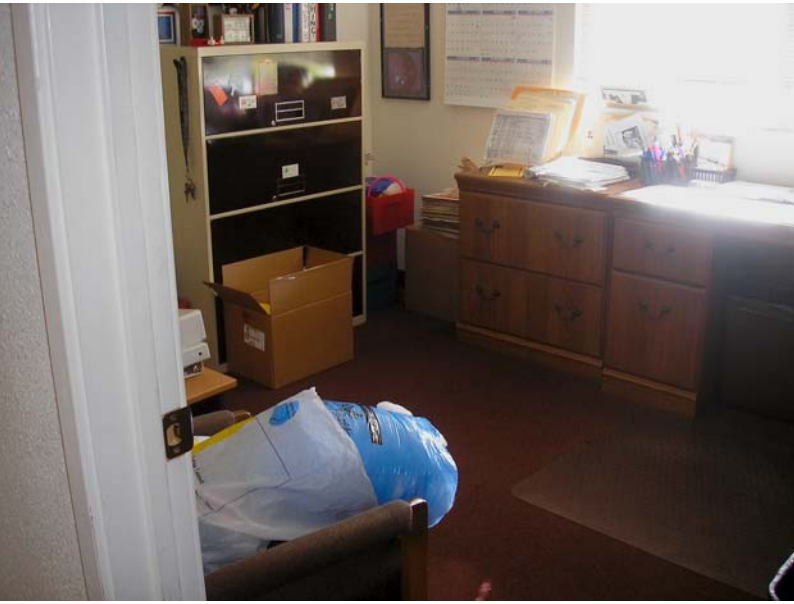
401 Amador Street  
 Vallejo, California  
 Interior

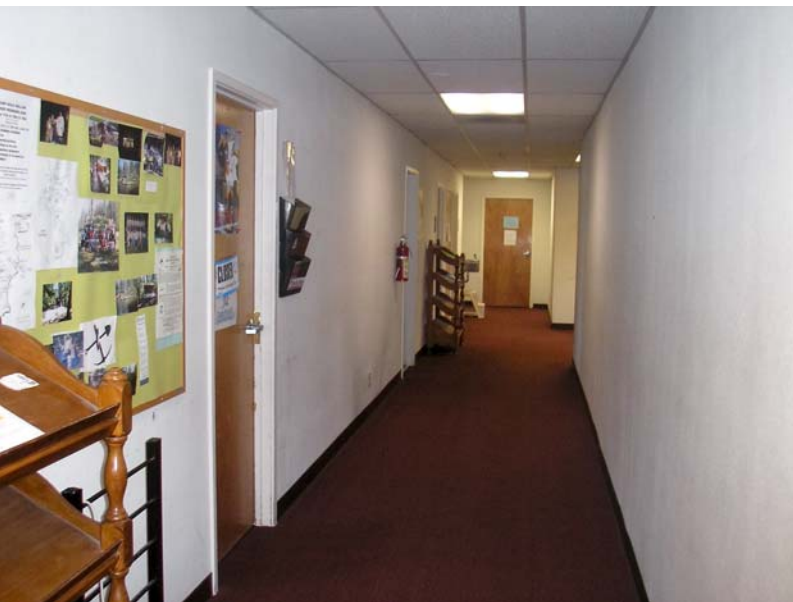


 Stucco Exterior: <1% CH ( <0.193% CH- <0.198% CH by Point Count)

**Exterior Sample Location Map**  
**401 Amador Street**  
**Vallejo, Ca**

# PHOTOGRAPHS



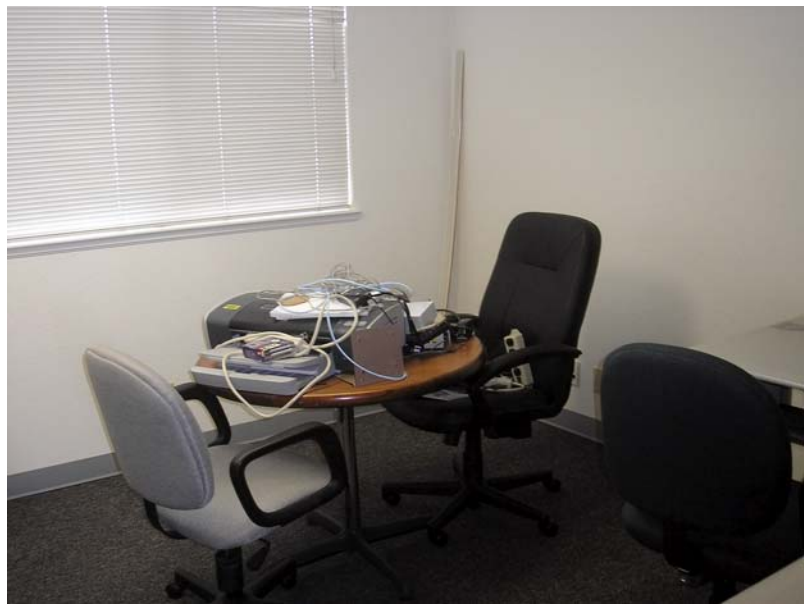




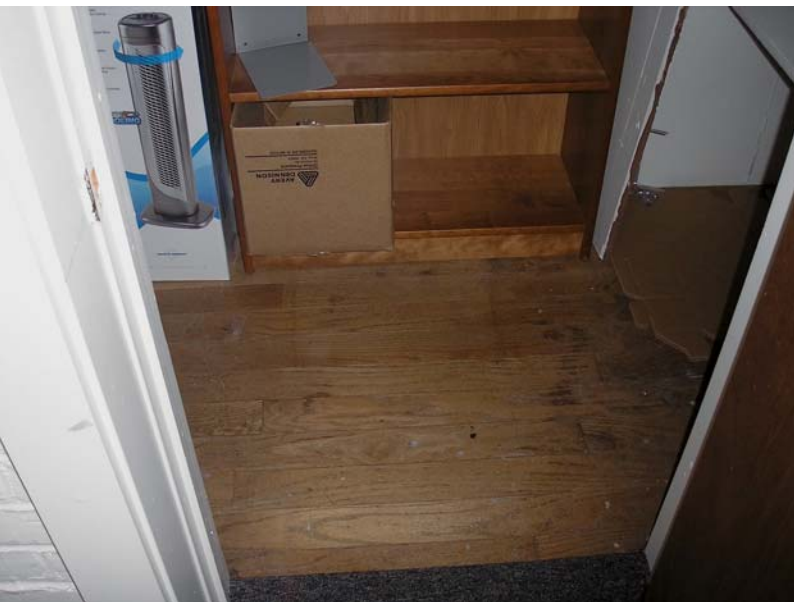




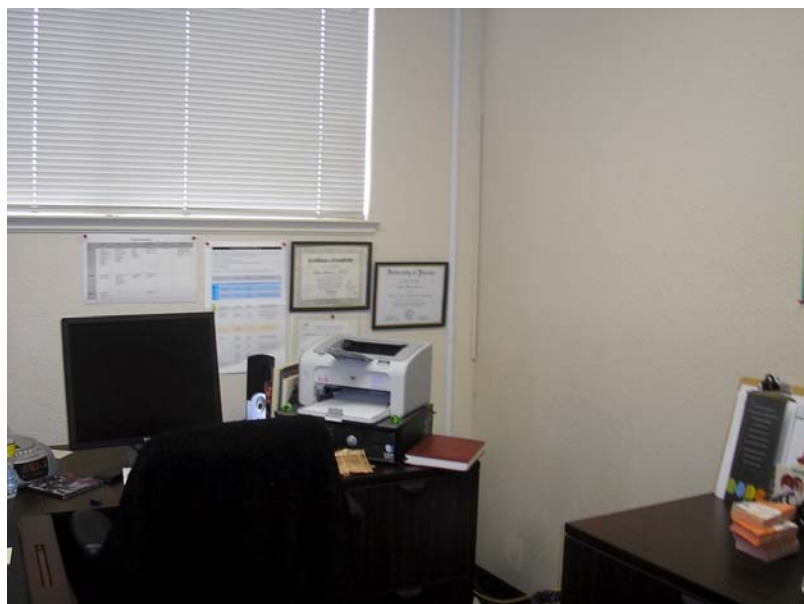






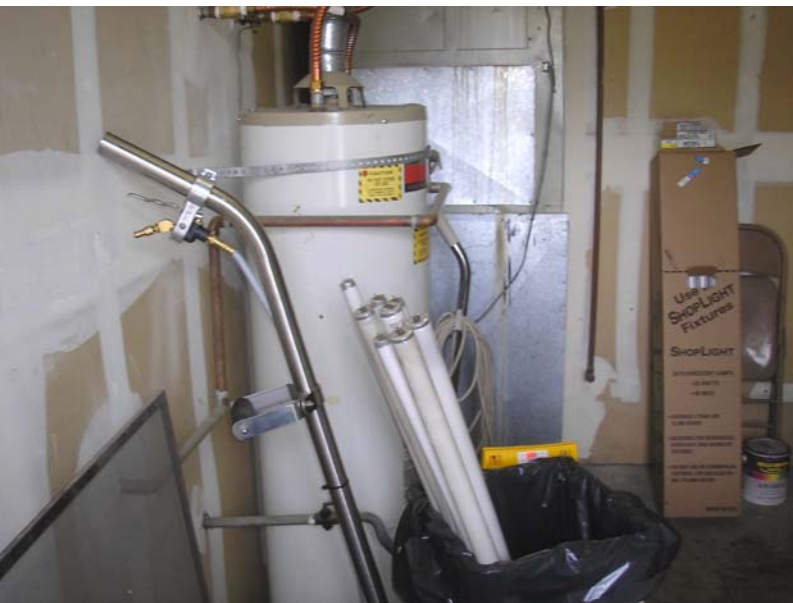




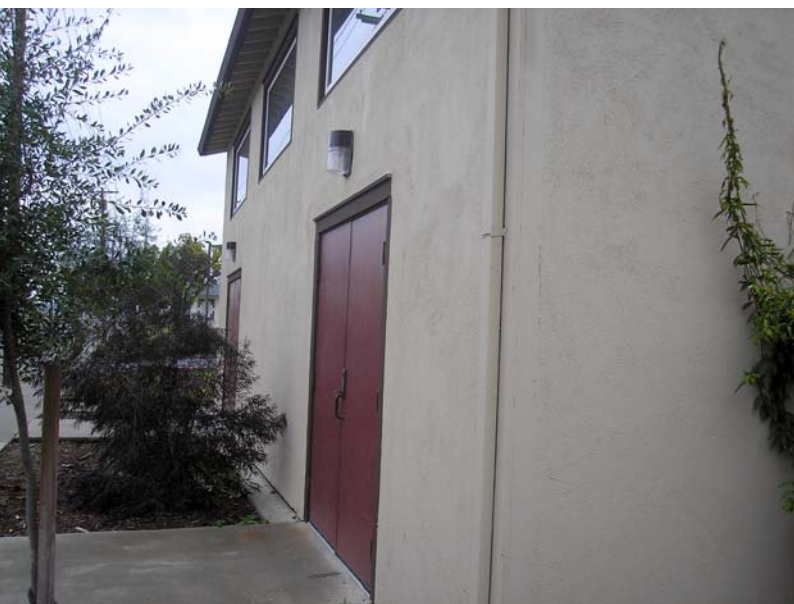


















# **MATERIAL LOCATION**



## Material Locations

Project Name: 401 Amador Street, in Vallejo, California Date: 1/24/09

Building Name: United Way / YMCA Project Number: 80270

| RM #                  | Ceiling | Wall | Floor | Base Cove | TSI | Exterior | Roof | Misc. | RM Size<br>L x W x H | Comments |
|-----------------------|---------|------|-------|-----------|-----|----------|------|-------|----------------------|----------|
| Corridors             | 06      | 06   | Wood  | 02        |     |          |      |       |                      |          |
| Multi-Use             | 04      | 11/1 | Wood  | 03        |     |          |      |       |                      |          |
| Meeting Room          | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Kitchen               | 04      | 01   | 10    | 10        |     |          |      |       |                      |          |
| Women's Bathroom      | 04      | 01   | New   | 03        |     |          |      |       |                      |          |
| Men's Bathroom        | 04      | 01   | New   | 03        |     |          |      |       |                      |          |
| Janitorial Closet     | Wood    | 01   | 10    | 02        |     |          |      |       |                      |          |
| YMCA Staff            | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Storage               | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Office 1              | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Office 2              | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Boiler Room           | 06      | 06   |       |           |     |          |      |       |                      |          |
| Reception             | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| United Way Board Room | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Staff                 | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Corridor 2            | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Director              | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Assistant Director    | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Community Office      | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Office 1              | 04      | 01   | Wood  | 03        |     |          |      |       |                      |          |
| Bathroom              | 04      | 01   | New   | 02        |     |          |      |       |                      |          |
| Kitchen               | 04      | 01   | New   | 02        |     |          |      |       |                      |          |
| Area 1                | 04      | 01   | New   | 02        |     |          |      |       |                      |          |
| Area 2                | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Area 3                | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |
| Reception             | 04      | 01   | Wood  | 02        |     |          |      |       |                      |          |

# HOMOGENOUS AREAS

### Homogenous Areas

Project Name: 401 Amador Street Date: 1/24/09

Building Name: United Way / YMCA Project Number: 80270

| HM # | Material Description                 |
|------|--------------------------------------|
| 01   | Texture Drywall System               |
| 02   | 4" Brown Base Cove/ Mastic           |
| 03   | 4" Grey Base Cove/ Mastic            |
| 04   | 2x4 Swirl Ceiling Tile               |
| 05   | Brick / Mortar                       |
| 06   | Unfinished Drywall                   |
| 07   | Compound Tape with Silver Tape       |
| 08   | Coating on Pillars                   |
| 10   | Gray Sheet Flooring                  |
| 11   | Brown Wall Paper                     |
| 12   | Metal Seam Mastic                    |
| 13   | Silver Tape/ No Compound             |
| 14   | Exterior Stucco                      |
| 15   | Roof Field                           |
| 16   | Roof Field                           |
| 17   | Penetration Mastic                   |
| 18   | Seam Mastic on HVAC                  |
| 19   | Foil Tape Around Sink                |
| 20   | Drywall Ceiling – No Tape / Compound |
| 21   | Mastic Behind Wood Paneling          |

# **LABORATORY RESULTS AND CHAIN OF CUSTODY DOCUMENTATION**

# ASBESTOS

# MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION   | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES   | DOMINANT<br>OTHER MATERIALS  |
|---|---|--|
| Client: <b>01-1</b><br>Micro: 120692-01 Analyst: LZ<br><b>TEXTURE DRYWALL SYSTEM</b>    | <b>DRYWALL: NONE DETECTED<br/>JOINT COMPOUND: NONE DETECTED<br/>PAINT: NONE DETECTED<br/>(JOINT COMPOUND AND TEXTURE ARE INDISTINGUISHABLE)</b> | 20 % CELLULOSE<br><br>Matrix MIXED CARBONATE -<br>Tvpe: GYPSUM           |
| Client: <b>01-2</b><br>Micro: 120692-02 Analyst: LZ<br><b>TEXTURE DRYWALL SYSTEM</b>    | <b>DRYWALL: NONE DETECTED<br/>JOINT COMPOUND: NONE DETECTED<br/>PAINT: NONE DETECTED<br/>(JOINT COMPOUND AND TEXTURE ARE INDISTINGUISHABLE)</b> | 20 % CELLULOSE<br><br>Matrix MIXED CARBONATE -<br>Tvpe: GYPSUM           |
| Client: <b>01-3</b><br>Micro: 120692-03 Analyst: LZ DA<br><b>TEXTURE DRYWALL SYSTEM</b> | <b>DRYWALL: NONE DETECTED<br/>JOINT COMPOUND: NONE DETECTED<br/>PAINT: NONE DETECTED<br/>(JOINT COMPOUND AND TEXTURE ARE INDISTINGUISHABLE)</b> | 20 % CELLULOSE<br><br>Matrix MIXED CARBONATE -<br>Tvpe: GYPSUM<br>QC: A2 |
| Client: <b>01-4</b><br>Micro: 120692-04 Analyst: LZ<br><b>TEXTURE DRYWALL SYSTEM</b>    | <b>DRYWALL: NONE DETECTED<br/>JOINT COMPOUND: NONE DETECTED<br/>PAINT: NONE DETECTED<br/>(JOINT COMPOUND AND TEXTURE ARE INDISTINGUISHABLE)</b> | 20 % CELLULOSE<br><br>Matrix MIXED CARBONATE -<br>Tvpe: GYPSUM           |
| Client: <b>02-5</b><br>Micro: 120692-05 Analyst: LZ<br><b>4" BROWN BASE COVE</b>        | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED<br/>COMPOUND / PAINT: NONE DETECTED</b>   | Matrix CARBONATE<br>Tvpe: SYNTHETIC MATERIAL                             |

Technical Supervisor:  1/27/2009  
Date Reported

P.O.A. Gamini Ranatunga, Ph.D.

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

**5900 HOLLIS STREET, SUITE M - EMERYVILLE, CA 94608 - (510) 653-0824**

# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

### ASBESTOS INFORMATION

| SAMPLE IDENTIFICATION  | QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES   | DOMINANT OTHER MATERIALS                      |
|--|---|---|
| Client: <b>02-6</b><br>Micro: 120692-06 Analyst: LZ<br><b>4" BROWN BASE COVE</b> | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED<br/>COMPOUND / PAINT: NONE DETECTED</b> | Matrix: CARBONATE<br>Type: SYNTHETIC MATERIAL |
| Client: <b>02-7</b><br>Micro: 120692-07 Analyst: LZ<br><b>4" BROWN BASE COVE</b> | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED<br/>COMPOUND / PAINT: NONE DETECTED</b> | Matrix: CARBONATE<br>Type: SYNTHETIC MATERIAL |
| Client: <b>03-8</b><br>Micro: 120692-08 Analyst: LZ<br><b>4" GRAY BASE COVE</b>  | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED</b>                                     | Matrix: CARBONATE<br>Type: SYNTHETIC MATERIAL |
| Client: <b>03-9</b><br>Micro: 120692-09 Analyst: LZ<br><b>4" GRAY BASE COVE</b>  | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED</b>                                     | Matrix: CARBONATE<br>Type: SYNTHETIC MATERIAL |
| Client: <b>03-10</b><br>Micro: 120692-10 Analyst: LZ<br><b>4" GRAY BASE COVE</b> | <b>BASE COVE: NONE DETECTED<br/>MASTIC: NONE DETECTED</b>                                     | Matrix: CARBONATE<br>Type: SYNTHETIC MATERIAL |

Technical Supervisor:  1/27/2009  
for Gamini Ranatunga, Ph.D. Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

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# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)


1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION   | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES              | DOMINANT<br>OTHER MATERIALS  |
|---|--|--|
| Client: <b>04-11</b><br>Micro: 120692-11 Analyst: LZ<br>2 X 4 SWIRL CEILING TILE    | <b>CEILING TILE: NONE DETECTED</b><br><b>COATING (WHITE): NONE DETECTED</b>                | 30 % CELLULOSE<br>10 % FIBROUS GLASS<br><br>Matrix Type: GLASS FRAGMENTS           |
| Client: <b>04-12</b><br>Micro: 120692-12 Analyst: LZ DA<br>2 X 4 SWIRL CEILING TILE | <b>CEILING TILE: NONE DETECTED</b><br><b>COATING (WHITE): NONE DETECTED</b>                | 30 % CELLULOSE<br>10 % FIBROUS GLASS<br><br>Matrix Type: GLASS FRAGMENTS<br>QC: A2 |
| Client: <b>04-13</b><br>Micro: 120692-13 Analyst: LZ<br>2 X 4 SWIRL CEILING TILE    | <b>CEILING TILE: NONE DETECTED</b><br><b>COATING (WHITE): NONE DETECTED</b>                | 30 % CELLULOSE<br>10 % FIBROUS GLASS<br><br>Matrix Type: GLASS FRAGMENTS           |
| Client: <b>05-14</b><br>Micro: 120692-14 Analyst: LZ<br>BRICK / MORTAR              | <b>BRICK: NONE DETECTED</b><br><b>MORTAR: NONE DETECTED</b><br><b>PAINT: NONE DETECTED</b> | Matrix Type: CARBONATE<br>SYNTHETIC MATERIAL                                       |
| Client: <b>06-15</b><br>Micro: 120692-15 Analyst: LZ<br>UNFINISHED DRYWALL          | <b>DRYWALL: NONE DETECTED</b><br><b>JOINT COMPOUND: NONE DETECTED</b>                      | 20 % CELLULOSE<br><br>Matrix Type: MIXED CARBONATE -<br>GYPSUM                     |

Technical Supervisor:



*Gamini Ranatunga*  
Gamini Ranatunga, Ph.D.

1/27/2009

Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

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# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

### ASBESTOS INFORMATION

SAMPLE IDENTIFICATION

QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES

DOMINANT  
OTHER MATERIALS

|  |  |   |
|--|--|---|
| Client: <b>06-16</b><br>Micro: 120692-16      Analyst: LZ<br><b>UNFINISHED DRYWALL</b>                         | <b>DRYWALL: NONE DETECTED</b><br><b>JOINT COMPOUND: NONE DETECTED</b>      | 20 % CELLULOSE<br><br>Matrix: MIXED CARBONATE -<br>Type: GYPSUM |
| Client: <b>06-17</b><br>Micro: 120692-17      Analyst: LZ<br><b>UNFINISHED DRYWALL</b>                         | <b>DRYWALL: NONE DETECTED</b><br><b>JOINT COMPOUND: NONE DETECTED</b>      | 20 % CELLULOSE<br><br>Matrix: MIXED CARBONATE -<br>Type: GYPSUM |
| Client: <b>07-18</b><br>Micro: 120692-18      Analyst: LZ<br><b>HEATER UNIT COMPOUND TAPE WITH SILVER TAPE</b> | <b>COMPOUND / TAPE: NONE DETECTED</b><br><b>SILVER TAPE: NONE DETECTED</b> | Matrix: SYNTHETIC MATERIAL<br>Type: CARBONATE                   |
| Client: <b>08-19</b><br>Micro: 120692-19      Analyst: LZ<br><b>COATING ON PILLERS</b>                         | <b>COATING (COMPOUND) / PAINT: NONE DETECTED</b>                           | Matrix:<br>Type: CARBONATE                                      |
| Client: <b>08-20</b><br>Micro: 120692-20      Analyst: LZ<br><b>COATING ON PILLERS</b>                         | <b>COATING (COMPOUND) / PAINT: NONE DETECTED</b>                           | Matrix:<br>Type: CARBONATE                                      |

Technical Supervisor: 

1/27/2009

FA: Gamini Ranatunga, Ph.D.

Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

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# MICRO ANALYTICAL LABORATORIES, INC.

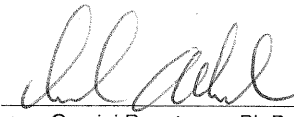
## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION   | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES | DOMINANT<br>OTHER MATERIALS  |
|---|---|--|
| Client: <b>08-21</b><br>Micro: 120692-21 Analyst: LZ DA<br>COATING ON PILLERS | COATING (COMPOUND) / PAINT: NONE DETECTED                                     | Matrix Type: CARBONATE<br>QC: A2   |
| Client: <b>10-23</b><br>Micro: 120692-22 Analyst: LZ<br>GRAY SHEET FLOORING   | SHEET FLOORING: NONE DETECTED<br>MASTIC (YELLOW): NONE DETECTED               | 30 % CELLULOSE<br>5 % FIBROUS GLASS<br>5 % SYNTHETIC FIBERS<br>Matrix Type: SYNTHETIC MATERIAL |
| Client: <b>10-24</b><br>Micro: 120692-23 Analyst: LZ<br>GRAY SHEET FLOORING   | SHEET FLOORING: NONE DETECTED<br>MASTIC (YELLOW): NONE DETECTED               | 30 % CELLULOSE<br>5 % FIBROUS GLASS<br>5 % SYNTHETIC FIBERS<br>Matrix Type: SYNTHETIC MATERIAL |
| Client: <b>11-25</b><br>Micro: 120692-24 Analyst: LZ<br>BROWN WALL PAPER      | WALLPAPER: NONE DETECTED<br>MASTIC: NONE DETECTED                             | 50 % CELLULOSE<br>Matrix Type: SYNTHETIC MATERIAL  |
| Client: <b>12-26</b><br>Micro: 120692-25 Analyst: LZ DA<br>METAL SEAM MASTIC  | NONE DETECTED   | Matrix Type: SYNTHETIC MATERIAL<br>QC: A2  |

Technical Supervisor: 

1/27/2009

for: Gamini Ranatunga, Ph.D.

Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

**5900 HOLLIS STREET, SUITE M - EMERYVILLE, CA 94608 - (510) 653-0824**

# MICRO ANALYTICAL LABORATORIES, INC.

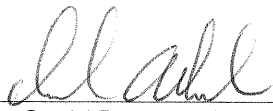
## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION  | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES   | DOMINANT<br>OTHER MATERIALS   |
|--|---|---|
| Client: <b>13-27</b><br>Micro: 120692-26 Analyst: LZ<br><b>SILVER TAPE / NO COMPOUND</b> | <b>NONE DETECTED</b>  | Matrix<br>Type: SYNTHETIC MATERIAL  |
| Client: <b>14-28</b><br>Micro: 120692-27 Analyst: LZ<br><b>EXTERIOR STUCCO</b>           | <b>STUCCO (GRAY): NONE DETECTED<br/>STUCCO (TAN): NONE DETECTED<br/>PAINT: NONE DETECTED</b>  | Matrix<br>Type: CARBONATE<br>Type: ROCK FRAGMENTS                             |
| Client: <b>14-29</b><br>Micro: 120692-28 Analyst: LZ DA<br><b>EXTERIOR STUCCO</b>        | <b>STUCCO: &lt; 1% CHRYSOTILE ASBESTOS<br/>PAINT: NONE DETECTED</b>   | Matrix<br>Type: CARBONATE<br>Type: ROCK FRAGMENTS<br>QC: A1                   |
| Client: <b>14-30</b><br>Micro: 120692-29 Analyst: LZ DA<br><b>EXTERIOR STUCCO</b>        | <b>STUCCO (GRAY): NONE DETECTED<br/>STUCCO (PINK): &lt; 1% CHRYSOTILE ASBESTOS<br/>PAINT: NONE DETECTED</b>                                     | Matrix<br>Type: ROCK FRAGMENTS<br>Type: CARBONATE<br>QC: R6                   |
| Client: <b>14-31</b><br>Micro: 120692-30 Analyst: LZ<br><b>EXTERIOR STUCCO</b>           | <b>STUCCO (GRAY): NONE DETECTED<br/>STUCCO (TAN): NONE DETECTED CHRYSOTILE ASBESTOS<br/>PAINT: NONE DETECTED<br/>TAR COATING: NONE DETECTED</b> | <b>3 % CELLULOSE</b><br><br>Matrix<br>Type: ROCK FRAGMENTS<br>Type: CARBONATE |

Technical Supervisor:  1/27/2009  
Date Reported

By: Gamini Ranatunga, Ph.D.

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

# MICRO ANALYTICAL LABORATORIES, INC.


## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION  | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES   | DOMINANT<br>OTHER MATERIALS   |
|--|---|---|
| Client: <b>14-32</b><br>Micro: 120692-31 Analyst: LZ<br>EXTERIOR STUCCO                  | <b>STUCCO (GRAY): NONE DETECTED</b><br><b>STUCCO (TAN): NONE DETECTED</b><br><b>CHRYSTOLE ASBESTOS</b><br><b>PAINT: NONE DETECTED</b><br><b>CAULKING: NONE DETECTED</b> | Matrix: ROCK FRAGMENTS<br>Type: CARBONATE                                       |
| Client: <b>15-33</b><br>Micro: 120692-32 Analyst: LZ<br>LOWER LEVEL - ROOF FIELD         | <b>TAR WITH GRAVEL: NONE DETECTED</b><br><b>FIBERGLASS FELT: NONE DETECTED</b>  | 30 % FIBROUS GLASS<br><br>Matrix: TAR<br>Type: ROCK FRAGMENTS                   |
| Client: <b>16-34</b><br>Micro: 120692-33 Analyst: LZ<br>UPPER LEVEL - ROOF FIELD SHINGLE | <b>TAR WITH GRAVEL: NONE DETECTED</b><br><b>FIBERGLASS FELT: NONE DETECTED</b><br><b>CELLULOSE FELT: NONE DETECTED</b>  | 20 % CELLULOSE<br>10 % FIBROUS GLASS<br><br>Matrix: TAR<br>Type: ROCK FRAGMENTS |
| Client: <b>17-35</b><br>Micro: 120692-34 Analyst: LZ DA<br>LOWER LEVEL - PEN. MASTIC     | <b>NONE DETECTED</b>  | 40 % CELLULOSE<br><br>Matrix: TAR<br>Type: A2<br>QC: A2                         |
| Client: <b>18-36</b><br>Micro: 120692-35 Analyst: LZ<br>SEAM MASTIC ON HVAC              | <b>SEAM TAPE / PAINT: NONE DETECTED</b><br><b>MASTIC: NONE DETECTED</b>   | Matrix: SYNTHETIC MATERIAL<br>Type:   |

Technical Supervisor:  1/27/2009  
 Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
**401 AMADOR STREET  
VALLEJO, CA**

Micro Log In **120692**  
Total Samples 37  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| SAMPLE IDENTIFICATION  | ASBESTOS INFORMATION<br>QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES | DOMINANT<br>OTHER MATERIALS                  |
|--|---|--|
| Client: <b>19-37</b><br>Micro: 120692-36 Analyst: LZ<br>FOIL TAPE AROUND SINK                | NONE DETECTED   | Matrix<br>Type: SYNTHETIC MATERIAL           |
| Client: <b>20-38</b><br>Micro: 120692-37 Analyst: LZ<br>DRYWALL CEILING - NO TAPE / COMPOUND | NONE DETECTED   | 20 % CELLULOSE<br><br>Matrix<br>Type: GYPSUM |

Technical Supervisor:



*Gamini Ranatunga*  
Gamini Ranatunga, Ph.D.

1/27/2009

Date Reported

Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM is recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC) Codes: A1/A2 = results within acceptance limits; F = false positive or negative corrected, reanalysis within acceptance limits; M = Method error resolved (for trace amounts); R = Other, resolved after review. Accreditation: NIST / NVLAP (Lab Code 101872-0). CA ELAP Certification #1037. EPA 1993 method is based on EPA Interim Method (1982), with improved analytical techniques. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

5900 HOLLIS STREET, SUITE M - EMERYVILLE, CA 94608 - (510) 653-0824

Client ID #  
1048

Chain of Custody 4/20/2004

# MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608  
(510) 653-0824 - (510) 653-1361 - FAX

Log in #

120692

Name / Client / Address:

Wendy Plank

American Compliance Services.....

554 Morning Glory Drive.....

Benicia, CA 94510.....

Tel. (707) 745-1137

Fax (707) 745-4462

E-mail wendyplank@sbcglobal.net

### Project

401 Amador Street  
Vallejo, CA 9

Job No.

### Asbestos (TEM)

AHERA Yamate II NIOSH 7402 OTHER

### Asbestos

PLM PCM

### Lead Only

Total Lead STLC TCLP

### Metals (Specify)

Total Metals STLC TCLP

### Mold, Non-Viable

Tape Lift Air-O-Cell Other

### Other (Specify)

Number of Samples

Turn-Around Time

STD

Matrix Type  Bulk  Dust  Paint  Soil  Wipe  Air  Water  Other

| Micro ID #<br>(For Lab Use Only) | Client Sample ID# | Description            | Date Sampled | Time Sampled<br>Start / Stop /<br>Total Minutes | Average<br>LPM | Total<br>Liters | Filter<br>Pore Size |
|----------------------------------|-------------------|------------------------|--------------|---|----------------|-----------------|---------------------|
| 1                                | 01-1              | Texture Drywall System | 1/24/09      | :   | :              | :               | Stop                |
| 2                                | 01-2              |                        |              | :   | :              | :               | first positive      |
| 3                                | 01-3              |                        |              | :   | :              | :               | positive            |
| 4                                | 01-4              |                        |              | :   | :              | :               |                     |
| 5                                | 02-5              | 4" Brown Base Cove     |              | :   | :              | :               | stop                |
| 6                                | 02-6              |                        |              | :   | :              | :               | first positive      |
| 7                                | 02-7              |                        |              | :   | :              | :               | positive            |
| 8                                | 03-8              | 4" Grey Base Cove      |              | :   | :              | :               | stop                |
| 9                                | 03-9              |                        |              | :   | :              | :               | first positive      |
| 10                               | 03-10             |                        |              | :   | :              | :               | positive            |

Instructions / Comments:  Fax  E-mail To:

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

1/24/09  
Date / Time

Drop Box / Courier

1-27-09

12:31  
Date / Time

Relinquished By

Received By

Date / Time

Relinquished By

Date / Time

Received By

Date / Time

Client ID #  
1048

Chain of Custody 4/20/2004

**MICRO ANALYTICAL LABORATORIES, INC.**

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608  
(510) 653-0824 - (510) 653-1361 - FAX

Log in #

120692

Wendy Plank

American Compliance Services

554 Morning Glory Drive

Benicia, CA 94510

Tel. (707) 745-1137

Fax (707) 745-4462

E-mail wendyplank@sbcglobal.net

**Project**

401 Amador Street  
Vallejo

Job No.

Asbestos (TEM)

AHERA Yamate II NIOSH 7402 OTHER

Asbestos

PLM PCM

Lead Only

Total Lead STLC TCLP

Metals (Specify)

Total Metals STLC TCLP

Mold, Non-Viable

Tape Lift Air-O-Cell Other

Other (Specify)

Number of Samples

Turn-Around Time

STD

Matrix Type  Bulk  Dust  Paint  Soil  Wipe  Air  Water  Other

Micro ID #  
(For Lab Use Only)

Client Sample ID#

Description

Date Sampled

Time Sampled  
Start / Stop /  
Total Minutes

Average LPM

Total Liters

Filter Pore Size

| Micro ID # | Client Sample ID# | Description                                | Date Sampled | Time Sampled | Average LPM | Total Liters   | Filter Pore Size |
|------------|-------------------|--|--------------|--------------|-------------|----------------|------------------|
| 11         | 04-11             | 2x4 Swirl Ceiling Tile                     | 1/24/09      | :            | :           | stop           |                  |
| 12         | 04-12             |  |              | :            | :           | first positive |                  |
| 13         | 04-13             |  |              | :            | :           | positive       |                  |
| 14         | 05-14             | Brick/Mortar                               |              | :            | :           |                |                  |
| 15         | 06-15             | Unfinished Drywall                         |              | :            | :           | stop           |                  |
| 16         | 06-16             |  |              | :            | :           | first positive |                  |
| 17         | 06-17             |  |              | :            | :           | positive       |                  |
| 18         | 07-18             | Heater unit Compound Tape with Silver Tape |              | :            | :           | stop           |                  |
| 19         | 08-19             | Coating on Pillars                         |              | :            | :           | stop           |                  |
| 20         | 08-20             |  |              | :            | :           | first positive |                  |
| 21         | 08-21             |  |              | :            | :           | positive       |                  |

Instructions / Comments:

Fax

E-mail To:

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

*[Signature]*

1/24/09  
Date / Time

Drop Box / Courier

*[Signature]*  
Received By

1.27.09

12:57  
Date / Time

Relinquished By

Date / Time

Received By

Date / Time

Client ID # 1048  
 Chain of Custody 4/20/2004  
 Name / Client / Address:  
 Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510  
 Tel. (707) 745-1137  
 Fax (707) 745-4462  
 E-mail wendyplank@sbcglobal.net

**MICRO ANALYTICAL LABORATORIES, INC.**

5900 Hollis St., Suite M, Emeryville, CA 94608  
 (510) 653-0824 - (510) 653-1361 - FAX

Log in # 120692

**Project**

401 Amador Street  
 Vallejo

Asbestos (TEM) AHERA Yamate II NIOSH 7402 OTHER

Asbestos (PLM) PCM

Lead Only Total Lead STLC TCLP

Metals (Specify) Total Metals STLC TCLP

Mold, Non-Viable Tape Lift Air-O-Cell Other

Other (Specify)

Number of Samples Turn-Around Time  
 STD

Matrix Type Bulk Dust Paint Soil Wipe Air Water Other

| Micro ID #<br>(For Lab Use Only) | Client Sample ID# | Description             | Date Sampled | Time Sampled<br>Start / Stop /<br>Total Minutes | Average<br>LPM | Total<br>Liters | Filter<br>Pore Size    |
|----------------------------------|-------------------|-------------------------|--------------|---|----------------|-----------------|------------------------|
|                                  | 09-22             | Final layer drywall     | 1/24/09      | :   | :              |                 |                        |
| 22                               | 10-23             | Grey Sheet flooring     | 1/24/09      | :   | :              |                 | stop first<br>positive |
| 23                               | 10-24             |                         |              |   |                |                 |                        |
| 24                               | 11-25             | Brown wall paper        |              |   |                |                 |                        |
| 25                               | 12-26             | Metal seam mastic       |              |   |                |                 |                        |
| 26                               | 13-27             | Silver Tape no compound |              |   |                |                 |                        |
| 27                               | 14-28             | Exterior stucco         |              |   |                |                 |                        |
| 28                               | 14-29             |                         |              |   |                |                 |                        |
| 29                               | 14-30             |                         |              |   |                |                 |                        |
| 30                               | 14-31             |                         |              |   |                |                 |                        |
| 31                               | 14-32             |                         |              |   |                |                 |                        |

Instructions / Comments:  Fax  E-mail To:

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.  
 If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

*DAN DEKUMMER*  
 Relinquished By

1/24/09  
 Date / Time

Drop Box / Courier

*TKM*  
 Received By

1-27-09

12:37

Date / Time

Relinquished By

Date / Time

Received By

Date / Time



Client ID # 1048 Chain of Custody 4/20/2004  
 Name / Client / Address: Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510  
 Tel. (707) 745-1137  
 Fax (707) 745-4462  
 E-mail wendyplank@sbcglobal.net

**MICRO ANALYTICAL LABORATORIES, INC.**

5900 Hollis St., Suite M, Emeryville, CA 94608  
 (510) 653-0824 - (510) 653-1361 - FAX

Log in # 120692

**Project**  
 401 Amador Street  
 Valley, CA

Job No. \_\_\_\_\_

**Asbestos (TEM)** AHERA Yamate II NIOSH 7402 OTHER

**Asbestos** PLM PCM

**Lead Only** Total Lead STLC TCLP

**Metals (Specify)** Total Metals STLC TCLP

**Mold, Non-Viable** Tape Lift Air-O-Cell Other

**Other (Specify)** \_\_\_\_\_

**Number of Samples** **Turn-Around Time**  
 STD

Matrix Type Bulk Dust Paint Soil Wipe Air Water Other

| Micro ID #<br>(For Lab Use Only) | Client Sample ID# | Description                           | Date Sampled | Time Sampled<br>Start / Stop /<br>Total Minutes | Average<br>LPM | Total<br>Liters | Filter<br>Pore Size |
|----------------------------------|-------------------|---------------------------------------|--------------|---|----------------|-----------------|---------------------|
| 32                               | 15-33             | Lower level<br>Roof Shingle Field     | 1/24/09      | : :<br>: :<br>: :                               |                |                 |                     |
| 33                               | 16-34             | Upper level<br>Roof Field Shingle     |              | : :<br>: :<br>: :                               |                |                 |                     |
| 34                               | 17-35             | Lower level<br>Den. Mastic            |              | : :<br>: :<br>: :                               |                |                 |                     |
| 35                               | 18-36             | Seam Mastic<br>ON HVAC                |              | : :<br>: :<br>: :                               |                |                 |                     |
| 36                               | 19-37             | foil tape around<br>SINK              |              | : :<br>: :<br>: :                               |                |                 |                     |
| 37                               | 20-38             | Drywall ceiling<br>No Tape / compound |              | : :<br>: :<br>: :                               |                |                 |                     |
|                                  |                   |                                       |              | : :<br>: :<br>: :                               |                |                 |                     |
|                                  |                   |                                       |              | : :<br>: :<br>: :                               |                |                 |                     |
|                                  |                   |                                       |              | : :<br>: :<br>: :                               |                |                 |                     |

Instructions / Comments:  Fax  E-mail To:

**Sample Return:** YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.  
 If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By DAVID LUMLEY Date / Time 1/24/09 Drop Box / Courier HM Received By 1.27.09 Date / Time 12:57

Relinquished By \_\_\_\_\_ Date / Time \_\_\_\_\_ Received By \_\_\_\_\_ Date / Time \_\_\_\_\_

# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)



1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
401 AMADOR STREET  
VALLEJO, CA

Micro Log In **285519**  
Total Samples 11  
Date Sampled 09/21/2021  
Date Received 09/22/2021  
Date Analyzed 09/22/2021

**SAMPLE IDENTIFICATION****ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS****DOMINANT OTHER MATERIALS**

If absent, ND Is Reported (No Asbestos Detected)

|  |                |                                     |   |
|--|----------------|-------------------------------------|---|
| Client #:                                      | 21-39          |                                     |   |
| Micro #: 285519-01                             | Analyst: JM    | <b>SHEET FLOORING/BACKING: ND</b>   | 30 % CELLULOSE                                |
| <b>SQUARE PATTERN SHEET FLOORING</b>           |                | <b>MASTIC: ND</b>                   | NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE. |
| Client #:                                      | 22-40          |                                     |   |
| Micro #: 285519-02A                            | Analyst: JM    | <b>SHEET FLOORING: ND</b>           | 10 % CELLULOSE                                |
| <b>BLACK SHEET FLOORING</b>                    |                | <b>GLUE: ND</b>                     | NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE. |
| <i>LAB NOTE: SHEET FLOORING (BLACK)</i>        |                |                                     |   |
| Client #:                                      | 22-40          |                                     |   |
| Micro #: 285519-02B                            | Analyst: JM    | <b>SHEET FLOORING: ND</b>           | 10 % CELLULOSE                                |
| <b>BLACK SHEET FLOORING</b>                    |                | <b>MASTIC: ND</b>                   | NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE. |
| <i>LAB NOTE: SHEET FLOORING (GRAY / WHITE)</i> |                |                                     |   |
| Client #:                                      | 22-40          |                                     |   |
| Micro #: 285519-02C                            | Analyst: JM GR | <b>SHEET FLOORING / BACKING: ND</b> | 20 % CELLULOSE                                |
| <b>BLACK SHEET FLOORING</b>                    |                |                                     | 10 % FIBROUS GLASS                            |
| <i>LAB NOTE: SHEET FLOORING (GRAY)</i>         |                |                                     | 10 % SYNTHETIC FIBERS                         |
| NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.  |                |                                     |   |
| Client #:                                      | 22-40          |                                     |   |
| Micro #: 285519-02D                            | Analyst: JM    | <b>UNDERLAYMENT (BROWN): ND</b>     | 90 % CELLULOSE                                |
| <b>BLACK SHEET FLOORING</b>                    |                |                                     | NFM: BINDER                                   |
| <i>LAB NOTE: UNDERLAYMENT</i>                  |                |                                     |   |

Technical Supervisor:

Baofia Ke, Ph.D.

9/22/2021

Date Reported

NVLAP Lab Code 101872-0 (TESTING). Analyses use Polarized Light Microscopy (PLM). Micro Analytical SOP PLM-101. Basic techniques follow EPA - Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (originally published 1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Tremolite-asbestos or actinolite-asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. NFM = Non-fibrous materials.

**MICRO ANALYTICAL LABORATORIES, INC.**  
**BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)**



1048  
 Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510

PROJECT:  
 401 AMADOR STREET  
 VALLEJO, CA

Micro Log In **285519**  
 Total Samples 11  
 Date Sampled 09/21/2021  
 Date Received 09/22/2021  
 Date Analyzed 09/22/2021

| SAMPLE IDENTIFICATION | ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS | DOMINANT OTHER MATERIALS |
|-----------------------|---|--------------------------|
|-----------------------|---|--------------------------|

If absent, ND Is Reported (No Asbestos Detected)

|  |  |  |
|--|--|--|
| Client #: 23-41<br>Micro #: 285519-03 Analyst: JM<br>BROWN CARPET / MASTIC | CARPET: ND<br>MASTIC: ND   | 80 % SYNTHETIC FIBERS<br>NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES |
| Client #: 01-42<br>Micro #: 285519-04 Analyst: JM<br>TEXTURE DRYWALL       | DRYWALL: ND<br>JOINT COMPOUND: ND<br>TEXTURE: ND<br>TAPE / PAINT: ND | 15 % CELLULOSE<br>NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.                        |
| Client #: 01-43<br>Micro #: 285519-05 Analyst: JM<br>TEXTURE DRYWALL       | DRYWALL: ND<br>JOINT COMPOUND: ND<br>TEXTURE: ND<br>TAPE / PAINT: ND | 15 % CELLULOSE<br>NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.                        |
| Client #: 01-44<br>Micro #: 285519-06 Analyst: JM GR<br>TEXTURE DRYWALL    | DRYWALL: ND<br>JOINT COMPOUND: ND<br>TEXTURE: ND<br>TAPE / PAINT: ND | 15 % CELLULOSE<br>NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.                        |
| Client #: 14-28<br>Micro #: 285519-07 Analyst: JM<br>STUCCO                | STUCCO: ND<br>CONCRETE: ND   | NFM: ROCK FRAGMENTS, CARBONATE, BINDER   |

Technical Supervisor: 

Baojia Ke, Ph.D.

9/22/2021

Date Reported

NVLAP Lab Code 101872-0 (TESTING). Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101. Basic techniques follow EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (originally published 1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Tremolite-asbestos or actinolite-asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. NFM = Non-fibrous materials.

**MICRO ANALYTICAL LABORATORIES, INC.**  
**BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)**



1048  
 Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510


PROJECT:  
**401 AMADOR STREET  
 VALLEJO, CA**

Micro Log In **285519**  
 Total Samples 11  
 Date Sampled 09/21/2021  
 Date Received 09/22/2021  
 Date Analyzed 09/22/2021

**SAMPLE IDENTIFICATION****ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS****DOMINANT  
OTHER MATERIALS**

If absent, ND is Reported (No Asbestos Detected)

|                    |             |  |   |
|--------------------|-------------|--|---|
| Client #:          | 14-29       | <b>STUCCO: ND</b><br><b>CONCRETE: ND</b> | NFM: ROCK FRAGMENTS, CARBONATE,<br>BINDER |
| Micro #: 285519-08 | Analyst: JM |  |   |
| <b>STUCCO</b>      |             |  |   |

Technical Supervisor: 

Baojia Ke, Ph.D.

9/22/2021

Date Reported

NVLAP Lab Code 101872-0 (TESTING). Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101. Basic techniques follow EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples\* (originally published 1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Tremolite-asbestos or actinolite-asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible. If asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. NFM = Non-fibrous materials.

Client ID # 1048  
 Chain of Custody 4/20/2004  
 Name / Client / Address: Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510  
 Tel. (707) 745-1137  
 Fax (707) 745-4462  
 E-mail wendyplank@sbcglobal.net

**MICRO ANALYTICAL LABORATORIES, INC.**

5900 Hollis St., Suite M, Emeryville, CA 94608  
 (510) 653-0824 - (510) 653-1361 - FAX

Log in # 285519

**Project**  
 401 Amador St  
 Vallejo, CA  
 PM#

**Asbestos (TEM)** AHERA Yamate II NIOSH 7402 OTHER  
**Asbestos** PLM PCM  
**Lead Only** Total Lead STLC TCLP  
**Metals (Specify)** Total Metals STLC TCLP  
**Mold, Non-Viable** Tape Lift Air-O-Cell Other  
**Other (Specify)**

**Number of Samples** **Turn-Around Time**  
 Std

Matrix Type Bulk Dust Paint Soil Wipe Air Water Other

| Micro ID #<br>(For Lab Use Only) | Client Sample ID# | Description                      | Date Sampled | Time Sampled<br>Start / Stop /<br>Total Minutes | Average<br>LPM | Total<br>Liters | Filter<br>Pore Size |
|----------------------------------|-------------------|----------------------------------|--------------|---|----------------|-----------------|---------------------|
| 1                                | 21-39             | Square Pattern<br>Sheet Flooring | 9/21/21      | :   | :              |                 |                     |
| 2                                | 22-40             | Black Sheet Flooring             |              | :   | :              |                 |                     |
| 3                                | 23-41             | Brown Carpet/Mastic              |              | :   | :              |                 |                     |
| 4                                | 01-42             | Texture Drywall                  |              | :   | :              |                 |                     |
| 5                                | 01-43             | " "                              |              | :   | :              |                 |                     |
| 6                                | 01-44             | " "                              |              | :   | :              |                 |                     |
| 7                                | 14-28             | Stucco                           |              | :   | :              |                 |                     |
| 8                                | 14-29             | Stucco                           |              | :   | :              |                 |                     |
|                                  |                   |                                  |              | :   | :              |                 |                     |
|                                  |                   |                                  |              | :   | :              |                 |                     |

Stop at first positive  
 All in  
 Stop first positive 21%

Instructions / Comments:  Fax  E-mail To:

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.  
 If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name *Sofia Kummer* Sofia Kummer Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By \_\_\_\_\_ Date / Time \_\_\_\_\_ Drop Box / Courier P-T Received By \_\_\_\_\_ Date / Time 9/22/21 12:15

Relinquished By \_\_\_\_\_ Date / Time \_\_\_\_\_ Received By \_\_\_\_\_ Date / Time

# MICRO ANALYTICAL LABORATORIES, INC.

## BULK ASBESTOS - PLM POINT COUNT (EPA/600/R-93/116, 1993)

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
401 AMADOR STREET  
VALLEJO, CA

Micro Log In **121093**  
Total Samples 2  
Date Sampled 01/24/2009  
Date Received 02/05/2009  
Date Analyzed 02/06/2009

### ASBESTOS INFORMATION

| SAMPLE INFORMATION   |  | QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES                             | DOMINANT OTHER MATERIALS                  |
|--|--|---|---|
| Client: <b>14-29</b>   |  | <b>&lt;0.193% CHRYSOTILE ASBESTOS</b>   | Matrix: ROCK FRAGMENTS<br>Type: CARBONATE |
| Micro: 121093-01 Analyst: LZ<br>EXTERIOR STUCCO<br>(REANALYSIS OF PLM 120692-28) |  |   |   |
| Asb. / Total Pts. Matrix Removed Sensitivity<br>0 / 400 22.8% 0.193%             |  | <b>ASBESTOS WAS OBSERVED DURING SCANNING BUT NO ASBESTOS POINTS WERE COUNTED.</b> |   |
| Client: <b>14-30</b>   |  | <b>&lt;0.198% CHRYSOTILE ASBESTOS</b>   | Matrix: ROCK FRAGMENTS<br>Type: CARBONATE |
| Micro: 121093-02 Analyst: KM<br>EXTERIOR STUCCO<br>(REANALYSIS OF PLM 120692-29) |  |   |   |
| Asb. / Total Pts. Matrix Removed Sensitivity<br>0 / 400 20.9% 0.198%             |  | <b>ASBESTOS WAS OBSERVED DURING SCANNING BUT NO ASBESTOS POINTS WERE COUNTED.</b> |   |

Technical Supervisor:  2/6/2009  
Date Reported

for Gamini Ranatunga, Ph.D.

NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 µm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately and asbestos percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. \*Quality Control (QC) Codes: A1/A2 = results Within acceptance limits; B = no asbestos detected in lab blank (SRM 1866a Fibrous Glass or equivalent); R = all materials confirmed after multiple result resolutions. NIST / NVLAP Accreditation Lab Code: #101872-0. California ELAP Certification #1037. EPA test method is based on the EPA Interim Method (1982), with several improvements in analytical techniques. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced without 5900 HOLLIS STREET, SUITE M - EMERYVILLE, CA 94608 - (510) 653-0824

121093

400 pt-cont  
EDays

Client ID # 1048  
 Chain of Custody 4/20/2004  
 Name / Client / Address:  
 Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510  
 Tel. (707) 745-1137  
 Fax (707) 745-4462  
 E-mail wendyplank@sbcglobal.net

**MICRO ANALYTICAL LABORATORIES, INC.**  
 5900 Hollis St., Suite M, Emeryville, CA 94608  
 (510) 853-0824 - (510) 853-1361 - FAX

Log in # 120692

**Project**

401 Amador Street  
 Vallejo

Asbestos (TEM) AMERA Yamate II NIOSH 7402 OTHER  
 Asbestos PLM PCM  
 Lead Only Total Lead STLC TCLP  
 Metals (Specify) Total Metals STLC TCLP  
 Mold, Non-Viable Tape Lift Air-O-Cell Other  
 Other (Specify) \_\_\_\_\_

Matrix Type Bulk Dust Paint Soil Wipe Air Water Other

Number of Samples \_\_\_\_\_ Turn-Around Time STD

| Micro ID #<br>(For Lab Use Only) | Client Sample ID# | Description                | Date Sampled | Time Sampled<br>Start / Stop /<br>Total Minutes | Average<br>LPM | Total<br>Liters | Filter<br>Pore Size |                        |
|----------------------------------|-------------------|----------------------------|--------------|---|----------------|-----------------|---------------------|------------------------|
|                                  | 09-22             | Asphalt                    | 12/1/09      |   |                |                 |                     |                        |
| 22                               | 10-23             | Grey Sheet<br>Flooring     |              |   |                |                 |                     |                        |
| 25                               | 10-24             |                            |              |   |                |                 |                     | Stop first<br>Positive |
| 24                               | 11-25             | Brown Wall Paper           |              |   |                |                 |                     |                        |
| 25                               | 12-26             | Metal seam Mastic          |              |   |                |                 |                     |                        |
| 26                               | 13-27             | Silver Tape<br>no compound |              |   |                |                 |                     |                        |
| 27                               | 14-28             | Exterior Stucco            |              |   |                |                 |                     | Stop first<br>Positive |
| 28                               | 14-29             |                            |              |   |                |                 |                     | Positive               |
| 29                               | 14-30             |                            |              |   |                |                 |                     |                        |
| 30                               | 14-31             |                            |              |   |                |                 |                     |                        |
| 31                               | 14-32             |                            |              |   |                |                 |                     |                        |

01  
02

Instructions / Comments:  Fax  E-mail To:

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.  
 If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name DAN DEKOR Note to Lab: If any samples are not acceptable, record reasons for rejection.  
 Relinquished By 1/24/09 Date / Time Drop Box / Courier THM Received By 1-27-09 Date / Time  
 Relinquished By \_\_\_\_\_ Date / Time Received By \_\_\_\_\_ Date / Time

**LEAD**



# MICRO ANALYTICAL LABORATORIES, INC.

## LEAD IN PAINT - FLAME AAS (EPA 7420)


1048  
 Wendy Plank  
 American Compliance Services  
 554 Morning Glory Drive  
 Benicia, CA 94510

PROJECT:  
 401 AMADOR STREET  
 VALLEJO, CA

Micro Log In **120693**  
 Total Samples 13  
 Date Sampled 01/24/2009  
 Date Received 01/27/2009  
 Date Analyzed 01/27/2009

### Lead Concentration

| Sample ID  | Weight Percent  | mg/kg (ppm) | Reporting Limits    |
|--|---|-------------|---------------------|
| Client: <b>P1</b><br>Lab: 120693-01<br>UNITED WAY STAFF ROOM<br>WHITE PAINT ON TEXTURE DRYWALL | < 0.01%   | < 71        | 0.01 %<br>71 mg/kg  |
| Client: <b>P2</b><br>Lab: 120693-02<br>UNITED WAY<br>WHITE PAINT ON BRICK                      | 0.06%   | 565         | 0.01 %<br>60 mg/kg  |
| Client: <b>P3</b><br>Lab: 120693-03<br>UNITED WAY<br>WHITE PAINT ON DOOR TRIM                  | < 0.01%<br><small>Amount of sample is less than advisable for this method; accuracy of results may be adversely affected.</small> | < 85        | 0.01 %<br>85 mg/kg  |
| Client: <b>P4</b><br>Lab: 120693-04<br>MAIN HALL<br>WHITE PAINT ON TEXTURE DRYWALL             | < 0.01%<br><small>Amount of sample is less than advisable for this method; accuracy of results may be adversely affected.</small> | < 106       | 0.01 %<br>106 mg/kg |
| Client: <b>P5</b><br>Lab: 120693-05<br>WOMENS RESTROOM<br>WHITE PAINT ON DRYWALL               | < 0.01%   | < 71        | 0.01 %<br>71 mg/kg  |

Technical Supervisor:  1/29/2009  
 Tess Tagorda, Chemistry Supervisor Date Reported

Analyst: LN

AIHA ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS). U.S. EPA SW-846 Method 7420 is used for the instrumental analysis. Nitric acid and hydrogen peroxide digestion procedures are based on ASTM E-1645. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be reproduced without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable.

**MICRO ANALYTICAL LABORATORIES, INC.****LEAD IN PAINT - FLAME AAS (EPA 7420)**

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
401 AMADOR STREET  
VALLEJO, CA

Micro Log In **120693**  
Total Samples 13  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

**Lead Concentration**

| Sample ID  | Weight Percent | mg/kg (ppm) | Reporting Limits   |
|--|----------------|-------------|--------------------|
| Client: <b>P6</b><br>Lab: 120693-06<br>KITCHEN<br>WHITE PAINT ON TEXTURE DRYWALL | < 0.01%        | < 60        | 0.01 %<br>60 mg/kg |
| Client: <b>P7</b><br>Lab: 120693-07<br>STAFF ROOM<br>WHITE WOOD WINDOW SILL      | < 0.01%        | < 73        | 0.01 %<br>73 mg/kg |
| Client: <b>P8</b><br>Lab: 120693-08<br>OFFICE<br>WHITE PAINT ON TEXTURE DRYWALL  | < 0.01%        | < 62        | 0.01 %<br>62 mg/kg |
| Client: <b>P9</b><br>Lab: 120693-09<br>EXTERIOR TAN PAINT ON STUCCO              | < 0.01%        | < 60        | 0.01 %<br>60 mg/kg |
| Client: <b>P10</b><br>Lab: 120693-10<br>DARK BROWN PAINT ON WOOD TRIM            | < 0.01%        | < 73        | 0.01 %<br>73 mg/kg |

Technical Supervisor: Tess Tagorda

Tess Tagorda, Chemistry Supervisor

1/27/2009

Date Reported

Analyst: LN

LN

AIHA ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS). U.S. EPA SW-846 Method 7420 is used for the instrumental analysis. Nitric acid and hydrogen peroxide digestion procedures are based on ASTM E-1645. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be reproduced without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable.

5900 HOLLIS STREET, SUITE M, EMERYVILLE, CALIFORNIA 94608 - (510) 653-0824

**MICRO ANALYTICAL LABORATORIES, INC.****LEAD IN PAINT - FLAME AAS (EPA 7420)**

1048  
Wendy Plank  
American Compliance Services  
554 Morning Glory Drive  
Benicia, CA 94510

PROJECT:  
  
401 AMADOR STREET  
VALLEJO, CA

Micro Log In **120693**  
Total Samples 13  
Date Sampled 01/24/2009  
Date Received 01/27/2009  
Date Analyzed 01/27/2009

| Sample ID   | Weight Percent | mg/kg (ppm) | Reporting Limits   |
|---|----------------|-------------|--------------------|
| Client: <b>P11</b><br>Lab: 120693-11<br>TAN PAINT ON METAL DOWN SPOUT             | < 0.01%        | < 70        | 0.01 %<br>70 mg/kg |
| Client: <b>P12</b><br>Lab: 120693-12<br>CLOSET - FLAKEY<br>WHITE PAINT ON DRYWALL | 0.02%          | 180         | 0.01 %<br>78 mg/kg |
| Client: <b>P13</b><br>Lab: 120693-13<br>TAN PAINT ON WOOD EXTERIOR                | < 0.01%        | < 71        | 0.01 %<br>71 mg/kg |

Technical Supervisor: \_\_\_\_\_

Tess Tagorda, Chemistry Supervisor

1/27/2009

Date Reported

Analyst: \_\_\_\_\_

LN

AIHA ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS). U.S. EPA SW-846 Method 7420 is used for the instrumental analysis. Nitric acid and hydrogen peroxide digestion procedures are based on ASTM E-1645. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be reproduced without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable.

5900 HOLLIS STREET, SUITE M, EMERYVILLE, CALIFORNIA 94608 - (510) 653-0824

Client ID #  
1048

Chain of Custody 4/20/2004

# MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608

(510) 653-0824 - (510) 653-1361 - FAX

Log in #

120693

Name / Client / Address:

Wendy Plank

American Compliance Services.....

554 Morning Glory Drive.....

Benicia, CA 94510.....

TEL (707) 745-1137

Fax (707) 745-4462

E-mail wendyplank@sbcglobal.net

### Project

401 Amador St  
Vallejo CA

Job No.

Asbestos (TEM)

AHERA Yamate II NIOSH 7402 OTHER

Asbestos PLM PCM

Lead Only

Total Lead STLC TCLP

Metals (Specify)

Total Metals STLC TCLP

Mold, Non-Viable

Tape Lift Air-O-Cell Other

Other (Specify)

Number of Samples

Turn-Around Time

Std

Matrix Type Bulk Dust Paint Soil Wipe Air Water Other

Micro ID #  
(For Lab Use Only)

Client Sample ID#

Description

4-24-09  
Date Sampled

Time Sampled  
Start / Stop / Total Minutes

Average LPM

Total Liters

Filter Pore Size

| Micro ID # | Client Sample ID# | Description   | Date Sampled | Time Sampled | Average LPM | Total Liters | Filter Pore Size |
|------------|-------------------|---|--------------|--------------|-------------|--------------|------------------|
| 1          | P1                | United way staff room<br>White paint on Tex Drywall |              |              |             |              |                  |
| 2          | P2                | United way<br>White Paint on Brick                  |              |              |             |              |                  |
| 3          | P3                | United way<br>White paint on door trim              |              |              |             |              |                  |
| 4          | P4                | (main Hall)<br>White paint on tex. drywall          |              |              |             |              |                  |
| 5          | P5                | Womans RR<br>White paint on tex drywall             |              |              |             |              |                  |
| 6          | P6                | Kitchen<br>White paint on tex drywall               |              |              |             |              |                  |
| 7          | P7                | Staff room<br>White Wood Window sill                |              |              |             |              |                  |
| 8          | P8                | Office<br>White paint on Tex drywall                |              |              |             |              |                  |
| 9          | P9                | Exterior TAN Paint on Stucco                        |              |              |             |              |                  |
| 10         | P10               | DK Brown Paint on wood trim                         |              |              |             |              |                  |
| 11         | P11               | TAN paint on metal downspout                        |              |              |             |              |                  |

Instructions / Comments:

~~P13~~

Fax

E-mail To:

~~P13 TAN on wood ext~~

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name

Wendy Plank

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Drop Box / Courier

ARM 127.09 12:57

Relinquished By

Date / Time

Received By

Date / Time

Relinquished By

Date / Time

Received By

Date / Time



# LEAD HAZARD EVALUATION REPORT

## LEAD HAZARD EVALUATION REPORT

**Section 1-Date of Lead Hazard Evaluation** \_\_\_\_\_

**Section 2-Type of Lead Hazard Evaluation** (Check one box only)

Lead inspection      Risk assessment      Clearance inspection      Other (specify) \_\_\_\_\_

**Section 3-Structure Where Lead Hazard Evaluation Was Conducted**

|   |  |                         |                        |
|---|--|-------------------------|------------------------|
| Address [number, street, apartment (if applicable)] | City                                   | County                  | ZIP code               |
| Construction date (year) of structure               | Type of structure (check one box only) |                         |                        |
|   | Multi-unit building                    | Child-occupied facility | Single family dwelling |
|   |  |                         | Other (specify) _____  |

**Section 4-Owner of Structure** (if business/agency, list contact person)

|   |                             |       |          |
|---|-----------------------------|-------|----------|
| Name  | Telephone number<br>(     ) |       |          |
| Address [number, street, apartment (if applicable)] | City                        | State | ZIP code |

**Section 5-Results of Lead Hazard Evaluation** (Check one box only)

**No lead-based paint detected.**

A lead inspection was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1 Chapter 8. No lead-based paint was detected during this lead inspection. This structure is found to be lead-based paint free.

**No lead hazards detected**

Lead hazard evaluation was conducted following the procedures outlined in Title 17, California Code of Regulations Division 1, Chapter 8. No lead hazards were detected.

**Lead-based paint and/or lead hazards detected.**

Lead hazard evaluation was conducted following the procedures outlined in Title 17, California Code of Regulations Division 1, Chapter 8. Lead-based paint and/or lead hazards were detected.

**Section 6-Individual Conducting Lead Hazard Evaluation**

|   |                             |       |          |
|---|-----------------------------|-------|----------|
| Name  | Telephone Number<br>(     ) |       |          |
| Address [number, street, apartment (if applicable)] | City                        | State | ZIP code |

Brand name and serial number of any portable x-ray fluorescence (XRF) instrument used (if applicable)

|                          |                       |      |
|--------------------------|-----------------------|------|
| DHS certification number | Signature<br><b>X</b> | Date |
|--------------------------|-----------------------|------|

**Section 7-Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

*First copy and attachments retained by inspector*

*Second copy and attachments retained by owner*

*Third copy only (no attachments) mailed or faxed to:*

Childhood Lead Poisoning Prevention Branch  
 Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

## **Codes and Regulations**



## **CODES AND REGULATIONS**

Federal, State, and Local regulations that govern asbestos and lead abatement work or transportation and disposal of asbestos and lead containing waste materials include but are not limited to the following:

### **CALIFORNIA ASSEMBLY BILLS (CAB)**

CAB 040                      Yearly Registration of Contractors

### **CALIFORNIA CODE OF REGULATIONS (CCR)**

|                                |   |
|--------------------------------|---|
| Title 8 CCR 5208               | General Industry - Asbestos   |
| Title 17 Division 1, Chapter 8 | Accreditation, Certification, and Work Practices in Lead-Related Construction                             |
| CCR CARS                       | Carcinogen and Asbestos Registration Sections 340-344.53, 341.6 Amended, and 341.9 Amended Through 341.14 |
| CCR CSO                        | Construction Safety Orders, Chapter 4, Subchapter 4   |
| CCR ESO                        | Electrical Safety Orders, Chapter 4, Subchapter 5   |
| CCR 1529                       | Asbestos Construction Standard  |
| CCR 1532.1                     | Lead in Construction  |
| CCR 3203                       | Accident Prevention Program   |
| CCR 3204                       | Access to Employee Exposure and Medical Records   |
| CCR 3220                       | Emergency Action Plan   |
| CCR 3221                       | Fire Prevention Plan  |
| CCR 5144                       | Respiratory Protection Equipment Standard   |
| CCR 5194                       | Hazard Communication Standard   |
| CCR 5209                       | Carcinogen Regulation   |
| CCR 6003                       | Accident Prevention Signs   |

### **CALIFORNIA HEALTH SERVICES (CHS) TITLES 22 AND 23, CALIFORNIA ADMINISTRATIVE CODE DISPOSAL REQUIREMENTS**

|           |   |
|-----------|---|
| CHS 25123 | Section 25123   |
| CHS 25124 | Section 25124   |
| CHS 25143 | Section 25143   |
| CHS 25163 | Section 25163   |
| CHS 66508 | Section 66508   |
| CHS 66510 | Section 66510   |
| CHS DIV 4 | Division 4, Commencing with Section 66000, "Disposal" |

### **CALIFORNIA HEALTH AND SAFETY CODE (CHSC)**

CHSC 20                      Division 20, Commencing with Section 24200

### **CALIFORNIA LABOR CODE (CLC)**

CLC DIVISION 5              Part 1, commencing with 6300

### **CALIFORNIA PROPOSITIONS (CP)**

CP 65                          Proposition 65

### **CALIFORNIA STATE BOARD OF EQUALIZATION (CSBE)**

CSBE ETU                      Excise Tax Unit

CALIFORNIA STATE LICENSE BOARD (CSLB)

CSLB CBPC

California Business and Professional Code Sections  
7058.5 and 7058.7, "Certification"

CODE OF FEDERAL REGULATIONS (CFR)

|                     |   |
|---------------------|---|
| 29 CFR 1910.134     | Respiratory Protection  |
| 29 CFR 1910.141     | Sanitation  |
| 29 CFR 1910.145     | Accident Prevention Signs and Tags  |
| 29 CFR 1926.21      | Safety Training and Education   |
| 29 CFR 1926.55      | Gases, Vapors, Fumes, Dusts, and Mists  |
| 29 CFR 1926.62      | Lead Exposure in Construction   |
| 29 CFR 1926.65      | Hazardous Waste Operations and Emergency Response   |
| 29 CFR 1926.103     | Respiratory Protection  |
| 29 CFR 1926.59      | Hazard Communication  |
| 29CFR 1910.1000     | Air Contaminants  |
| 29 CFR 1926.1101    | Asbestos  |
| 40 CFR 61-SUBPART A | General Provisions  |
| 40 CFR 61-SUBPART M | National Emission Standard for Asbestos   |
| 49 CFR 172          | Hazardous Materials Tables and Hazardous Materials Communications Regulations                                   |
| 40 CFR 260          | Hazardous Waste Management Systems: General   |
| 40 CFR 261          | Identification and Listing of Hazardous Waste   |
| 40 CFR 262          | Generators of Hazardous Waste   |
| 40 CFR 263          | Transporters of Hazardous Waste   |
| 40 CFR 264          | Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities                             |
| 40 CFR 265          | Interim Status Standard for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities |
| 40 CFR 268          | Land Disposal Restrictions  |
| 40 CFR 745          | Lead; Requirements for Lead-Based Paint Activities  |
| 40 CFR 763          | Asbestos Containing Material in Schools   |
| 49 CFR 178          | Shipping Container Specifications   |

STATE AND LOCAL REGULATIONS

Regulation 11, Rule 2

Bay Area Air Quality Management District

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

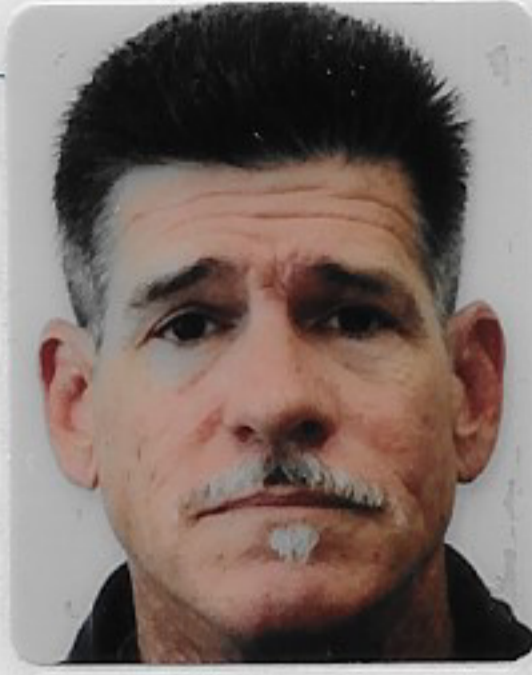
Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

UNDERWRITERS LABORATORIES INC. (UL)

1990 High-Efficiency Particulate Air

# INSPECTOR CERTIFICATIONS

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



**David E Kummer**

Name

Certification No. **08-4363**

Expires on **06/19/22**

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:**



**David Kummer**

**CERTIFICATE TYPE:**

Lead Sampling Technician

**NUMBER:**

LRC-00007343

**EXPIRATION DATE:**

10/27/2021

**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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

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

**Sofia Corona Kummer**

Name



Certification No. **16-5684**

Expires on **08/17/22**

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.

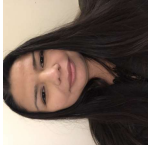


STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Sofia Kummer**

**CERTIFICATE TYPE:**

Lead Sampling Technician

**NUMBER:**

LRC-00007766

**EXPIRATION DATE:**

1/20/2022

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

State of California  
Division of Occupational Safety and Health  
**Certified Asbestos Consultant**

**Wendy P Davis**  
Name



Certification No. 01-2904

Expires on 04/04/22

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:**



**Wendy Davis**

**CERTIFICATE TYPE:**

- Lead Inspector/Assessor
- Lead Project Designer
- Lead Project Monitor
- Lead Supervisor

**NUMBER:**

- LRC-00008107
- LRC-00008108
- LRC-00008109
- LRC-00008106

**EXPIRATION DATE:**

- 5/18/2022
- 5/18/2022
- 5/18/2022
- 5/18/2022

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.