



GREATER VALLEJO RECREATION DISTRICT

Board of Directors
Robert Briseno
Gary Salvadori
Ron C. Bowen
Adjoa McDonald
Rizal Aliga

General Manager
Gabriel Lanusse

395 Amador Street, Vallejo, CA 94590-6320 • 707-648-4600 • FAX 707-648-4616

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District Office at 707-648-4604 or fax 707-648-4616. Requests must be made as soon as possible and at least three (3) full business days before the start of the meeting.

Facilities and Development Committee Agenda

Directors: Bowen and Salvadori

Tuesday, February 22, 2022

3:00 p.m.

Administrative Office – Board Room

395 Amador Street

- 1. Update on the Vallejo Community Center Project**
- 2. Grant Mahony Upgrades**
- 3. Update on 395/401 Amador Street Building Upgrades**
- 4. Disc Golf Course Signage Request**
- 5. Richardson Corp Yard Electrical Upgrades**
- 6. 10-Year Master Plan Final Report**
- 7. Prop. 68- Per Capita Grant-Terrace Park**
- 8. Prop. 68 – RIRE Grant-Setterquist Park**

Next Meeting: March 21, 2022

Mission Statement:

Building community and enhancing quality of life through people, parks, and programs.

Website: www.gvrd.org



AMERICAN COMPLIANCE SERVICES, LTD

ASBESTOS and LEAD BASED PAINT SURVEY

225 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:

January 20, 2022

Table of Contents

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

Attachments

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

SECTION I EXECUTIVE SUMMARY

On January 18, 2022, American Compliance Services (ACS) was contacted by the Greater Vallejo Recreation District, to conduct a limited asbestos and limited lead-based paint survey at 225 Amador Street, in Vallejo, California. David Kummer and Sofia Corona Kummer, Certified Site Surveillance Technicians (CSST's), 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 selective removal of these materials during renovation. The lead survey included intact and damaged paint to determine if the paint would be considered a lead hazard if separated from the substrate and to determine OSHA requirements and notifications.

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**.

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/cm²) 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

Fourteen (14) asbestos samples were collected for laboratory analysis. 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

SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION/ HOMOGENEOUS AREA	NESHAP / OSHA CATEGORIES	% ASBESTOS	ESTIMATED QUANTITY
01-1	Ceramic Floor Tile	Kitchen	NA	Ceramic Floor Tile: ND Residual Mastic: ND	NA
02-2	Tan Sheet Flooring	Area 1	NA	Vinyl Sheet Flooring: ND Backing: ND Leveling Compound: ND Vinyl Floor Tile: ND	NA
03-3	Orange Sheet Flooring	Area 1	NA	Vinyl Sheet Flooring: ND Backing: ND Leveling Compound: ND	NA
04-4	12x12 Grey Floor Tile / Mastic	Class Room	CAT I NF Class II	Vinyl Floor Tile: ND Mastic: 5% CH	136 SF See scope of work
05-5	Carpet/ Mastic	Class Room	CAT I NF Class II	Carpet: ND Mastic: 6% CH	120 SF See scope of work
06-6	Tan Base Cove/Mastic	Class Room	NA	Base Cove: ND Mastic (White): ND	NA
07-7	Concrete	Exterior stairs	NA	Concrete: ND	NA
08-8	Window Putty	Windows	NA	Putty: ND Gray Paint: ND	NA
09-9	Ceiling Tile	Area 1	NA	Ceiling Tile: ND Coating (White): ND	NA
10-10	Wall Tile	Gym	NA	Wall Tile: ND Coating (White): ND	NA
11-11	Mastic Behind Wall Panel	Gym	NA	Mastic: ND	NA
12-12 12-13 12-14	Stucco	Exterior	NA	Stucco: 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.

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 on the handrail, exterior windows and window putty are determined to be lead-based. The laboratory results are summarized below:

Table 2 – Lead

Sample #	Description and Location	Results
P1	Blue Paint in Wood – Gym	490 ppm
P2	Brown Paint on Wood – Class Room	540 ppm
P3	White Paint on Wood Door – Area 1	630 ppm
P4	White Paint on Wood Walls – Area 1	330 ppm
P5	Tan Paint on Wood Walls – Area 1	<74 ppm
P6	White Paint on Wood Walls – Kitchen	990 ppm
P7	Green Paint on Wood Stairs – Exterior	<81 ppm
P8	Green Paint on Concrete – Exterior	<82 ppm
P9	Green Paint on Handrail – Exterior	7,800 ppm
P10	Brown Paint on Window – Exterior	13,000 ppm
P11	White Paint on Window – Exterior	1,000 ppm
P12	Window Putty – Exterior	11,000 ppm
P13	Brown Paint on Wood Door - Gym	1,400 ppm

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

A lead notification to Cal-OSHA is required 24 hours prior to removing lead-based paint when disturbing 100 square or linear feet or greater. When the lead-based paint identified in this report will be disturbed through maintenance or demolition activities, the contractor must comply with the EPA and CDPH regulations that require containment of lead hazards so as not to create lead contamination and exposure to bystanders or the environment.

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

Please see the available plans for the quantity of material included in the scope of work.

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

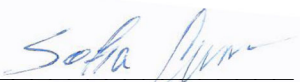
The following personnel were responsible for this survey. We (I) certify that information contained herein was collected on the dates recorded and the site described in this report.



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



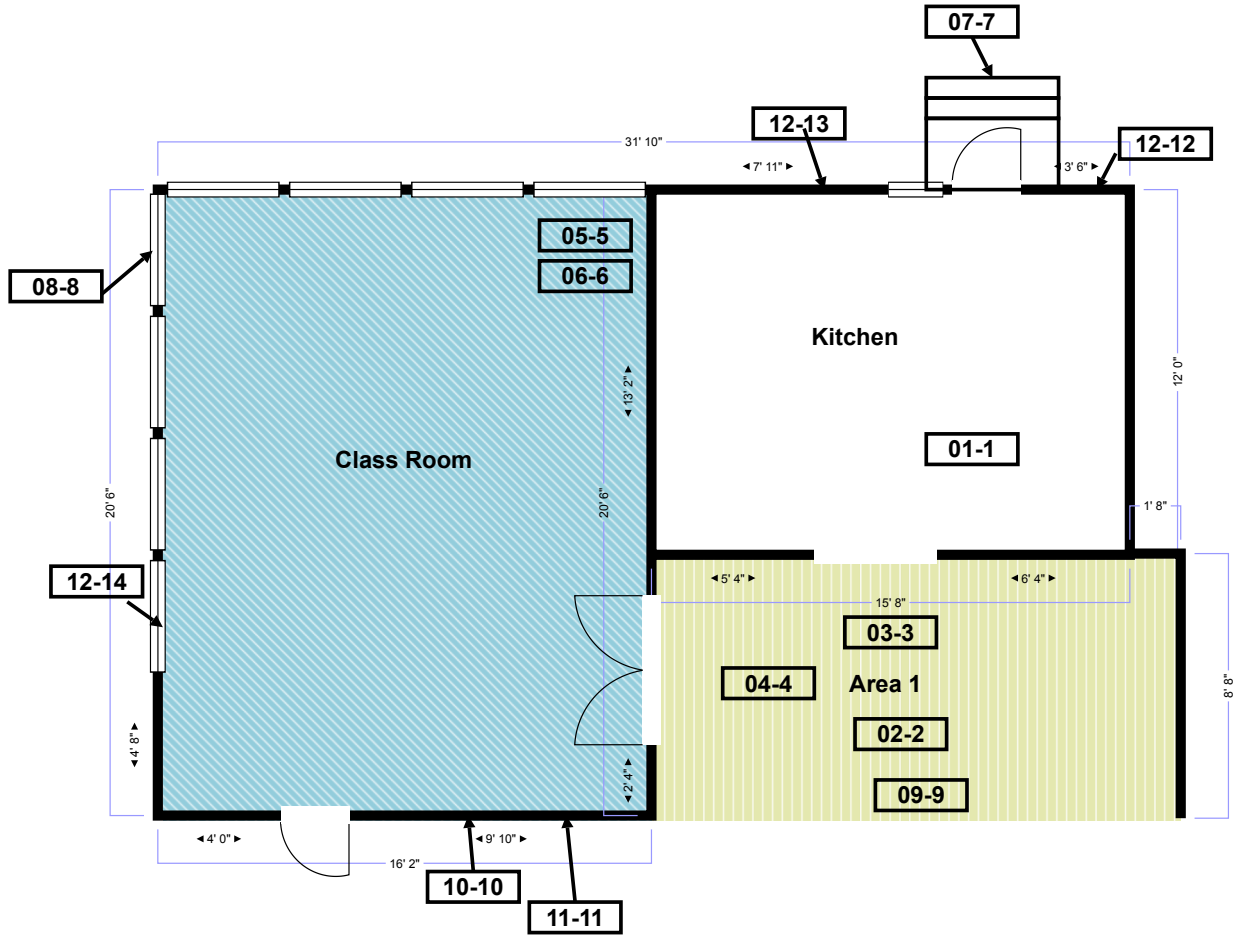
David Kummer, CSST # 08-4363
Certified Site Surveillance Technician
Expires 6/19/2022
CDPH Lead Sampling Technician # 20699
LRC 000073343
Expires 10/27/2022



Sofia Corona Kummer, CSST # 16-5684
Certified Site Surveillance Technician
Expiration Date: 8/17/2022
CDPH Lead Certification# 13599
Expiration Date: 1/20/2023

SAMPLE LOCATION MAP

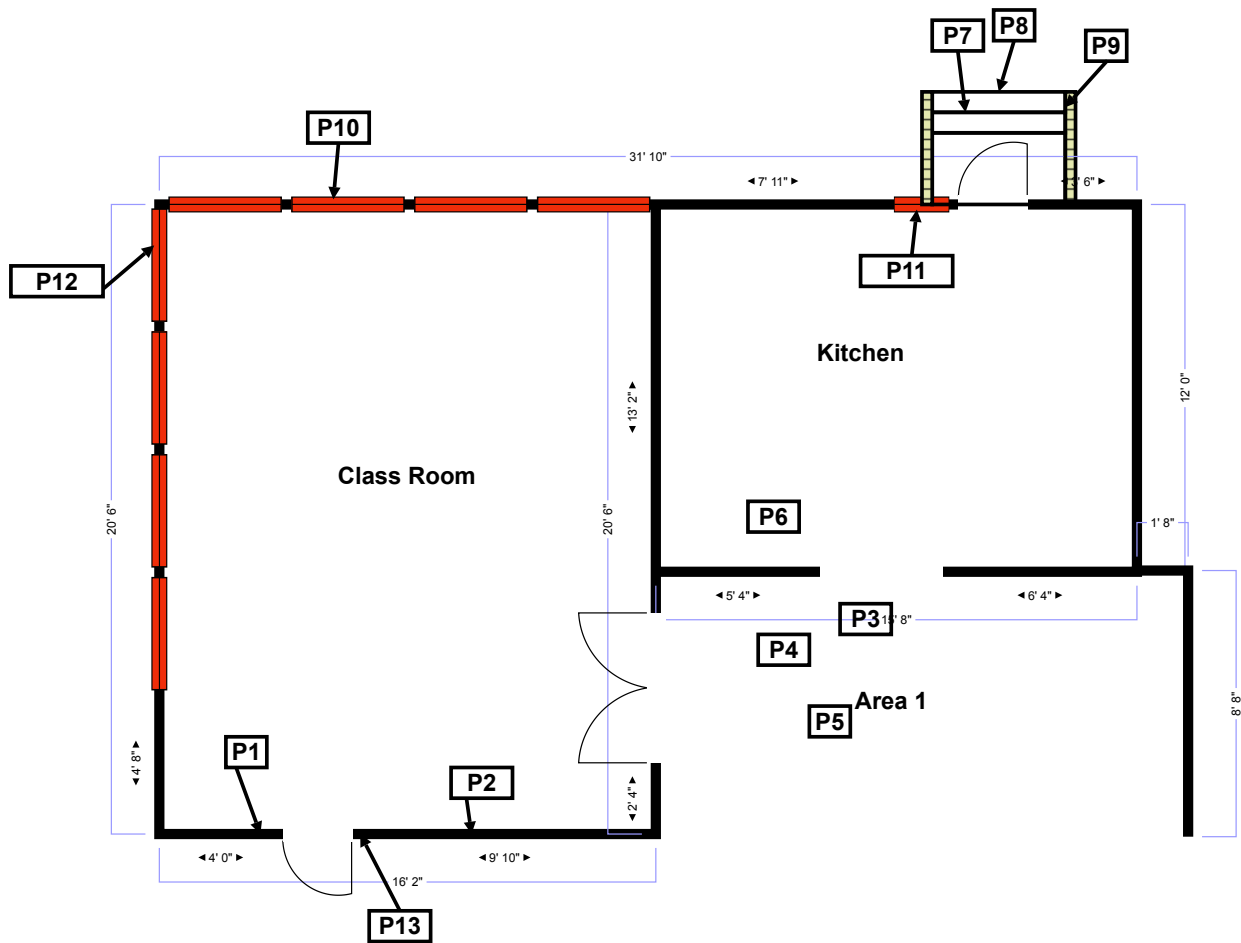
ASBESTOS




- Carpet Mastic- Mastic: 8% CH
- 12x12 Floor Tile/ Mastic - Mastic: 5% CH

Asbestos Plan
 225 Amador Street
 Vallejo, California

LEAD

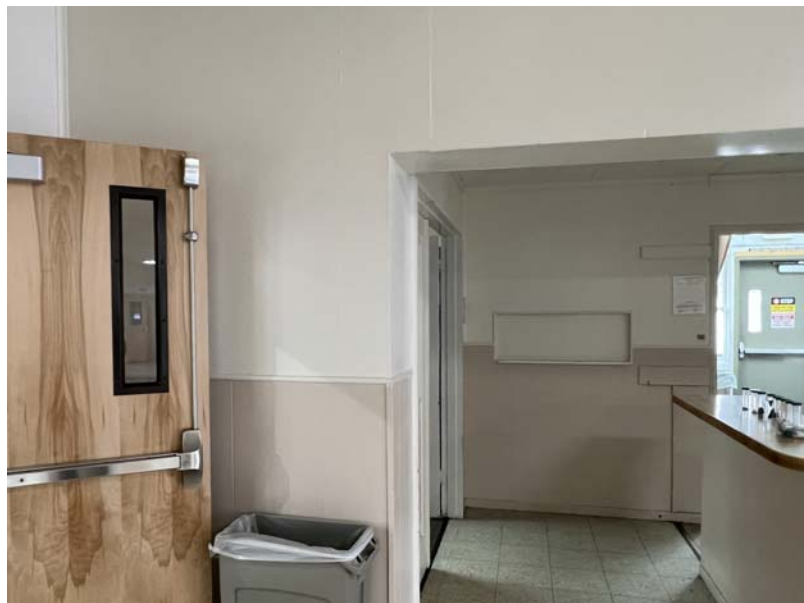
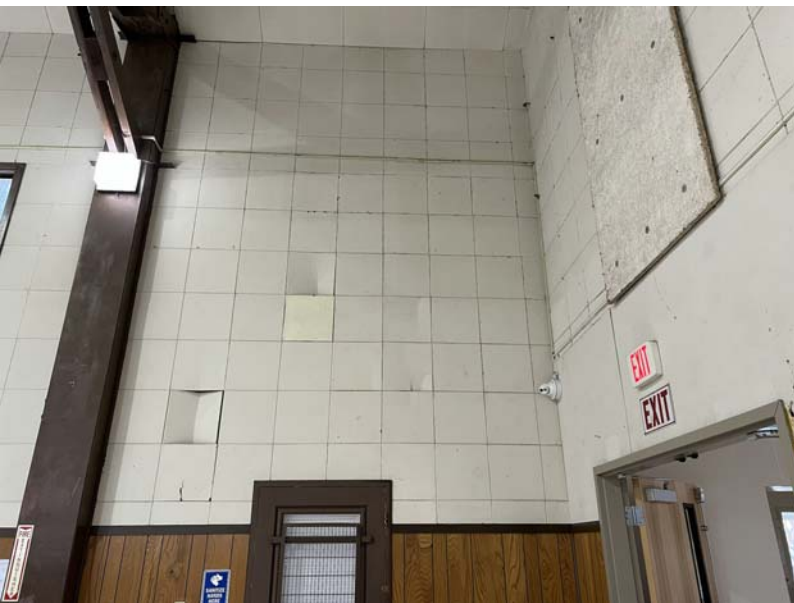


 Brown Paint on Windows - 13,000 ppm; Window Putty- 11,000 ppm

 Green Paint on Handrail - 7,800 ppm

Lead Plan
 225 Amador Street
 Vallejo, California

PHOTOGRAPHS





LABORATORY RESULTS

ASBESTOS

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:
**225 AMADOR ST.
VALLEJO, CA**

Micro Log In **288289**
Total Samples 15
Date Sampled 01/18/2022
Date Received 01/18/2022
Date Analyzed 01/18/2022

SAMPLE IDENTIFICATION	ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS <small>If absent, ND Is Reported (No Asbestos Detected)</small>	DOMINANT OTHER MATERIALS
Client #: 01-1 Micro #: 288289-01 Analyst: GDS CERAMIC FLOOR TILE	CERAMIC FLOOR TILE: ND RESIDUAL MASTIC: ND	10 % CELLULOSE NFM: BINDER, OTHER, MISCELLANEOUS.
Client #: 02-2 Micro #: 288289-02A Analyst: GDS BK TAN SHEET FLOORING <i>LAB NOTE: VINYL SHEET FLOORING</i>	VINYL SHEET FLOORING: ND BACKING: ND LEVELING COMPOUND: ND	15 % CELLULOSE NFM: "GYPSUM" (CALCIUM SULFATE) BINDER
Client #: 02-2 Micro #: 288289-02B Analyst: BK TAN SHEET FLOORING <i>LAB NOTE: VINYL FLOOR TILE</i>	VINYL FLOOR TILE: ND	NFM: SYNTHETIC MATERIAL, CARBONATE
Client #: 03-3 Micro #: 288289-03 Analyst: GDS ORANGE SHEET FLOORING	VINYL SHEET FLOORING: ND BACKING: ND LEVELING COMPOUND: ND	15 % CELLULOSE NFM: "GYPSUM" (CALCIUM SULFATE) BINDER
Client #: 04-4 Micro #: 288289-04 Analyst: GDS BK 12 X12 GREY VFT / MASTIC	VFT (GRAY) : ND MASTIC: 5% CHRYSOTILE ASBESTOS	25 % CELLULOSE NFM: BINDER, OTHER, MISCELLANEOUS.

Technical Supervisor:

Baojia Ke, Ph.D.

1/18/2022

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:
**225 AMADOR ST.
VALLEJO, CA**

Micro Log In **288289**
Total Samples 15
Date Sampled 01/18/2022
Date Received 01/18/2022
Date Analyzed 01/18/2022

SAMPLE IDENTIFICATION	ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS <small>If absent, ND is Reported (No Asbestos Detected)</small>	DOMINANT OTHER MATERIALS
Client #: 05-5 Micro #: 288289-05 Analyst: GDS CARPET / MASTIC	CARPET: ND MASTIC: 6% CHRYSOTILE ASBESTOS	3 % CELLULOSE NFM: BINDER, OTHER, MISCELLANEOUS.
Client #: 06-6 Micro #: 288289-06 Analyst: GDS TAN BASE COVE / MASTIC	BASE COVE: ND MASTIC (WHITE) : ND	NFM: BINDER, OTHER, MISCELLANEOUS.
Client #: 07-7 Micro #: 288289-07 Analyst: GDS CONCRETE	CONCRETE: ND	NFM: ROCK FRAGMENTS
Client #: 08-8 Micro #: 288289-08 Analyst: GDS BK WINDOW PUTTY	PUTTY: ND GRAY PAINT: ND	5 % CELLULOSE NFM: CARBONATE, MISC. PARTICLES
Client #: 09-9 Micro #: 288289-09 Analyst: GDS CEILING TILE	CEILING TILE: ND COATING (WHITE): ND	15 % CELLULOSE NFM: BINDER, OTHER, MISCELLANEOUS.

Technical Supervisor: 

Baojia Ke, Ph.D.

1/18/2022

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:
225 AMADOR ST.
VALLEJO, CA

Micro Log In **288289**
 Total Samples 15
 Date Sampled 01/18/2022
 Date Received 01/18/2022
 Date Analyzed 01/18/2022

SAMPLE IDENTIFICATION		ASBESTOS QUANTITY (AREA %) / TYPES / LAYERS	DOMINANT OTHER MATERIALS
If absent, ND is Reported (No Asbestos Detected)			
Client #:	10-10	WALL TILE: ND COATING (WHITE): ND	15 % CELLULOSE
Micro #: 288289-10	Analyst: GDS WALL TILE		NFM: BINDER, OTHER, MISCELLANEOUS.
Client #:	11-11	MASTIC: ND	1 % CELLULOSE
Micro #: 288289-11	Analyst: GDS MASTIC BEHIND WALL PANEL		NFM: BINDER, OTHER, MISCELLANEOUS.
Client #:	12-12	STUCCO: ND	
Micro #: 288289-12	Analyst: GDS STUCCO		NFM: ROCK FRAGMENTS
Client #:	12-13	STUCCO: ND	
Micro #: 288289-13	Analyst: GDS STUCCO		NFM: ROCK FRAGMENTS
Client #:	12-14	STUCCO: ND	
Micro #: 288289-14	Analyst: GDS STUCCO		NFM: ROCK FRAGMENTS

Technical Supervisor:

Baojia Ke, Ph.D.

1/18/2022

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 wendylplank@shcglobal.net

MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 298789

Project
 225 Amador St
 Vallejo, CA
 PM#

Asbestos (TEM) AHERA Yamata 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-D-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
1	01-1	Ceramic Floor Tile	1/18/22	:	:		
2	02-2	Tan Sheet Flooring		:	:		
3	03-3	Orange Tan Sheet Flooring		:	:		
4	04-4	12x12 Grey VFT / Mastic		:	:		
5	05-5	Carpet / Mastic		:	:		
6	06-6	Tan Base Coat / Mastic		:	:		
7	07-7	Concrete		:	:		
8	08-8	Window Putty		:	:		
9	09-9	Ceiling Tile		:	:		
10	10-10	Wall Tile		:	:		

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 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 1/18/22 @ 12:09

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 # 288789

Project
 225 Amador St
 Valley, 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 # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
11	11-11	Mastic Behind Wall Panel	1/18/22	:	:		
12	12-12	Stucco		:	:		
13	12-13	Stucco		:	:		
14	12-14	Stucco		:	:		
				:	:		
				:	:		
				:	:		
				:	:		
				:	:		
				:	:		

stop at first 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 Sofia Kummer Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By _____ Date / Time _____ Drop Box / Courier PT Received By _____ Date / Time 1/18/22 @ 12:09

Relinquished By _____ Date / Time _____ Received By _____ Date / Time _____

LEAD

MICRO ANALYTICAL LABORATORIES, INC.**LEAD IN PAINT - FLAME AAS (SW846)**

1048

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

PROJECT:
 225 AMADOR ST.
 VALLEJO, CA

Micro Log In **288290**
 Total Samples 13
 Date Sampled 01/18/2022
 Date Received 01/18/2022
 Date Analyzed 01/19/2022

Sample ID	Weight Percent	mg/kg (ppm)	RD L
Client: <input type="text"/> P1 Lab: 288290-01 <input type="text"/> BLUE PAINT ON WOOD	0.049 %	490	0.0067 % 67 mg/kg
Client: <input type="text"/> P2 Lab: 288290-02 <input type="text"/> BROWN PAINT ON WOOD	0.054 %	540	0.0073 % 73 mg/kg
Client: <input type="text"/> P3 Lab: 288290-03 <input type="text"/> WHITE PAINT ON WOOD DOORS	0.063 %	630	0.0079 % 79 mg/kg
Client: <input type="text"/> P4 Lab: 288290-04 <input type="text"/> WHITE PAINT ON WOOD WALLS	0.033 %	330	0.0074 % 74 mg/kg
Client: <input type="text"/> P5 Lab: 288290-05 <input type="text"/> TAN PAINT ON WOOD WALLS	< 0.0074 %	< 74	0.0074 % 74 mg/kg

Technical Supervisor: Long T. Nguyen, Chemistry Supervisor 1/19/2022 Date Reported Analyst: TLN

AIHA-LAP, LLC Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS) using SOP 23-Paint. This SOP is based on U.S. EPA SW-846 Method 7420 for instrumental analysis, and on ASTM E-1645-16 for nitric acid and hydrogen peroxide digestion. 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. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. If the amount of sample available for analysis is lower than advisable for this method, detection limits and uncertainty will be higher. This report must not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable. RDL = Report Detection Limit.

MICRO ANALYTICAL LABORATORIES, INC.

LEAD IN PAINT - FLAME AAS (SW846)



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

PROJECT:
225 AMADOR ST.
VALLEJO, CA

Micro Log In 288290
Total Samples 13
Date Sampled 01/18/2022
Date Received 01/18/2022
Date Analyzed 01/19/2022

Lead Concentration

Sample ID	Weight Percent	mg/kg (ppm)	RDL
Client: <input type="text"/> P6 Lab: 288290-06 <input type="text"/> WHITE KITCHEN PAINT ON WOOD WALL	0.099 %	990	0.0066 % 66 mg/kg
Client: <input type="text"/> P7 Lab: 288290-07 <input type="text"/> GREEN PAINT ON WOOD STAIRS	< 0.0081 %	< 81	0.0081 % 81 mg/kg
Client: <input type="text"/> P8 Lab: 288290-08 <input type="text"/> GREEN PAINT ON CONCRETE	< 0.0082 %	< 82	0.0082 % 82 mg/kg
Client: <input type="text"/> P9 Lab: 288290-09 <input type="text"/> GREEN PAINT ON HAND RAIL	0.78 %	7800	0.0780 % 780 mg/kg
Client: <input type="text"/> P10 Lab: 288290-10 <input type="text"/> BROWN PAINT ON WINDOW	1.3 %	13000	0.0800 % 800 mg/kg

Technical Supervisor: Long T. Nguyen, Chemistry Supervisor 1/19/2022 Date Reported Analyst: TLN

AIHA-LAP, LLC Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS) using SOP 23-Paint. This SOP is based on U.S. EPA SW-846 Method 7420 for instrumental analysis, and on ASTM E-1645-16 for nitric acid and hydrogen peroxide digestion. 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. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. If the amount of sample available for analysis is lower than advisable for this method, detection limits and uncertainty will be higher. This report must not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable. RDL = Report Detection Limit.

MICRO ANALYTICAL LABORATORIES, INC.**LEAD IN PAINT - FLAME AAS (SW846)**

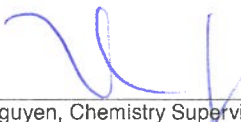
1048
Wendy Plank
American Compliance Services
554 Morning Glory Drive
Benicia, CA 94510

PROJECT:
225 AMADOR ST.
VALLEJO, CA

Micro Log In **288290**
Total Samples 13
Date Sampled 01/18/2022
Date Received 01/18/2022
Date Analyzed 01/19/2022

Lead Concentration

Sample ID	Weight Percent	mg/kg (ppm)	RDL
Client: <input type="text"/> P11 Lab: 288290-11 <input type="text"/> WHITE PAINT ON WINDOW	0.11 %	1100	0.0068 % 68 mg/kg
Client: <input type="text"/> P12 Lab: 288290-12 <input type="text"/> WINDOW PUTTY	1.1 %	11000	0.0770 % 770 mg/kg
Client: <input type="text"/> P13 Lab: 288290-13 <input type="text"/> BROWN PAINT ON WOOD DOOR	0.14 %	1400	0.0078 % 78 mg/kg

Technical Supervisor:  1/19/2022
Long T. Nguyen, Chemistry Supervisor Date Reported

Analyst: TLN

AIHA-LAP, LLC Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS) using SOP 23-Paint. This SOP is based on U.S. EPA SW-846 Method 7420 for instrumental analysis, and on ASTM E-1645-16 for nitric acid and hydrogen peroxide digestion. 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. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. If the amount of sample available for analysis is lower than advisable for this method, detection limits and uncertainty will be higher. This report must not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable. RDL = Report Detection Limit.

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@shcglobal.net

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

Log in # **288290**

Project
 225 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 # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
1	P1	Blue Paint on Wood	1/18/22	: : :			
2	P2	Brown Paint on Wood		: : :			
3	P3	White Paint on Wood Doors		: : :			
4	P4	White Paint on wood walls		: : :			
5	P5	Tan Paint on wood walls Kitchen		: : :			
6	P6	White Paint on wood wall		: : :			
7	P7	Green Paint on wood stairs		: : :			
8	P8	Green Paint on concrete		: : :			
9	P9	Green Paint on Handrail		: : :			
10	P10	Brown Paint on window		: : :			

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).

Sofia Kummer
 Sampler's Signature / Name
 Note to Lab: If any samples are not acceptable, record reasons for rejection.
 Drop Box / Courier P-T 1/18/22 @ 12:09
 Relinquished By Date / Time Received By 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@shcglobal.net

MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 288290

Project
 225 Amador St
 Vallejo, CA
 PM#

Asbestos (TEM) AHERA Yamato 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
11	P11	White Paint on window	1/18/22	:	:		
12	P12	Window Putty		:	:		
13	P13	Brown Paint on wood Door		:	:		
				:	:		
				:	:		
				:	:		
				:	:		
				:	:		
				:	:		
				:	:		

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

Relinquished By _____ Date / Time _____ Drop Box / Courier PIT Received By _____ Date / Time 1/18/22 @ 12:09

Relinquished By _____ Date / Time _____ Received By _____ Date / Time _____

CODES AND REGULATIONS

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
29 CFR 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>U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)</u>	Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

UNDERWRITERS LABORATORIES INC. (UL)

UL 586 1990 High-Efficiency Particulate Air

LEAD EVALUATION REPORT

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation January 18, 2012

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

Lead Inspection
 Risk assessment
 Clearance Inspection
 Other (specify) Limited Lead Inspection

Section 3 – Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] 225 Amador Street	City Vallejo	County Solano	Zip Code 94590
Construction date (year) of structure _____	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other <u>Rec Center</u>	Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

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

Name Greater Vallejo Recreation District	Telephone number (707) 648-4632		
Address [number, street, apartment (if applicable)] 395 Amador Street	City Vallejo	State CA	Zip Code 94590

Section 5 – Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected
 Intact lead-based paint detected
 Deteriorated lead-based paint detected
 No lead hazards detected
 Lead-contaminated dust found
 Lead-contaminated soil found
 Other _____

Section 6 – Individual Conducting Lead Hazard Evaluation

Name end Davi	Telephone number 707-745-1137		
Address [number, street, apartment (if applicable)] 554 Morning Glory Dr	City Benicia	State CA	Zip Code 94510
CDPH certification number 777	Signature	Date	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

David Kummer - LRC-00007343 Sofia Kummer - LRC-00007766

Section 7 – Attachments

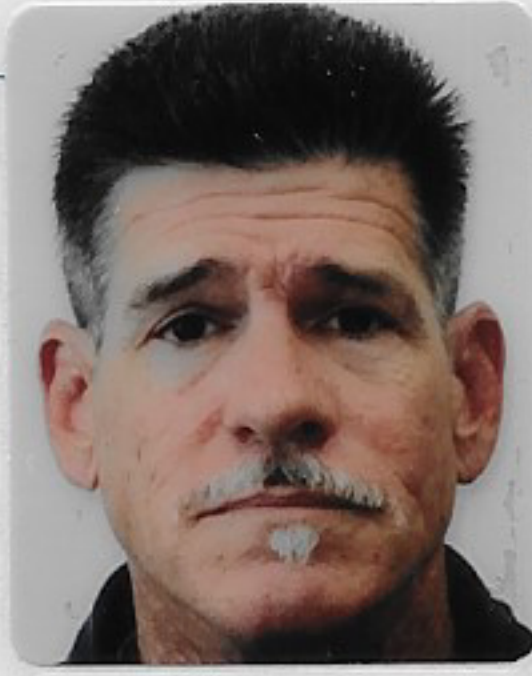
- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory 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:
 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656

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:

10/27/2022

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 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:

1/20/2023

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

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 or calling (800) 597-LEAD.

Project: _____

Type: _____

Quantity: _____



The PLB-AC Series high efficiency LED bollard is ideal for pathway, egress and public space lighting applications. The stylish, contemporary design makes it a perfect fit for any new construction, renovation, or retrofit project that requires exceptional, full cutoff lighting performance with maximum energy savings.

With high performance LED technology and optics, the PLB-AC Series offers significant benefits:

- High efficacy and ultra-low power consumption
- Asymmetrical and symmetrical light distributions
- Full cutoff optical performance
- Maintenance free with no bulbs or ballasts to change
- Robust, vandal resistant design
- Available in Amber Turtle option

PLB-AC is part of the PLB series LED bollard family and is a compliment to the solar powered PLB version. The PLB-AC is a great solution for areas where wired power exists or site conditions don't allow for a solar powered bollard (i.e. the shaded side of a building, or under dense tree cover).

TECHNICAL SPECIFICATIONS

LEDs & Optics:

- High output Cree LEDs
- Warm White (3000K), Neutral White (4000K), and Amber (595nm) LEDs available
- High efficiency Type 3 and 5 optical distributions
- All distributions full cutoff
- CRI > 70
- Greater than 100,000 hours L70 lifetime LEDs
- 740 lumens for Type 3 Optic
- 1200 lumens for Type 5 Optic
- Wildlife-friendly amber option available

Mechanical Construction:

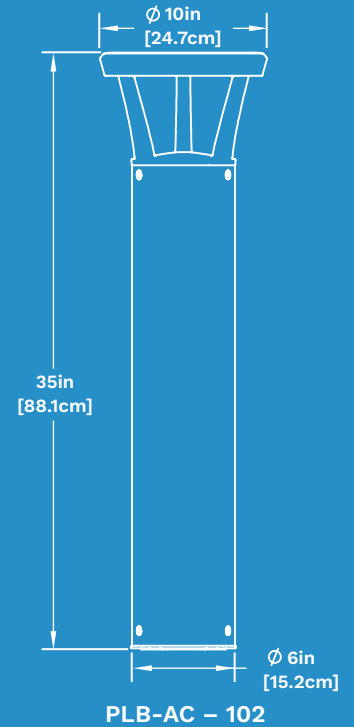
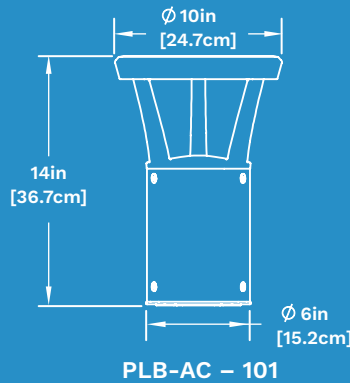
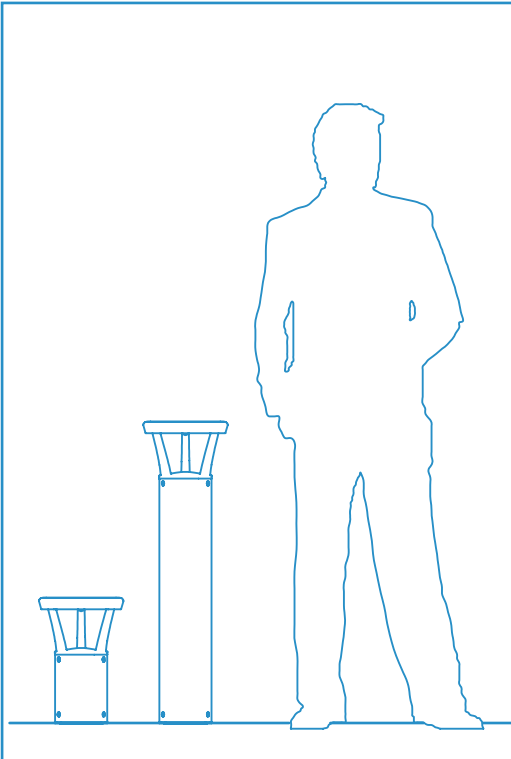
- Cast, marine-grade, corrosion resistant aluminum housing
- Extruded marine-grade aluminum post
- High-strength mounting base
- Stainless fasteners with security feature option
- Architectural grade, super durable, TGIC powder coat
- IP67 Protection
- Four standard colors with custom colors available

Driver:

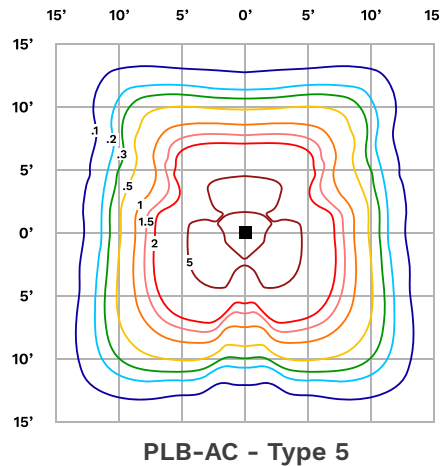
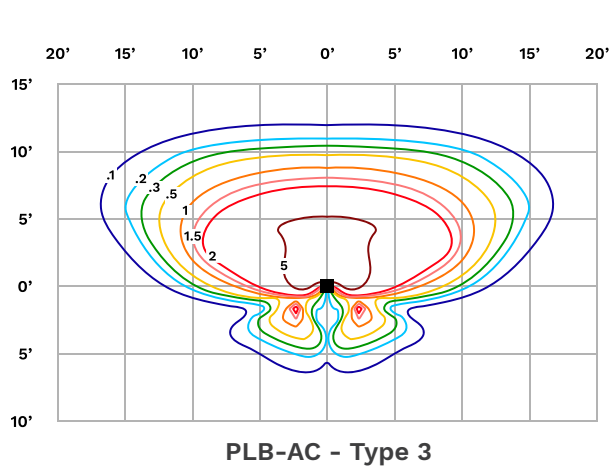
- 10W power consumption
- >0.98 power factor at full load
- 110 ~ 277 VAC, 47 ~ 63Hz input range
- OCP, SCP, OVP protection, auto recovery
- AC Phase - trailing-edge dimming compatible
- >100,000 hour MTBF

Warranty & Certification:

- 5 year limited warranty
- CSA C22.2 No. 250.0-08 - ANSI/ UL Standard 1598
- ANSI/ UL Standard 8750
- CSA C22.2 No. 250.13-14
- LED Lighting Facts Verification Tested
- DLC listed



PHOTOMETRICS (IES files available on website)



Notes:

- Photometrics based on PLB 102 mounting height
- All light levels in foot candles (fc) with 4000K color temperature
- To convert to lux multiply light level by 10.7
- Contact us for help in choosing the right lighting distribution
- Specifications subject to change without notice

ORDER MATRIX



Series	Height	Finish	Distribution	LED	Voltage	Options
PLBAC	101 - 14"	BK - Black	ASM - Type 3	WW - 3000K	UV7 - Universal Voltage (700mA)	SEC - Security Fasteners
	102 - 36"	BZ - Bronze	SYM - Type 5	NW - 4000K		PA - Pre-Ship Anchor Bolts
		SV - Silver		AMB - Amber	BLS - Backlight Shield	
		WH - White				
		CC - Custom				