

September 12, 2024

Prepared for:

California State University Los Angeles 5151 State University Dr. Los Angeles, CA 90032

Attn: Mrs. Barbara Queen

Re: Asbestos Indoor Air Quality Assessment

California State University Los Angeles

King Hall

5151 State University Dr. Los Angeles, CA 90032

INTRODUCTION

At the request of CSULA, Terra Environmental Services conducted an Asbestos Indoor Air Quality Assessment at CSULA King Hall and Administration Buildings. Terra Environmental Services performed the Asbestos Assessment on August 8, September 4 and 6, 2024.

The purpose of Asbestos Assessment was to address employee concerns about the potential presence of asbestos fibers present in the settled dust and Airborne fibers in King Hall Rooms A4025, A4026, A4027, A4028 and C4030 and Administration Building Rooms 606, 606B and 609.

SCOPE OF WORK

The Asbestos Assessment consisted of a visual inspection, collection of settled dust surface samples (dust wipe) and PCM air samples at KH Rooms A4025, A4026, A4027, A4028 and C4030 and Administration Building Rooms 606, 606B and 609. The wipe samples were collected at random selected areas at each room. The PCM ambient air sampling was conducted in general accordance with NIOSH 7400 METHOD air samples from the KH and Administration Buildings. The air samples were collected at each room. There are known asbestos floor tiles in KH Rooms A4025 and C4030 and Administration Building Rooms 606, 606B and 609 the asbestos floor tiles are in Intact condition.



BACKGROUND AND FIELD WORK

BACKGROUND.

- There was a water intrusion incident at King Hall Wing A roof, rainwater leaked into room A4027 and a few of the known ACM floor tiles along the N wall were impacted by the water intrusion, the tiles remained in intact condition.
- As result of this water intrusion event, the ACM floor tiles and mastic were removed from Rooms A4026, A4027 and A4028 per SCAQMD Rule 1403 and DOSH Title 8 Section 1529 Asbestos regulations, by a CA DOSH Certified Asbestos abatement contractor.
- Prior to ACM Floor tile abatement, the contents of rooms A4026, A4027 and A4028 were stored in Administration Building Room 606B. The Administration building has been unoccupied for three years and is securely locked to the public.
- At the conclusion of abatement activities at Rooms A4026, A4027 and A4028, Terra collected TEM samples inside work areas, TEM laboratory results met the Clearance criteria of <70 structures per cm².
- Environmental Air testing was conducted at KH on August 14, 2024, by Terra Environmental, Laboratory analysis of the ambient air samples by NIOSH 7400 Method revealed fiber concentrations below EPA 0.01 f/cc limits.

FIELD WORK

- August 30, 2024: Settled dust Wipe sample collection at King Hall room A4027 contents.
 ASTM D6480 Method. Asbestos (Chrysotile) structures detected on all wipe samples.
- September 4, 2024: Reference Settled dust Wipe samples collected at KH rooms A4026 and A4028. Chrysotile (Asbestos) structures were detected in Room A4026. No asbestos was detected in KH room A4028. Ambient air samples collected at KH Rooms A4026, A4027 and A4028. Airborne fibers below EPA Limits of 0.01 fibers per cubic centimeter (f/cc) by PCM analysis per NIOSH 7400 Method.
 - Settled dust samples collected at Administration Building room 606B and contents path of travel. Contents of rooms A4026, A4027 and A4028 were stored in this room during abatement activities. Asbestos (Chrysotile) were structures detected on all wipe samples. September 4, 2024: Ambient air samples collected Administration Building Rm 606B. Airborne fibers below EPA Limits of 0.01 fibers per cubic centimeter (f/cc) by PCM analysis per NIOSH 7400 Method
- September 6, 2024: Control Settled dust Wipe samples collected at KH rooms A4025 and C4030. Asbestos (Chrysotile) structures detected at both Rooms. Ambient air samples collected at KH Rooms A4025 and C4030. Airborne fibers below EPA Limits of 0.01 fibers per cubic centimeter (f/cc) by PCM analysis per NIOSH 7400 Method.
- September 6, 2024: Control Settled dust Wipe samples collected at Administration Building rooms 606B and 609. (Chrysotile) structures detected at both Rooms. Ambient air samples were collected in Rooms 606B and 609. Airborne fibers below EPA Limits of 0.01 fibers per cubic centimeter (f/cc) by PCM analysis per NIOSH 7400 Method.



 Additional Settled dust Wipe samples were collected at KH Room A4027; Asbestos (Chrysotile) structures detected.

Sampling methodology, sampling procedures and Laboratory

TERRA performed both visual and analytical inspections to ensure that airborne asbestos levels are within the EPA asbestos fiber criteria for general occupancy. The asbestos Inspection and Assessment was performed by Mr. Israel Monsalvo, a California Division of Occupational Safety and Health (DOSH), Certified Asbestos Consultant (#04-3551) and Sebastian Monsalvo, AHERA Certified Asbestos Building Inspector.

Air Samples

<u>Airborne Asbestos</u>: Phase Contrast Microscopy (PCM) is widely used to measure fiber concentrations of air samples. This is routinely performed at asbestos abatement sites and is applied for environmental monitoring, personnel monitoring, and clearance testing for abatement projects. The EPA Clearance for asbestos is 0.01 fibers per cubic centimeter (0.01 f/cc).

<u>Procedures:</u> Monitoring the environment for airborne asbestos requires the use of sensitive sampling and analysis procedures. The PCM samples are collected on a 25-mm three-piece cassette with ca. 50 mm electrically conductive extension cowl, cellulose ester membrane filter, 0.8 µm pore size with a portable sampling pump calibrated between 0.5 to 16 liters per minute. Terra Environmental representative calibrated the sampling pump to 15.8 LPM at the beginning and end of the sampling procedure.

<u>Laboratory:</u> The PCM samples were transferred following proper chain of custody protocol to LA Testing located at 520 Mission Street, South Pasadena, CA 91030, for analysis. The samples were analyzed by Phase Contrast Microscopy (PCM) NIOSH 7400 Method.

AIR SAMPLE RESULTS

Table #1 – Administration Building Room 606 September 4, 2024

Sample No	Location	Results	EPA Limits < 0.01 f/cc
AB606-1	Room 606 West	<0.0021 F/cc	PASS
AB606-2	Room 606 East	<0.0021 F/cc	PASS
AB-H3	Hallway	<0.0021 F/cc	PASS
AB-B-4	Field blank	LOD	
AB-B-5	Sealed blank	LOD	



Table #2 – King Hall Rooms 4026, 4027 and 4028 September 4, 2024

Sample No	Location	Results	EPA Limits < 0.01 f/cc
4026-1	Room KH A4026	<0.0021 F/cc	PASS
4026-2	Room KH A4026	<0.0021 F/cc	PASS
4027-3	Room KH A4027	0.0027 F/cc	PASS
4027-4	Room KH A4028	<0.0021 F/cc	PASS
4028-5	Room KH A4028	<0.0021 F/cc	PASS
KHA-06	Field blank	LOD	
KHA-07	Sealed blank	LOD	

Table #3 – Administration Building Rm 606A September 6, 2024

Sample No	Location	Results	EPA Limits < 0.01 f/cc
606A-01	Rm. 606A -	<0.0021 F/cc	PASS
606A-02	Rm. 606A -	<0.0021 F/cc	PASS
609-01	Rm. 609 -	<0.0021 F/cc	PASS
609-02	Rm. 609 -	<0.0021 F/cc	PASS
606H-01	Rm. 606 - Hallway	<0.0021 F/cc	PASS
606-06	Field blank	LOD	
606-07	Sealed blank	LOD	

Table #4 – KH Rooms A4025 and C4030 September 6, 2024

Sample No	Location	Results	EPA Limits < 0.01 f/cc
4025-1	Room A4025 – N	<0.0021 F/cc	PASS
4025-2	Room A4025 – W	<0.0022 F/cc	PASS
4025-3	Room A4030 – N	<0.0022 F/cc	PASS
4025-4	Room A4030 - S	<0.0022 F/cc	PASS
KH-5	Field blank	LOD	
KH-6	Sealed blank	LOD	



The PCM sample analysis by NIOSH 7400 METHOD, revealed fiber concentrations below 0.01 F/CC. (40 CFR Part 763, Subpart E, of the *Asbestos in Schools Rule*, issued by the U.S. Environmental Protection Agency (EPA)).

Asbestos Settled Dust Samples

<u>Asbestos Settled Dust:</u> Studies have shown that normal activity in buildings with known ACM led to the release of the fibrous mineral from its building material matrix. Ambient or existing conditions settled dust sampling in buildings is performed to the presence of asbestos on the surface dust.

<u>Procedures</u>: Two commonly used ASTM methods are available for sampling settled dust for asbestos analysis: ASTM D5755 (Micro-vacuum Method) and ASTM D6480 1 (Wipe Method). These methods are used to sample and analyze settled dust from a given area. Results are provided in structures per square centimeter (Str/cm 2) regardless of the unit of measure used to sample. The surface dust wipe is taken on a 10x10 cm surface area as recommended; Terra collected the wipe samples in general accordance with ASTM D6480 3 on a 929 cm 2 (1'x1') surface.

<u>Laboratory:</u> The Qualitative Asbestos Wipe Samples were transferred following proper chain of custody protocol to LA Testing, located at 520 Mission Street in South Pasadena, California, for analysis. LA Testing is an accredited laboratory for asbestos analysis under the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Certification Number 200232-0) Telephone # (323) 254-9960.

Terra Environmental collected six (6) Surface Settle Dust Wipe samples at each selected room in KH and Administration Buildings. The sample analysis results revealed the following.

Table #5 – KH Rm A4027 August 30, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
AW-01	Rm. A4027 – Bookshelf – C2	Chrysotile	<404
AW-02	Rm. A4027 – Box #2 #5	Chrysotile	<404
AW-03	Rm. A4027 – Box #2 #08	Chrysotile	<404
AW-04	Rm. A4027 – KT Cabinet Top draw	None Detected	<404
AW-05	Rm. A4027 – Typewriter	Chrysotile	<771
AW-06	Rm. A4027 – Box #2 #6-7	Chrysotile	<771



Table #6 – KH Rm A4026 September 4, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
4026–W-01	Rm. A4026 – Book Shelf (S)	None Detected	<407
4026-W-02	Rm. A4026 – Book Shelf (N)	Chrysotile	408
4026-W-03	Rm. A4026 - Desk	None Detected	<777
4026-W-04	Rm. A4026 – Book Shelf NE	Chrysotile	<407
4026-W-05	Rm. A4026 – File Cabinet	None Detected	<407
4026-W-06	Rm. A4026 - Printer	None Detected	<407

Table #7 – KH Rm A4028 September 4, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
4028-W-01	Rm. A4028 – Book Shelf (N)	None Detected	<777
4028-W-02	Rm. A4028 – Book Box (S)	None Detected	<777
4028-W-03	Rm. A4028 – File Cabinet	None Detected	<407
4028-W-04	Rm. A4028 – Book Box (N4)	None Detected	<407
4028-W-05	Rm. A4028 - Couch	None Detected	<777
4028-W-06	Rm. A4028 - Printer	None Detected	<777



Table #8 -Administration Bldg. Room 606B September 4, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
AB-606-1	Room 606B - Chair Rail	Chrysotile	1140
AB-606-2	Room 606B – Floor by Door	Chrysotile	1090
AB-606-3	Room 606B – Floor by Floor	Chrysotile	1460
AB-606-4	Room 606B – Hallway Floor	Chrysotile	1090
AB-606-5	Room 606B – Cabinet at 606B	Chrysotile	1460
AB-606-6	Room 606B – Elevator Floor	Chrysotile	18200

CONTROL SAMPLE RESULTS

Table #9 – KH Rm A4025 September 6, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
4025-01	Rm. KH A4025 – SW Shelf	Chrysotile	780
4025-02	Rm. KH A4025 – SE Desk	None Detected	<777
4025-03	Rm. KH A4025 – NW Desk	None Detected	<777
4025-04	Rm. KH A4025 – NE Shelf	None Detected	<777
4025-05	Rm. KH A4025 – Chair	Chrysotile	<777
4025-06	Rm. KH A4025 – SW Printer	None Detected	<407



Table #10 – KH Rm A4030 September 6, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
4030-01	Rm. KH A4030 - NE Desk	Chrysotile	<407
4030-02	Rm. KH A4030 – NW Desk	None Detected	<407
4030-03	Rm. KH A4030 – S Shelf	None Detected	<407
4030-04	Rm. KH A4030 – File Cabinet	None Detected	<407
4030-05	Rm. KH A4030 – Printer	None Detected	<407
4030-06	Rm. KH A4030 – SW Desk	None Detected	<407

Table #11 – KH Rm A4027 September 6, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
4027-07	Rm. A4027 – East Shelf	Chrysotile	1820
4027-08	Rm. A4027 – File Cabinet	None Detected	<777
4027-09	Rm. A4027 - South Self	Chrysotile	780
4027-10	Rm. A4027 – Box Shelf 2 (N)	None Detected	<407
4027-11	Rm. A4027 – Box #2 Shelf 4	Chrysotile	<407
4027-12	Rm. A4027 – Box Shelf #3 (1,2,3)	Chrysotile	<777



Table #12 -Administration Bldg. Room 606C September 6, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
606B-01	Room 606C - Desk	Chrysotile	<777
606B-02	Room 606C – Windowsill	None detected	<777
606B-03	Room 606C – Floor	Chrysotile	<5440
606B-04	Room 606C – Cabinet	Chrysotile	<777
606B-05	Room 606C – Floor	Chrysotile	<1090
606B-06	Room 606C – Magazine Shelf	None Detected	<777

Table #13 – Administration Bldg. Room 609 September 6, 2024

Sample No	Location	Asbestos type	Concentration (str/cm²)
609-01	Rm. 609 - Desk	Chrysotile	<777
609-02	Rm. 609 – Shelf	None Detected	<407
609-03	Rm. 609 – Windowsill	Chrysotile	1300
609-04	Rm. 609 – Floor	Chrysotile	63700
609-05	Rm. 609 – Desk	Chrysotile	<777
609-06	Rm. 609 - Floor	Chrysotile	1560

^{*}Detection Limit (DL) for Asbestos Analysis of Dust Samples Using Method ASTM 6480 is <2.99 structures per centimeter square (str/cm²).

³This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use. https://www.astm.org/d6480-19.html



CONCLUSION

Levels of asbestos in settled dust as determined by the Microvac technique are generally considered low (levels expected outdoors) if less than 1,000 s/cm² (structures per square centimeter) are detected, above background (Moderate Contamination) if levels are greater than 10,000 s/cm², and high (significant contamination) if levels are above 100,000 s/cm². Levels above 100,000 s/cm² are usually associated with a significant accidental release such as from an asbestos abatement site².

²Reference: Millette, J.R. and S.M. Hays, Settled Asbestos Dust Sampling and Analysis, Lewis Publishers, London, 1994.

ASTM D5755-09 Method for Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Structure Number Surface Loading counting Method is similar to ASTM D6480 Standard Test Method for Wipe Sampling of Surfaces, Indirect Preparation, and Analysis for Asbestos Structure Number Concentration by Transmission Electron Microscopy.

The wipe samples collected at King Hall rooms A4025, A4026, A4028 and C4030 indicate structures concentration below 1,000 s/cm² (low levels) and Room A4027 shows levels greater than 1,000 s/cm² (moderate). Administration Building rooms 606B, 606C and 609 show levels greater than 1,000 s/cm². Cross-contamination of contents of KH Rooms A4026, A4027 and A4028 due to storage at Administration building Room 606 cannot be established since asbestos structures on settled dust samples were also found at KH Control Rooms A4025 and C4030.

Note: EPA nor OSHA have established threshold limits for asbestos in settled dust. Therefore, there is no published or consensus standard available.

California Department of Industrial Relations (DIR) establishes in CCR, Title 8 Section 5208 Asbestos. General Industry Safety orders. (c) Permissible Exposure limit (PELS) (1) Time-weighted average limit (TWA): The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fiber per cubic centimeter (0.1 f/cc) of air as an eight (8)-hour time-weighted average (TWA) as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Although the PCM Sample results meet the EPA Air Clearance levels of 0.01 fibers per cubic centimeter and are stricter than the OSHA Permissible Exposure Limit (PEL) of 0.1 fibers per cubic centimeter TWA, and asbestos structures per centimeter square on the settled dust were below moderate levels, asbestos results by the ASTM 6480 Method, do not meet the OSHA requirements for asbestos exposure monitoring.



RECOMMENDATIONS

Based on the air sample and asbestos wipe analysis and visual inspection, Terra offers the following recommendations:

- King Hall Rooms A4026, A4027, A4025 and C4030: Environmental cleanup of all interior surfaces and room contents by Cal OSHA Registered asbestos Contractor. Clearance monitoring after environmental cleanup, Wipe samples results should be None-detected and air samples below EPA clearance levels.
- King Hall Room A4028: No further testing is required.
- Administration Building: Maintain building security to prevent unnecessary access to the building.
- Settled dust sampling at CSULA should be discontinued and replaced with OSHA approved Method for Personal exposure monitoring. Employee participation is required to determine occupational exposure. Title 8 Section 5208 Asbestos.
- Provide employees represented by this study with access to this report and the results contained herein, in accordance with 8 CCR 3204(e).

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LIMITATIONS

The field observations, measurements, and research reported in this document are sufficient in detail and scope to form a reasonable basis for a site specific Settled Dust Sampling and PCM air ambient sampling. The assessment, conclusions, and recommendations presented herein are based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. Terra Environmental warrants the findings and conclusions contained herein have been promulgated in accordance with generally accepted industrial hygiene methodology and only for the site described in this report.



Appendix

Regulatory Notification Requirements & Compliance Criteria

SCAQMD Rule 1403. Not applicable

Counting Methods on ASTM 6480 Settled Dust Wipe sample analysis are reported in structures per square centimeter while SCAQMD establishes that Sampling of materials suspected to contain asbestos, to comply with Rule 1403, shall be conducted following the provisions of 40 CFR Part 763.86 Polarized Light Microscopy and reported in percentage (%) of weight.

RULE 1403. ASBESTOS EMISSIONS FROM DEMOLITION/RENOVATION ACTIVITIES

(a) Purpose

The purpose of this rule is to specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM). The requirements for demolition and renovation activities include asbestos surveying, notification, ACM removal procedures and time schedules, ACM handling and clean-up procedures, and storage, disposal, and landfilling requirements for asbestos-containing waste materials (ACWM). All operators are required to maintain records, including waste shipment records, and are required to use appropriate warning labels, signs, and markings.

(b) Applicability

This rule, in whole or in part, is applicable to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos containing material, any asbestos storage facility, or any active waste disposal site.

(c) Definitions

For the purpose of this rule, the following definitions shall apply:

- (5) ASBESTOS-CONTAINING MATERIAL (ACM) is both friable asbestos containing material or Class I nonfriable asbestos-containing material.
- (9) CLASS I NONFRIABLE ASBESTOS-CONTAINING MATERIAL is material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), and that, when dry, can be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities. Actions which may cause material to be broken, crumbled, pulverized, or reduced to powder include physical wear and disturbance by mechanical force, such as, but not limited to, sanding, sandblasting, cutting or abrading, improper handling or removal or leaching of matrix binders. Class I nonfriable asbestos-containing material includes, but is not limited to, fractured or crushed asbestos cement products, transite materials, mastic, roofing felts, roofing tiles, cement water pipes and resilient floor covering.



- (10) CLASS II NONFRIABLE ASBESTOS-CONTAINING MATERIAL is all other material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), that is neither friable nor Class I nonfriable.
- (20) FRIABLE ASBESTOS-CONTAINING MATERIAL is material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Title 8 Section 5208 Asbestos. General Industry Safety orders

- (a) Scope and application -
 - (1) This section applies to all occupational exposures to asbestos in all industries covered by the California Occupational Safety and Health Act, except as provided in subsection (a)(2) and (3) of this section.
- (d) Exposure monitoring
 - (1) General.
 - (A) Determinations of employee exposure shall be made from breathing zone air samples that are representative of the 8-hour TWA and 30-minute short-term exposures of each employee.
 - (B) Representative 8-hour TWA employee exposures shall be determined on the basis of one or more samples representing full- shift exposures for each shift for each employee in each job classification in each work area. Representative 30-minute short- term employee exposures shall be determined on the basis of one or more samples representing 30 minute exposures associated with operations that are most likely to produce exposures above the excursion limit for each shift for each job classification in each work area.



Title 8 Section 5208 Asbestos, Appendix A

OSHA Reference Method Mandatory

This mandatory appendix specifies the procedure for analyzing air samples for asbestos, tremolite, anthophyllite, and actinolite and specifies quality control procedures that must be implemented by laboratories performing the analysis. The sampling and analytical methods described below represent the elements of the available monitoring methods (such as appendix B to this section, the most current version of the OSHA method ID-60, or the most current version of the NIOSH 7400 method) which OSHA considers to be essential to achieve adequate employee exposure monitoring while allowing employers to use methods that are already established within their organizations. All employers who are required to conduct air monitoring under subsection (d) of this section are required to utilize analytical laboratories that use this procedure, or an equivalent method, for collecting and analyzing samples.

Sampling and Analytical Procedure

- 1. The sampling medium for air samples shall be mixed cellulose ester filter membranes. These shall be designated by the manufacturer as suitable for asbestos, tremolite, anthophyllite, and actinolite counting. See below for rejection of blanks.
- 2. The preferred collection device shall be the 25-mm diameter cassette with an open-faced 50-mm extension cowl. The 37-mm cassette may be used if necessary but only if written justification for the need to use the 37-mm filter cassette accompanies the sample results in the employee's exposure monitoring record. Do not reuse or reload cassettes for asbestos sample collection.
- 3. An air flow rate between 0.5 liter/min and 2.5 liters/min shall be selected for the 25-mm cassette. If the 37-mm cassette is used, an air flow rate between 1 liter/min and 2.5 liters/min shall be selected.
- 4. Where possible, a sufficient air volume for each air sample shall be collected to yield between 100 and 1,300 fibers per square millimeter on the membrane filter. If a filter darkens in appearance or if loose dust is seen on the filter, a second sample shall be started.
- 5. Ship the samples in a rigid container with sufficient packing material to prevent dislodging the collected fibers. Packing material that has a high electrostatic charge on its surface (e.g., expanded polystyrene) cannot be used because such material can cause loss of fibers to the sides of the cassette.
- 6. Calibrate each personal sampling pump before and after use with a representative filter cassette installed between the pump and the calibration devices.
- 7. Personal samples shall be taken in the "breathing zone" of the employee (i.e., attached to or near the collar or lapel near the worker's face).



- 8. Fiber counts shall be made by positive phase contrast using a microscope with an 8 to 10 X eyepiece and a 40 to 45 X objective for a total magnification of approximately 400 X and a numerical aperture of 0.65 to 0.75. The microscope shall also be fitted with a green or blue filter.
- 9. The microscope shall be fitted with a Walton-Beckett eyepiece graticule calibrated for a field diameter of 100 micrometers (+/- 2 micrometers).
- 10. The phase-shift detection limit of the microscope shall be about 3 degrees measured using the HSE phase shift test slide as outlined below.
 - a. Place the test slide on the microscope stage and center it under the phase objective.
 - b. Bring the blocks of grooved lines into focus.
 - Note: The slide consists of seven sets of grooved lines (ca. 20 grooves to each block) in descending order of visibility from sets 1 to 7, seven being the least visible. The requirements for asbestos, tremolite, anthophyllite, and actinolite counting are that the microscope optics must resolve the grooved lines in set 3 completely, although they may appear somewhat faint, and that the grooved lines in sets 6 and 7 must be invisible. Sets 4 and 5 must be at least partially visible but may vary slightly in visibility between microscopes. A microscope that fails to meet these requirements has either too low or too high a resolution to be used for asbestos, tremolite, anthophyllite, and actinolite.
 - c. If the image deteriorates, clean and adjust the microscope optics. If the problem persists, consult the microscope manufacturer.
- 11. Each set of samples taken will include 10 percent field blanks or a minimum of 2 field blanks. These blanks must come from the same lot as the filters used for sample collection. The field blank results shall be averaged and subtracted from the analytical results before reporting. A set consists of any sample or group of samples for which an evaluation for this standard must be made. Any samples represented by a field blank having a fiber count in excess of the detection limit of the method being used shall be rejected.
- 12. The samples shall be mounted by the acetone/triacetin method or a method with an equivalent index of refraction and similar clarity.
- 13. Observe the following counting rules.
 - a. Count only fibers equal to or longer than 5 micrometers. Measure the length of curved fibers along the curve.
 - b. Count all particles as asbestos, tremolite, anthophyllite, and actinolite that have a length-to-width ratio (aspect ratio) of 3:1 or greater.
 - c. Fibers lying entirely within the boundary of the Walton-Beckett graticule field shall receive a count of 1. Fibers crossing the boundary once, having one end within the circle, shall receive the count of one half (1/2). Do not count any fiber that crosses the graticule



boundary more than once. Reject and do not count any other fibers even though they may be visible outside the graticule area.

- d. Count bundles of fibers as one fiber unless individual fibers can be identified by observing both ends of an individual fiber.
- e. Count enough graticule fields to yield 100 fibers. Count a minimum of 20 fields; stop counting at 100 fields regardless of fiber count.
- 14. Blind recounts shall be conducted at the rate of 10 percent.

Quality Control Procedures

- 1. Intra-laboratory program. Each laboratory and/or each company with more than one microscopist counting slides shall establish a statistically designed quality assurance program involving blind recounts and comparisons between microscopists to monitor the variability of counting by each microscopist and between microscopists. In a company with more than one laboratory, the program shall include all laboratories and shall also evaluate the laboratory-to-laboratory variability.
- 2. a. Interlaboratory program. Each laboratory analyzing asbestos, tremolite, anthophyllite, and actinolite samples for compliance determination shall implement an interlaboratory quality assurance program that as a minimum includes participation of at least two other independent laboratories. Each laboratory shall participate in round robin testing at least once every 6 months with at least all the other laboratories in its interlaboratory quality assurance group. Each laboratory shall submit slides typical of its own work load for use in this program. The round robin shall be designed and results analyzed using appropriate statistical methodology.
- b. All laboratories should participate in a national sample testing scheme such as the Proficiency Analytical Testing Program (PAT), the Asbestos Registry sponsored by the American Industrial Hygiene Association (AIHA).
- 3. All individuals performing asbestos, tremolite, anthophyllite, and actinolite analysis must have taken the NIOSH course for sampling and evaluating airborne asbestos, tremolite, anthophyllite, and actinolite dust or an equivalent course.
- 4. When the use of different microscopes contributes to differences between counters and laboratories, the effect of the different microscope shall be evaluated and the microscope shall be replaced, as necessary.
- 5. Current results of these quality assurance programs shall be posted in each laboratory to keep the microscopists informed.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.



PHOTOGRAPHS

KH Rm A4027 August 30, 2024

Picture #1

AW-02 / Box #02 #05

Concentration (str/cm²) <404



Picture #2

AW-03 / Box #02 #08 Asbestos Structures Concentration (str/cm²) <404





AW-04 / KT Cabinet – Top Drawer None- Detected



Picture #4

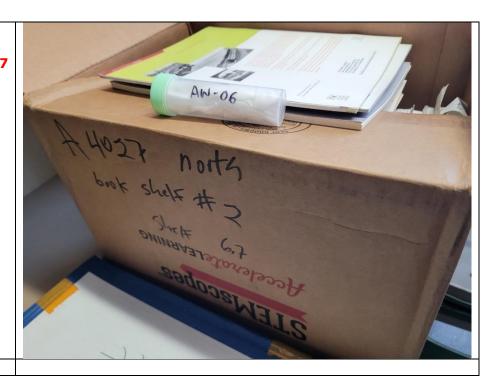
AW-05 / Typewriter Concentration (str/cm²) <771





Picture #5 AW-06 / Box #2 #6.7

Concentration (str/cm²) <771





KH Rm A4026 September 4, 2024

Picture #1

4026-W-01/ Book Shelf (S) Asbestos Structures = None detected



Picture #2

4026-W-02/Book Shelf (N) Concentration (str/cm²) 408





4026-W-03/ Desk Asbestos Structures = None Detected



Picture #4

4026-W-04/ Book Shelf NE Concentration (str/cm²) <407





Picture #5

4026-W-05/ File Cabinet Asbestos Structures None Detected



Picture #6

4026-W-06/ Printer Asbestos Structure = None Detected





KH Rm A4028 September 4, 2024

Picture #1

4028-W-01 /Book Shelf (N) Asbestos Structures = None Detected



Picture #2

4028-W-02/ Book Box (S) Asbestos Structures = None Detected





4028-W-03/ File Cabinet Asbestos Structures = None Detected



Picture #4

4028-W-04 /Book Box (N4) Asbestos Structures = None Detected





Picture #5

4028-W-05/ Couch Asbestos Structures = None Detected



Picture #6

4028-W-06 / Printer Asbestos Structures = None Detected



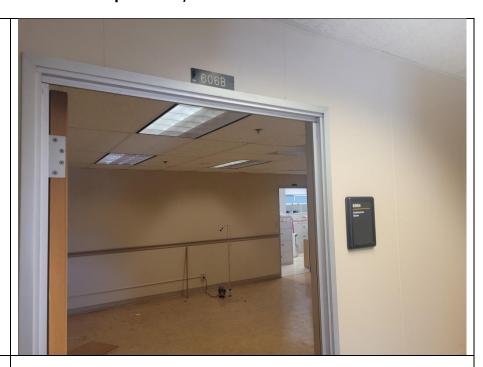


Administration Building Room 606B September 4, 2024

Picture #1

Room 606B Ambient Air Sample

Below EPA Limits



Picture #2

Hallway

Ambient Air Sample

Below EPA Limits





AB-606-1/ Chair Rail Concentration (str/cm²) 1140



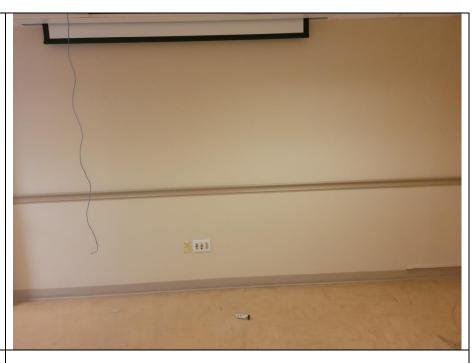
Picture #4

AB-606-2 / Floor by Door Concentration (str/cm²) 1090





AB-606-3 / Floor by Floor Concentration (str/cm²) 1460



Picture #6

AB-606-4 / Hallway Floor Concentration (str/cm²) 1090





AB-606-5 /Cabinet at 606B Concentration (str/cm²) 1460



Picture #8

AB-606-6/ Elevator Floor Concentration (str/cm²) 18200

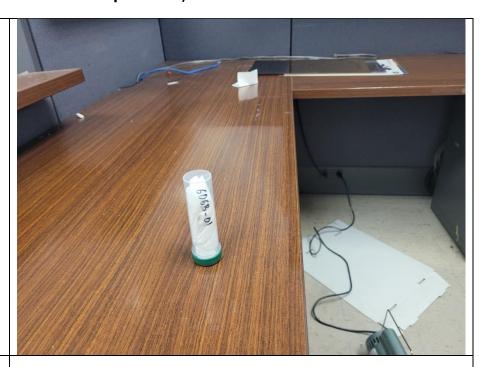




Administration Building Room 606C September 6, 2024

Picture #1

606C-01 / Desk Concentration (str/cm²) <777



Picture #2

606C-02 / Window Sill Asbestos Structures = None Detected





606C-03 / Floor (Main Door) Concentration (str/cm²) <5440



Picture #4

606C-04 / Cabinet Concentration (str/cm²) <777





606C-05 /Floor (Back Door) Concentration (str/cm²) <1090



Picture #6

606C-06 / Magazine Shelf Asbestos Structures = <2.99





Administration Building Room 609 September 6, 2024

Picture #1

609-01 / Desk Concentration (str/cm²) <777



Picture #2

609-02/ Shelf Asbestos Structures = None Detected





609-03 / Window Sill Concentration (str/cm²) 1300



Picture #4

609-04 / Floor Concentration (str/cm²) 63700





609-05 / Desk Concentration (str/cm²) <777



Picture #6

609-06 / Floor Concentration (str/cm²) 1560



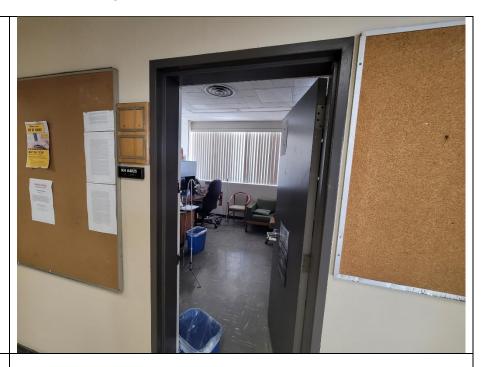


King Hall Building Room A4025 September 6, 2024

Picture #1

Ambient Air Sample

Below EPA Limits



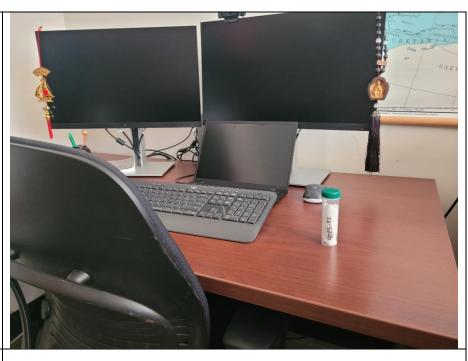
Picture #2

4025-01 / SE Shelf Concentration (str/cm²) 780





4025 – 02 / SW Desk Asbestos Structures = None Detected



Picture #4

4025-03 / NW Desk Asbestos Structures = None Detected





4025-04 / NE Shelf Asbestos Structures = None Detected



Picture #6

4025-05 / Chair Concentration (str/cm²) <777





4025-06 / SW Printer Asbestos Structures = None Detected



Picture #8

Ambient air Samples Below EPA Levels





King Hall Building Room C4030 September 6, 2024

Picture #1

Ambient air Samples Below EPA Levels



Picture #2

4030-01/ NE Desk Concentration (str/cm²) <407





Picture #3

4030-02 / NW Desk Asbestos Structures = None Detected



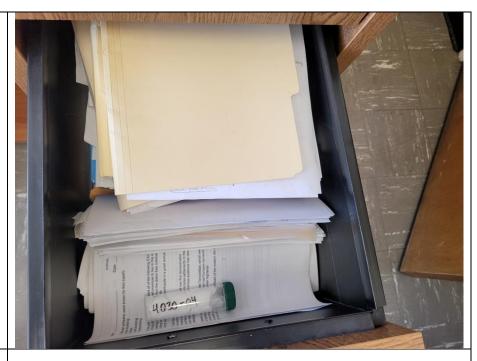
Picture #4

4030-03 / S Shelf Asbestos Structures = None Detected





4030-04 / File Cabinet Asbestos Structures = None Detected



Picture #6

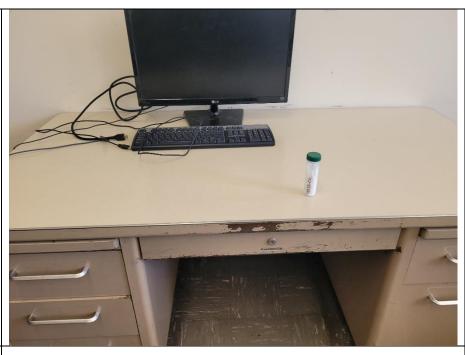
4030-05 / Printer Asbestos Structures = None Detected





Picture #7

4030-06 / SW Desk Asbestos Structures = None Detected



Picture #8

Ambient air sample Below EPA Levels





KH Rm A4027 September 6, 2024

Picture #1

4027-07 / East Shelf Concentration (str/cm²) 1820



Picture #2

4027-08 / File Cabinet Asbestos Structures = None Detected





4027-09 / South Shelf Concentration (str/cm²) 780



Picture #4

4027-10 / Box Shelf 2 (N) Asbestos Structures = None Detected





4027-11 / Box #2 Shelf 4 Concentration (str/cm²) <407



Picture #6

4027-12/ Box Shelf #3 (1,2,3) Concentration (str/cm²) <777





LABORATORY RESULTS AIR SAMPLES



520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982 http://www.LATesting.com / pasadenalab@latesting.com LA Testing Order: 322420149 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo Phone: (562) 868-3777

Terra Environmental Services Fax:

12631 Imperial Hwy Received Date: 09/04/2024 04:05 PM

Suite A225 Analysis Date: 09/05/2024 Santa Fe Springs, CA 90670 Collected Date: 09/04/2024

Project: #74930 Cal State LA, King Hall - 5151 State University Dr, LA, CA 90032

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/14/2019

						LOD			
Sample	Location	Sample Date	Volume (L)	Fibers	Fields	(fib/cc)	Fibers/mm²	Fibers/cc	Notes
4026-1	Room KH A4026	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420149-0001									
4026-2	Room KH A4026	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420149-0002									
4027-3	Room KH A4027	09/04/2024	1264	7	100	0.0021	8.92	0.0027	
322420149-0003									
4028-4	Room KH A4028	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420149-0004									
4028-5	Room KH A4028	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420149-0005									
KHA-06	Field Lab	09/04/2024		<5.5	100		<7.01		Field Blank
322420149-0006									
KHA-07	Blank	09/04/2024		<5.5	100		<7.01		Field Blank
322420149-0007									

The results reported have been blank corrected as applicable.

Analyst(s):

Jerry Drapala Ph.D, Laboratory Manager or other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA AIHA LAP, LLC-IHLAP Accredited #102814

Initial report from: 09/05/2024 11:15 AM

OrderID: 322420149

Project Monitor One Backy round Date of Analysis:	Analyst:	PCM NIOSH 7400 METHOD C TEM AHERA 40 CFR	ASBESTOS AIR MONITORING	PASSFAIL	(MIN) TOTAL VOLUME (LIT) FIELDS LABORATORY RESULTS	7,264	1.264
m ron du	6	PCM			OFF TOTAL MINUTES (MIN)	3/30 80	31 80
Baen	375	24			W TIME OF FINE OF FINE	13	25
area	King HALL	09.04. 24			INITIAL FLOW RATE FINAL FLOW RATE (LIT/MIN)	15.8 15.8	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Project Monitor	Work Area:	Collection Date:			SAMPLE LOCATION	4026-1 Orea Background Room KH A 4026	
te 6	0	2				Lyround K	<i>→</i>
cal state	24930	Site Address: 5151 Sta	S	24 Wz	SAMPLE TYPE	Oreg Bro	
Client:	Project #:	Site Address		TAT:	SAMPLE ID NUMBER	4026-1	f026-2

PA) Personal Air Sampling WL) Waste Load-Out NE) Negative Exhoust P) Perimeter B) Blank GB) Glova Bag Procedures FD) Final Detail Sample type: AB) Area Background AR) Asbestos Removal FC) Final Clearance BLANK PB) Pre-Abatement

Received By: Thy Sarcla (WA)

Relinquished By: Leug Usubag

ENVIRONMENTAL **TERRA**

> 12631 Imperial Hwy., Suite A225 Santa Fe Springs, CA 90670 www.terraeng.com

Page 1 Of

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KHADE

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4-8804

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Room KH A 4027

1,264

30 see



520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982 http://www.LATesting.com / pasadenalab@latesting.com LA Testing Order: 322420311 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Lab results

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: 74930 / CSULA King Hall Room A4025 & C4030

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 04:20 PM

Analysis Date: 09/09/2024 **Collected Date**: 09/06/2024

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/14/2019

						LOD			
Sample	Location	Sample Date	Volume (L)	L) Fibers Fields		(fib/cc)	(fib/cc) Fibers/mm ²		Notes
4025-1	Room A4025 - N	09/06/2024	1256.1	<5.5	100	0.0021	<7.01	<0.0021	
322420311-0001									
4025-2	Room A4025 - W	09/06/2024	1240.2	<5.5	100	0.0022	<7.01	<0.0022	
322420311-0002									
4025-3	Room A4030 - N	09/06/2024	1240.2	<5.5	100	0.0022	<7.01	<0.0022	
322420311-0003									
4025-4	Room A4030 - S	09/06/2024	1240.2	<5.5	100	0.0022	<7.01	<0.0022	
322420311-0004									
KH-5	FIELD	09/06/2024		<5.5	100		<7.01		Field Blank
322420311-0005									
KH-6	SEALED	09/06/2024		<5.5	100		<7.01		Field Blank
322420311-0006									

The results reported have been blank corrected as applicable.

Analyst(s):

Tania Lopez PCM 6

Jerry Drapala Ph.D, Laboratory Manager or other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA AIHA LAP, LLC-IHLAP Accredited #102814

Initial report from: 09/09/2024 10:03 AM

OrderID: 322420311 2-5204 4025-XH6 4030-4 4330-3 Relinquished By: Sample type: AB) Area Background XHUS Client:_ TAT: Site Address: Project #: SAMPLE ID NUMBER Date: SAMPLE TYPE PB) Pre-Abatement W A AB (T) To U KIRA 9.6.27 256ht ROOM A 4030 MOON NOON ROOM A4030 61217 Time: SCALEI HACL A4025 A4025 FC) Final Clearance AR) Asbestos Removal SAMPLE LOCATION Collection Date: Work Area: Project Monitor: 12631 Imperial Hwy., Suite A225 Santa Fe Springs, CA 90670 5 3 5 Received By: Uhannifer Schology) ROOM AYOZS & CYOSO GB) Glova Bag Procedures FD) Final Detail Date: 9/20 Time: 9:20 RATE FINAL FLOW RATE (LIT/MIN) S 12/2 15-9 18.9 15.9 N 15.9 4-6.24 15.9 MONSALJO 916 534 1532 TIME OFF 1538 P) Perimeter 42 420 #3 530 N 2 PCM NIOSH 7400 METHOD TOTAL MINUTES (MIN) 30 260 PA) Personal Air Sampling V 4 8 8 0 2 Analyst: B) Blank N Date of Analysis: TOTAL VOLUME (LIT) 156. 2,82 240. 240. NE) Negative Exhoust ASBESTOS AIR MONITORING WL) Waste Load-Out FIELDS TERRA TEM AHERA 40 CFR PASS LABORATORY RESULTS

Page 1 Of

1

FAIL

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Tel/Fax: (323) 254-9960 / (323) 254-9982 http://www.LATesting.com / pasadenalab@latesting.com LA Testing Order: 322420315 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Lab results Phone: (562) 868-3777

Terra Environmental Services Fax:

12631 Imperial Hwy Received Date: 09/06/2024 04:20 PM

 Suite A225
 Analysis Date:
 09/09/2024

 Santa Fe Springs, CA 90670
 Collected Date:
 09/06/2024

Project: 74930 / 5151 State University Dr. Los Angeles, CA 90032

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/14/2019

						LOD			
Sample	Location	Sample Date	Volume (L)	Fibers	Fields	(fib/cc)	Fibers/mm²	Fibers/cc	Notes
606A-01	Rm 606A -	09/06/2024	1272	<5.5	100	0.0021	<7.01	<0.0021	
322420315-0001									
606A-02	Rm 606A -	09/06/2024	1272	<5.5	100	0.0021	<7.01	<0.0021	
322420315-0002									
609-01	Rm 609 -	09/06/2024	1272	<5.5	100	0.0021	<7.01	<0.0021	
322420315-0003									
609-02	Rm 609 -	09/06/2024	1272	<5.5	100	0.0021	<7.01	<0.0021	
322420315-0004									
606H-01	Rm 606 - Hallway	09/06/2024	1272	<5.5	100	0.0021	<7.01	<0.0021	
322420315-0005									
606-06	Filled blank	09/06/2024		<5.5	100		<7.01		Field Blank
322420315-0006									
606-07	Sealed blank	09/06/2024		<5.5	100		<7.01		Field Blank
322420315-0007									

The results reported have been blank corrected as applicable.

Analyst(s):

Tania Lopez PCM 7

Jerry Drapala Ph.D, Laboratory Manager or other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA AlHA LAP, LLC-IHLAP Accredited #102814

Initial report from: 09/09/2024 02:35 PM

OrderID: 322420315 10-11309 609-02 606A-02 606A-01 606-67 90-909 10-60 Relinquished By: Sample type: AB) Area Background TAT Los Angeles, CA 90032 Project #: _ Site Address: 5151 State University Dr. Client: SAMPLE ID NUMBER Date: 74930 blank Filled AB AB blow & AB SAMPLE TYPE AB PB) Pre-Abatement B 9.26.27 Time: 1616 SVL Bm 609 -Rm 606A -Bm 609 -Run 606 - Hallway B 606A -FC) Final Clearance AR) Asbestos Removal SAMPLE LOCATION #32242 Collection Date: Work Area: Project Monitor: Israel Monsalvo 12631 Imperial Hwy., Suite A225 Santa Fe Springs, CA 90670 Received By: Ukennifer Sotelo (WI) 0 CV FD) Final Detail GB) Glova Bag Procedures Date: 9/6/24 Time: 4:20 09/06/2024 15.9 L/min 15.9 L/min 15.9 L/min 15.9 4/ MIN 15.9L/min 15.9 L/min RATE FINAL FLOW RATE (LIT/MIN) 15.91/mis 15.9L/min 15.9 L/min 15-9 L/min S www.terraeng.com 13:26 13:25 13:33 13:28 12:08 12:66 12:05 12:10 13:30 TIME ON P) Perimeter 80 min Nim 08 PCM NIOSH 7400 METHOD 305 Nim 08 MINUTES (MIN) 80 mis 80min PA) Personal Air Sampling B) Blank Date of Analysis: Analyst: 1,272 L 1,272 6 TOTAL VOLUME (LIT) 1,272 1,272 L 1,272 NE) Negative Exhoust ASBESTOS AIR MONITORING WL) Waste Load-Out FIELDS TERRA ENVIRONMENTAL TEM AHERA 40 CFR PASS LABORATORY RESULTS



520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982 http://www.LATesting.com / pasadenalab@latesting.com LA Testing Order: 322420150 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo Phone: (562) 868-3777

Terra Environmental Services Fax:
12631 Imperial Hwy Received Date: 09/04/2024 04:05 PM

 Suite A225
 Analysis Date:
 09/05/2024

 Santa Fe Springs, CA 90670
 Collected Date:
 09/04/2024

Project: #74930 Cal State LA, Administration Bld. - 5151 State University

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/14/2019

						LOD			
Sample	Location	Sample Date	Volume (L)	Fibers	Fields	(fib/cc)	Fibers/mm²	Fibers/cc	Notes
AB606-1	Room 606 West	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420150-0001									
AB606-2	Room 606 East	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420150-0002									
AB-H3	Hallway	09/04/2024	1264	<5.5	100	0.0021	<7.01	<0.0021	
322420150-0003									
AB-B-4	Field Lab	09/04/2024		<5.5	100		<7.01		Field Blank
322420150-0004									
AB-B-5	Blank	09/04/2024		<5.5	100		<7.01		Field Blank
322420150-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Jerry Drapala Ph.D, Laboratory Manager or other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA AIHA LAP, LLC-IHLAP Accredited #102814

Initial report from: 09/05/2024 11:35 AM

: 322420150							A								
Relinquished By: <u>人</u> と Date: <u>の</u> まの	Sample type: AB) Area B			AB-85 V	AB-B4	AB-H3	B-606-2 1	AB 606-10 rea Bo	SAMPLE ID SAMPLE TYPE	TAT: 24 Was		Site Address: 5157	Project #: +797	Client: Cal Sta	÷
ers Vsubors	19			BLANK	FIELD LAB	RALLWAY	Ea	er 1200m 606 W	SAMPLE LOCATION			1 1	01010	to LA	
Received By: Received By: Received By: Toweld Date: 914124 Time: L	GB) Glova Bag Proc FD) Final Detail					15.8 8.24	37 13.0	7	INITIAL FLOW RATE FINAL FLOW RATE (LIT/MIN) TIME OFF			07.09.	admin stat	Back	
(III)	PA) Personal A neter B) Blank				30%	80 1.	1.	1.	\vdash			PCM NIOSH 7400	Analyst: _	and Date of An	#32242
	ge					264	268	264			ASBES	METHOD V		alysis:	420150
TERRA ENVIRONMENTAL	Waste Load-Out Exhoust								ERS LABORATORY RESULTS	PASSFAIL	TOS AIR MONITORING	TEM AHERA 40 CFR			
	Relinquished By: Received By: R	Sample type: AB) Area Background AR) Asbestos Removal GB) Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative Relinquished By: Low Swell GB, Glova Bag Procedures PA) Personal Air Sampling WL) Received By: Cy Court Court Court Time: 4:05PM Date: 41414 Time: 4:05PM	Sample type: AB) Area Background AR) Asbestos Removal GB) Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative Relinquished By: Course VSurses Received By: Course (UI) Date: Charles VSurses Received By: Augusta (UI) Date: Alujud Time: 4:05PM	Sample type: AB) Area Background AR) Asbestos Removal GB) Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative Relinquished By: Law Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Grand GW Sulface PD, Final Detail P) Perimeter B) Blank NE) Negative Received By: Law Gwala (WB) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB, Glova Bag Procedures PA) Personal Air Sampling WL) Date: GB,	Sample type: AB) Area Background AR) Asbestos Removal GB) Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative Relinquished By: Low Sold Stime: Date: 414124 Time: 41:05PM	AB-B+ FIELD LAB BLANK BROWGE BB Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative Relinquished By: Laugh Gourla (LII) Date: Blank Date: Glulu Gourla (LII) Date: Glulu Time: U:05PM	HB-H3 HALLWAY AB-BY FIELD LAB BLANK AB-BS AB-BS AB-BS FIELD LAB BLANK AB-BS AB-BS AB-BS FIELD LAB BLANK BLANK BLANK AB-BS BLANK BLANK BLANK BLANK AB-BS Bate: 914144 Time: 4:05-PM Date: 914144 Date: 414144 D	AB-B-B-H AB-B-H FIELD LAB BLANK AB-B-S FIELD LAB BLANK AB-B-S FIELD LAB BLANK BLANK BLANK Sample type: AB) Area Background AR) Asbestos Removal GB) Glova Bag Procedures PA) Personal Air Sampling WL) PB) Pre-Abatement FC) Final Clearance FD) Final Detail P) Perimeter B) Blank NE) Negative PA) Received By: Paucia (UI) Date: Blank Date: Alujau Time, 4:05Pm	AB 606 10 us four 100 west 158 2:35 80 1, 269 AB 606-2 Froduct 1	SAMPLE TYPE SAMPLE TOPE SAMPLE COCATION MINE OF MINITES (MINI) AB B666-10 years B644	SAMPLE TYPE SAMPLE TYPE SAMPLE LOCATION SAMPLE LOCATION SAMPLE TYPE SAMPLE LOCATION AB-B-B-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C	SAMPLE TO PE SAMPLE LOCATION INTEREST MANUFES (MAN) TO TAL VOLUME (LIT) FREESS AND LETTER MANUFES (MAN) TO TAL VOLUME (LIT	Stife Address: 2107 JACTA Collection Date: V7. WY POM NIOSH 7400 METHO SAMPLE TYPE SAMPLE LOCATION PROBLEM TOTAL VOLUME!! SAMPLE TYPE SAMPLE LOCATION SAMPLE LOCATION AB 606-2 STOCK FOR TOTAL VOLUME!! AB 606-2 STOCK FOR TOT	Site Address: \$187 Starts Collection Date: \$97.09.24 PCM NIOSH 7400 METHO Site Address: \$187 Starts Collection Date: \$97.09.24 PCM NIOSH 7400 METHO SAMPLE TYPE SAMPLE LOCATION PAGE OF MANUFES (MAN) SAMPLE TYPE SAMPLE LOCATION ABBORS OF MANUFES (MAN) SAMPLE TYPE SAMPLE LOCATION ABBORS OF MANUFES (MAN) ABBORS OF MANUFES (MAN) FIRST OF MANUFES (MAN) FOR NIOSH 7400 METHO FIRST OF MANUFES (MAN) FOR NIOSH 7400 METHO FOR NIOSH 7400	Client. Col State LA Project Manhor. QRA Bacagrand Date of Analysis: Project #: 44930 Work Area: Quilly Shate Ald. Analysis: Site Address: 5151 State Work Area: Quilly Shate Ald. Analysis: Site Address: 5151 State Work Area: Quilly Shate Ald. Analysis: Site Address: 5151 State Collection Date: O9.09. Dy POM NIOSH 7400 METHO WILLIAM TOTAL VOLUME! MAD 660-0 9 100 Method AB 660-0 9 100 Method FIELD LAB BLANK Sample type: AB) Area Background AR) Asbestos Removal BLANK Received By: Could Cull Date: Q14124 Time: 4:05891 Date: Q14124 Time: 4:05891

1



LABORATORY RESULTS SETTLED DUST WIPE SAMPLES



Attention: Israel Monsalvo

520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322419896 Customer ID: 32TESV78 Customer PO: 74918 Project ID:

Phone: (562) 868-3777

Fax:

Received Date: 08/30/2024 11:10 AM

Analysis Date: 09/03/2024 **Collected Date**: 08/30/2024

Santa Fe Springs, CA 90670 **Project:** CSULA King Hall Rm A4027

12631 Imperial Hwy

Suite A225

Terra Environmental Services

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments	
AW-01	929	Chrysotile	<2.99	135	<404		
322419896-0001		·					
AW-02	929	Chrysotile	<2.99	135	<404		
322419896-0002		·					
AW-03	929	Chrysotile	<2.99	135	<404		
322419896-0003		•					
AW-04	929	None	<2.99	135	<404		
		Detected					
322419896-0004							
AW-05	929	Chrysotile	<2.99	258	<771		
322419896-0005		-					
AW-06	929	Chrysotile	<2.99	258	<771		
322419896-0006		•					

Analyst(s):	
Julie Vong (6)	Jerry Drapala Ph.D, Laboratory Manager
3 ()	or other approved signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA

Initial report from: 09/03/2024 17:51:24

OrderID: 322419896

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322419896

PHONE: 800-303-0047 EMAIL: pasadenalab@latesting.com

Ourteman ID.				same as Report-To leave this	section blank. I nird-	-party billing requires wr	itten authorization.
Customer ID:			Billing ID:				
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	31 CAPERIAL	HWY	Street Add	ress:			
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Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati PM A4027 -	(HA) ion / Description	Filter Pore	Size (Air Samples) Volume, Area or Home	_	Date / Time S	1024
Positive Stop -	Clearly Identified Homogeneous Areas Sample Locati PM A4027 -	(HA) Son / Description BOOK SHEE BOX #02	Filter Pore	Size (Air Samples) Volume, Area or Home	_	Date / Time S	1024 1026
Positive Stop - Sample Number	Sample Locati RM A4027 -	(HA) Ion / Description BOOK SHEE BOX 402 BOX 42	Filter Pore 405 406	Volume, Area or Home	_	Date / Time S	1024
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati PM A4027 -	HA) BOOK SHE BOX #02 BOX #2 KT CABINET	# 03 + 03	Volume, Area or Home	_	Date / Time S	1024 1026 1028 1031
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati RM A4027 -	HA) BOOK SHED BOX #02 BOX #2 KT CABINET-	Filter Pore 405 406 - TORDEL	Volume, Area or Home	_	Date / Time S	1024 1026 1028 1031 1034
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati RM A4027 -	HA) BOOK SHE BOX #02 BOX #2 KT CABINET	Filter Pore 405 406 - TORDEL	Volume, Area or Home	_	Date / Time S	1024 1026 1028 1031
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati RM A4027 -	HA) BOOK SHED BOX #02 BOX #2 KT CABINET-	Filter Pore 405 406 - TORDEL	Volume, Area or Home	_	Date / Time S	1024 1026 1028 1031 1034
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati AM A4027 -	HA) BOOK SHED BOX #02 BOX #2 KT ABINET- YPENRITE BOX #2	# 03 # 03 - TOPDEL	Volume, Area or Home	ogeneous Area	Date / Time S	1024 1026 1028 1031 1034
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati RM A4027 -	HA) BOOK SHED BOX #02 BOX #2 KT ABINET- YPENRITE BOX #2	# 03 # 03 - TOPDEL	Volume, Area or Home	ogeneous Area	Date / Time S	1024 1026 1028 1031 1034
Positive Stop - Sample Number	Clearly Identified Homogeneous Areas Sample Locati AM A4027 -	HA) BOOK SHED BOX #02 BOX #2 KT ABINET- YPENRITE BOX #2	Filter Pore LF=C2 # 05 # 08 TORDEL H 6-7 e Specifications.	Volume, Area or Home	ogeneous Area	Date / Time S	1024 1026 1028 1031 1034
Positive Stop- Sample Number AW-01 AW-07 AW-07 AW-09 AW-05 AW-05 AW-06	Clearly Identified Homogeneous Areas Sample Locati AM A4027 -	In the second of	Filter Pore LF=C2 # 05 # 08 TORDEL H 6-7 e Specifications.	Volume, Area or Home Volume, Area or Home	ogeneous Area	Date / Time S (Air Monitori 8 · 30 · 24	1024 1026 1028 1031 (034 1037
Positive Stop- Sample Number AW-01 AW-07 AW-07 AW-09 AW-05 AW-06 Method of Shipment: Relinquisher by:	Sample Locati RM A4027 - Special Instructions and/or Regu	(HA) Son / Description BOOK SHED BOX #02 BOX #2 CT CABINET- YPENRITE BOX #2 July PENRITE JU	Filter Pore LF-CZ # 05 # 08 TOPPEL H 6-7 Sample Co	Volume, Area or Home Volume, Area or Home	ogeneous Area	Date / Time S (Air Monitori 8 · 30 · 24	1024 1026 1028 1031 1034
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Attention: Israel Monsalvo

520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420317 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 4:20 PM

Analysis Date: 09/09/2024 **Collected Date**: 09/06/2024

Santa Fe Springs, CA 90670 **Project:** CSULA KH Room A4025

12631 Imperial Hwy

Suite A225

Terra Environmental Services

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments	
4025-01	929	Chrysotile	3	260	780		
322420317-0001		- ,					
4025-02	929	None Detected	<2.99	260	<777		
322420317-0002							
4025-03	929	None Detected	<2.99	260	<777		
322420317-0003		20100104					
4025-04	929	None Detected	<2.99	260	<777		
322420317-0004							
4025-05	929	Chrysotile	<2.99	260	<777		
322420317-0005		•					
4025-06	929	None Detected	<2.99	136	<407		
322420317-0006		Detected					

Jerry Drapala Ph.D, Laboratory Manager or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

OrderID: 322420317 OrderID: 322420317

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

#322420317

LA Testing 520 Mission Street South Pasadena, CA 91030

PHONE: 800-303-0047 EMAIL: Paradamatic Christing com

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520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420139
Customer ID: 32TESV78
Customer PO: 74930
Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA- Kina Hall Rm A4026

Phone: (562) 868-3777

Fax:

Received Date: 09/04/2024 4:05 PM

Analysis Date: 09/05/2024 **Collected Date**: 09/04/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
4026-W-01	929	None	<2.99	136	<407	
		Detected				
322420139-0001						
4026-W-02	929	Chrysotile	3	136	408	
322420139-0002						
4026-W-03	929	None Detected	<2.99	260	<777	
322420139-0003						
4026-W-04	929	Chrysotile	<2.99	136	<407	
322420139-0004		- ,				
4026-W-05	929	None	<2.99	136	<407	
		Detected				
322420139-0005						
4026-W-06	929	None	<2.99	136	<407	
		Detected				
322420139-0006						

Analyst(s):	
Julie Vong (6)	Jerry Drapala Ph.D, Laboratory Manager
	or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

Initial report from: 09/05/2024 18:00:10

OrderID: 322420139

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420139

PHONE: 800-303-0047 EMAIL: Pasad

lotin-				If		s Report-To leave this	section blank. Third-	-party billing requires w	ritten authorization.
Customer ID:		17.0			Billing ID:				
Company Name: TETO Contact Name: 15 RA Street Address: 1263 City, State, Zip: SANTO Phone: 562	MA E	NVIPOI	NMENTAL		Company Name:				
Contact Name: 15 RA	EL M	ONSAL	NO HWY # AZZ	25	Billing Contact:				
Street Address: 1263	1 IMPO	ERIAL	HWY # AZZ						
City, State, Zip: SANT	A FE ST	ouras	COUNTRY:	Rilling	City, State, Zip:			Count	ry:
Phone: (562)	868-	3777		2	Phone:				
Email(s) for Report:	staclet	terraer	24-com	10	Email(s) for Invoi	ce:	P.		
				ect Info	rmation		Dumbaaa		
Project Name/No: CSULA	- KI	ra,	HALL RA	1	A4026		Purchase Order:	14930	
LAT LIMS Project ID: (If applicable, LA Testing					S State where imples collected:		and the second second second	ust select project locati	
will provide)	2.	100.00	Sampled By Signature:				ommercial (Taxal	No. of Samples	al (Non-Taxable)
1542	L MON	USALVO			1			in Shipment	
— — —		0			Time (TAT)			п .	
3 Hour 4-4.5 Ho	NLY	Hour Change	24 Hour 32 H	lour	48 Hour	72 Hour	96 Hour	1 Week	2 Week
		TEM Air 3-6 Hour, pi		est Sele		nly; samples must be sub	nitted by 11:30 am.	-	
PCI	M Air		_	TEM - A	<u> Air</u>	_	TEM - Settled D	Dust	
NIOSH 7400			AHERA 40 CFR	R, Part 7	63		Microvac - ASTI		
NIOSH 7400 w/ 8hr.		P14	NIOSH 7402			4	Wipe - ASTM De		
	Bulk (reporting I	limit)	EPA Level II				Qualitative via F		
PLM EPA 600/R-93			ISO 10312*	TEM - B	ulk		Qualitative via D	rop Mount Prep	
POINT COUNT	%)		TEM EPA NOB		uik		Sail Book V	/ermiculite (reporting	no limita
T400 (<0.25%	1,000 (<0.1%)	NYS NOB 198.		riable_NV)			2-93/116 with milling	
POINT COUNT W		-0.170)			6 w Milling Prep (0	11%)		R-93/116 with milling	
T400 (<0.25%)		<0.1%)	L TEM EI A GOOT		y w willing i rop (R-93/116 with milling	
NIOSH 9002 (<1%)			Other 1	Test (pl	ease specify)		The second secon	via Filtration Prep	F
NYS 198.1 (Friable								via Drop Mount Pre	p
NYS 198.6 NOB (N	on-Friable - NY)					_			
NYS 198.8 (Vermic	ulite SM-V)								
				with your	project-specific rec	uirements.	_		
Positive Stop - Cle	arly Identified	Homogeneous	Areas (HA)		Filter Pore Size	(Air Samples)	0.8um	0.45um	
Sample Number		Sample	Location / Description		Vo	lume, Area or Hom	ogeneous Area	Date / Time (Air Monito	A STATE OF THE PARTY OF THE PAR
4026-W-01	RM	A4026	- BOOK :	SHE	4 (5)	1 4	-	9-4-24	
			BOOK			1. 1	<i>†</i>		
4026-W-02						1 1	1		
4066-W-03			DESK			1 4	1		
4026-W-04			BOOK	SHE	LF WE	1 4			
4026-W-03 4026-W-04 4026-W-05 2026-W-05			FILE C PRINTE	ABI	NET	上山		.\/	
2021 41 - 16		Y	PRINTS	20		1 1	,		
4066						4 44			
	V		1 WIN LE		-	7		A	
1	V	#2	I WIN LE			7		A	
1 / 2	V	E	Win to			7		A	
			-			7		A	
		Instructions and	for Regulatory Requirements (essing Methods, Limit	s of Detection, etc.)	A	
		I Instructions and	-			essing Methods, Limit	of Detection, etc.)	- V	
		I Instructions and/	-			essing Methods, Limit	s of Detection, etc.)	- V	
		I Instructions and	-		Specifications, Proc	essing Methods, Limits	s of Detection, etc.)	V	
Method of Shipment:		I Instructions and	-		Specifications, Proc	n Upon Receipt:		Date/Time / list -	
Method of Shipment: Relinquished by:		I Instructions and	for Regulatory Requirements (state)		Specifications, Proc Sample Condition Received by:	n Upon Receipt:	a (WI)	Date/Time 4/4/2	y 4:05pm
Method of Shipment:	Special	I Instructions and	for Regulatory Requirements (Specifications, Proc	n Upon Receipt:		Date/Time 4/4/24	y 4:05pm



520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420318
Customer ID: 32TESV78
Customer PO: 74930
Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA KH- Room KH A4027

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 4:20 PM

Analysis Date: 09/10/2024 **Collected Date**: 09/06/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
4027-07	929	Chrysotile	7	260	1820	
322420318-0001		·				
4027-08	929	None Detected	<2.99	260	<777	
322420318-0002						
4027-09	929	Chrysotile	3	260	780	
322420318-0003		·				
4027-10	929	None Detected	<2.99	136	<407	
322420318-0004						
4027-11	929	Chrysotile	<2.99	136	<407	
322420318-0005		-				
4027-12	929	Chrysotile	<2.99	260	<777	
322420318-0006						

Analyst(s):	
Lishuang Zheng (6)	Jerry Drapala Ph.D, Laboratory Manager
	or other approved signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA

Initial report from: 09/10/2024 13:55:38

OrderID: 322420318

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420318

PHONE: 800-303-0047 EMAIL: pasadenalab@latesting.com

Customer ID:			If Bill-To is the s	ame as Report-To leave this	section blank. Third	d-party billing requires	written authorization.
	00 - / 0 -	(2.14					
Company Name: TE	THE ENVIR	ONMENTAL	Company N				
Contact Name: ISA	el monisai	40	Billing Cont	act:			
	el monisa,	HWY	Billing Cont	ess:			
City, State, Zip:	TA FE SPRI	VES CA Country:	City, State,	Zip:		Cou	intry:
Phone: S6Z	868 3777	2	Phone:				
Email(s) for Report:	4 ,	nd-com	Email(s) for	Invoice:			
	The state of the s		t Information				
Project Name/No: CSVC:	A KH.	- ROOM KH	A4027	2	Purchase	7193	1
Name/No: CSVCI	1 Cit	10000	US State where		Order: onnecticut (CT) me	ust select project loc	ation:
(If applicable, LA Testing will provide)			samples collecte	d.	mmercial (Taxa		ntial (Non-Taxable)
Sampled By Name:	MONSALVO	Sampled By Signature:	1			No. of Samp	
O Anti-	11013720	Turn-Arou	und-Time (TAT)			ar orapino	
3 Hour 4-4.5 H		24 Hour 32 Hou	<u> </u>	our 72 Hour	96 Hour	1 Weel	k 2 Week
AHERA	TEM Air 3-6 Hou	ur, please call ahead to schedule. 32 Hour TA		ests only; samples must be subm	itted by 11:30 am.		
Pr	CM Air		t Selection M - Air				
NIOSH 7400	an esti	AHERA 40 CFR. P			TEM - Settled D Microvac - ASTI		
NIOSH 7400 w/ 8h	r TWA	NIOSH 7402	ait 705		Wipe - ASTM D		
	Bulk (reporting limit)	EPA Level II		H	Qualitative via F		
PLM EPA 600/R-9		ISO 10312*		H		Prop Mount Prep	
PLM EPA NOB (<	- Carlotte Control of	The same of the sa	M - Bulk		Guanativo via D	nop mount rop	
POINT COUNT		TEM EPA NOB			Soil - Rock - V	/ermiculite (report	ting limit)*
T400 (<0.259	6) 1,000 (<0.1%)	NYS NOB 198,4 (N	Non-Friable-NY)			-93/116 with milling	
POINT COUNT W		TEM EPA 600/R-9	,	en (0.1%)		R-93/116 with milling	
400 (<0.25%			g	T		R-93/116 with millin	
NIOSH 9002 (<1%		Other Tes	st (please specify	, 7		via Filtration Prep	
NYS 198.1 (Friable				· H		via Drop Mount P	
	,				I LITT GGGGTTGGTT	Tid Diop modific	
NYS 198.6 NOB (I	Non-Friable - NY)						,
NYS 198.6 NOB (I	•			_			
	•	*Please call with	n your project-speci	ic requirements.			
NYS 198.8 (Vermi	•			ic requirements. Size (Air Samples)	0.8um	0.45um	
NYS 198.8 (Vermi	culite SM-V)			55.01 AV507 802 107 00		Date / Tim	ne Sampled oring Only)
NYS 198.8 (Vermi	culite SM-V) learly Identified Homogened	pus Areas (HA)	Filter Pore	Size (Air Samples)		Date / Tim (Air Monit	ne Sampled coring Only)
NYS 198.8 (Vermi	culite SM-V) learly Identified Homogened	pus Areas (HA) uple Location / Description	Filter Pore	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim	ne Sampled coring Only)
NYS 198.8 (Vermi	culite SM-V) learly Identified Homogened	pus Areas (HA) uple Location / Description 27 - EA57 S FILE	HELF CABINE	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
NYS 198.8 (Vermi	culite SM-V) learly Identified Homogened	pus Areas (HA) pple Location / Description 27 - EAST ST FILE C SOUTH	HELF CABINE SHELF	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) pple Location / Description 27 - EAST ST FILE C SOUTH	HELF CABINE SHELF	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST S FILE SOUTH BOX S	HELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	Filter Pore AELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	HELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	Filter Pore AELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	Filter Pore AELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	culite SM-V) learly Identified Homogened	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	Filter Pore AELF CABINE SHELF HELF 2	Size (Air Samples) Volume, Area or Homo	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	Culite SM-V) Identified Homogened Sam Room AHO	pus Areas (HA) ple Location / Description 27 - EAST ST FILE C SOUTH BOX ST BOX H	HELF CABINE SHELF 12 SHE HELF 13	Size (Air Samples) Volume, Area or Homo (N) (N) (1, 2, 3)	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	Culite SM-V) Identified Homogened Sam Room AHO	pus Areas (HA) pple Location / Description 27 - EAST S FILE SOUTH BOX SI BOX SI BOX SI	HELF CABINE SHELF 12 SHE HELF 13	Size (Air Samples) Volume, Area or Homo (N) (N) (1, 2, 3)	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 08	Culite SM-V) Islandy Identified Homogeneous Sam Room AHO	pus Areas (HA) pple Location / Description 27 - EAST S FILE SOUTH BOX SI BOX SI BOX SI	HELF CABINE SHELF 12 SHE HELF 13	Size (Air Samples) Volume, Area or Homo (N) (N) (1, 2, 3)	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 09 4027 - 10 4027 - 11 4027 - 17	Culite SM-V) Islandy Identified Homogeneous Sam Room AHO	pus Areas (HA) pple Location / Description 27 - EAST S FILE SOUTH BOX SI BOX SI BOX SI	Filter Pore #ELF CABINE SHELF Z #ELF Z HELF #3	Size (Air Samples) Volume, Area or Homo (A) (A) (A) (I, Z; 3) Processing Methods, Limits of	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 09 4027 - 10 4027 - 11 4027 - 17	Culite SM-V) Islandy Identified Homogeneous Sam Room AHO	Pus Areas (HA) Inple Location / Description 27 - EAST S FILE SOUTH BOX S BOX S BOX S AND S And/or Regulatory Requirements (San	Filter Pore #ELF SHELF HELF 13 The Specifications, Sample Co.	Size (Air Samples) Volume, Area or Homo (N) (N) (I, Z; 3) Processing Methods, Limits of the control of the	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 09 4027 - 10 4027 - 11 4027 - 17	Culite SM-V) Islandy Identified Homogeneous Sam Room AHO	pus Areas (HA) pple Location / Description 27 - EAST S FILE SOUTH BOX SI BOX SI BOX SI	Filter Pore #ELF CABINE SHELF Z #ELF Z HELF #3	Size (Air Samples) Volume, Area or Homo (N) (N) (I, Z; 3) Processing Methods, Limits of the control of the	geneous Area	Date / Tim (Air Monit	ne Sampled coring Only)
□ NYS 198.8 (Vermi □ Positive Stop - C Sample Number 4027 - 07 4027 - 09 4027 - 10 4027 - 11 4027 - 17	Culite SM-V) Islandy Identified Homogeneous Sam Room AHO	Pus Areas (HA) Inple Location / Description 27 - EAST S FILE SOUTH BOX S BOX S BOX S AND S And/or Regulatory Requirements (San	Filter Pore #ELF SHELF HELF 13 The Specifications, Sample Co.	Volume, Area or Homo Volume, Area or Homo (N) (N) (1, 2, 3) Processing Methods, Limits of Methods, Limi	geneous Area	Date / Tim (Air Monit	ne Sampled oring Only)



520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420138
Customer ID: 32TESV78
Customer PO: 74930
Project ID:

Attention: Lab results Phone: (562) 868-3777

Terra Environmental Services Fax:

12631 Imperial Hwy Received Date: 09/04/2024 4:05 PM

Suite A225 Analysis Date: 09/05/2024 Santa Fe Springs, CA 90670 Collected Date: 09/04/2024

Project: 74930 / CSULA - King Hall Rm A4028

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
4028-W-01	929	None Detected	<2.99	260	<777	
322420138-0001						
4028-W-02	929	None Detected	<2.99	260	<777	
322420138-0002						
4028-W-03	929	None Detected	<2.99	136	<407	
322420138-0003		20100104				
4028-W-04	929	None Detected	<2.99	136	<407	
322420138-0004						
4028-W-05	929	None Detected	<2.99	260	<777	
322420138-0005						
4028-W-06	929	None Detected	<2.99	260	<777	
322420138-0006						

Analyst(s):	
Julie Vong (6)	Jerry Drapala Ph.D, Laboratory Manager
3 ()	or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

OrderID: 322420138

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420138

PHONE: 800-303-0047 EMAIL: pasadenalab@latesting.com

			If Bill-To is the s	ame as Report-To leave this	section blank, Third	d-party billing requires written authoriza
Customer ID:			Billing ID:			
Company Name: Ten	RA FASVIRONA	MENTAL	Company	lame:		
Contact Name: Contact Name: Street Address: 12/3	RA ENVIRONA NONSALVO	107	Billing Con Street Add	act:		
Street Address: 12/2	1 IMPERIAL	HINT	Street Add	ess:		
			City, State,	Zip:		Country:
9 5770	A FE SPRING	() (4)	City, State,	<u></u>		odulity.
	68 3777			Invalent		
Email(s) for Report.	raeleterraen	1-com	Email(s) fo	invoice.		
Project			nformation		Purchase	
Name/No: CSULF	- Kina t	HALL RM	A402	8	Order:	4930
LAT LIMS Project ID: (If applicable, LA Testing			US State where samples collect	d:		ust select project location:
will provide) Sampled By Name:		Sampled By Signature.		~ / Co	mmercial (Taxa	No. of Samples
ISPAEL N	ONSALVO	Sampled by Signature.	2			in Shipment
		Turn-Aroun	d-Time (TAT)			
3 Hour 4-4.5 Ho		24 Hour 32 Hour	48 H	our 72 Hour	96 Hour	1 Week 2 We
Anero	TEM Air 3-6 Hour,	please call ahead to schedule. 32 Hour TAT		ests only; samples must be subm	itted by 11:30 am.	
PC	M Air	Test S	election - Air			
NIOSH 7400		AHERA 40 CFR, Par			TEM - Settled I	
NIOSH 7400 w/ 8hr	. TWA	NIOSH 7402			Wipe - ASTM D	
	Bulk (reporting limit)	EPA Level II			Qualitative via F	
PLM EPA 600/R-93		ISO 10312*		Ħ		Prop Mount Prep
PLM EPA NOB (<1		TEM -	Bulk			
POINT COUNT		TEM EPA NOB			Soil - Rock - V	/ermiculite (reporting limit)*
400 (<0.25%) 1,000 (<0.1%)	NYS NOB 198.4 (No	n-Friable-NY)		PLM EPA 600/R	R-93/116 with milling prep (<0.25%
POINT COUNT w/	GRAVIMETRIC	TEM EPA 600/R-93/	116 w Milling Pr	ep (0.1%)	PLM EPA 600/F	R-93/116 with milling prep (<0.1%)
400 (<0.25%)	1,000 (<0.1%)				TEM EPA 600/F	R-93/116 with milling prep (<0.1%)
NIOSH 9002 (<1%)		Other Test	please specify	1 🔲	TEM Qualitative	via Filtration Prep
NYS 198.1 (Friable	- NY)				TEM Qualitative	via Drop Mount Prep
NYS 198.6 NOB (N	on-Friable - NY)					
NYS 198.8 (Vermic	ulite SM-V)					
		*Please call with y	our project-speci	ic requirements.		
Positive Stop - Cle	early Identified Homogeneous	Areas (HA)	Filter Pore	Size (Air Samples)	0.8um	0.45um
Sample Number	Sample	Location / Description		Volume, Area or Homo	geneous Area	Date / Time Sampled (Air Monitoring Only)
			+ (N)	Volume, Area or Homo	geneous Area	
428-W-01		5 - BOOK SHEL	01	Volume, Area or Homo	geneous Area	(Air Monitoring Only)
4028 W - 02			+ (N) (5)	Volume, Area or Homo	<i>A</i>	(Air Monitoring Only)
428-W-01		- BOOK SHELL -BOOK BOX -FILE CAR	(5) 3NET	Volume, Area or Homo	<i>A</i>	(Air Monitoring Only)
4028 W - 02		5 - BOOK SHEL -BOOK BOX	(5) 3NET	Volume, Area or Homo	<i>A</i>	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04		- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) BINET (N4)	Volume, Area or Homo	<i>□</i> / ₄ <i>□</i> / ₄ <i>□</i> / ₄	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05		- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) BINET (N4)	Volume, Area or Homo	# # # # # # # # # # # # # # # # # # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05		- BOOK SHELL -BOOK BOX -FILE CAR	(5) BINET (N4)	Volume, Area or Homo	中山	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05		- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) BINET (N4)	Volume, Area or Homo	# # # # # # # # # # # # # # # # # # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05		- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) BINET (N4)	Volume, Area or Homo	# # # # # # # # # # # # # # # # # # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05		- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) BINET (N4)	Volume, Area or Homo	# # # # # # # # # # # # # # # # # # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05	ROOM AHOZE	- BOOK SHELL - BOOK BOX - FILE CAR - BOOK BOX	(5) SWET . (N4)]]]	# # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05	ROOM AHOZE	5 - BOOK SHELL -BOOK BOX -FILE CAR -BOOK BOX - COUCH -PRINTE	(5) SWET . (N4)]]]	# # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05	ROOM AHOZE	5 - BOOK SHELL -BOOK BOX -FILE CAR -BOOK BOX - COUCH -PRINTE	(5) SWET . (N4)]]]	# # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05	ROOM AHOZE	5 - BOOK SHELL -BOOK BOX -FILE CAR -BOOK BOX - COUCH -PRINTE	(S) RNET (NY) R e Specifications,	J J Processing Methods, Limits of	# # #	(Air Monitoring Only)
4028 - W - 01 4028 - W - 02 4028 - W - 03 4028 - W - 04 4028 - W - 05	ROOM AHOZE	5 - BOOK SHELL -BOOK BOX -FILE CAR -BOOK BOX - COUCH -PRINTE	(S) RNET (NY) R e Specifications,]]]	# # #	(Air Monitoring Only)
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520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420316 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA KH Room A4030

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 4:20 PM

Analysis Date: 09/09/2024 **Collected Date**: 09/06/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments	
4030-01	929	Chrysotile	<2.99	136	<407		
322420316-0001							
4030-02	929	None Detected	<2.99	136	<407		
322420316-0002							
4030-03	929	None Detected	<2.99	136	<407		
322420316-0003							
4030-04	929	None Detected	<2.99	136	<407		
322420316-0004		20100104					
4030-05	929	None Detected	<2.99	136	<407		
322420316-0005							
4030-06	929	None Detected	<2.99	136	<407		
322420316-0006		Detected					

Analyst(s):	
Lishuang Zheng (6)	Jerry Drapala Ph.D, Laboratory Manager
	or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

Initial report from: 09/09/2024 17:44:55

OrderID: 322420316



Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420316

PHONE: 800-303-0047 EMAIL: pasadenalab@latesting

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vili provide)		1 ~	Sampled By Signature:	- Samples collect	Commerc	cial (Taxable)	Residential (Non-Taxable No. of Samples
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D	CM Air			Selection M - Air			
NIOSH 7400	Old Air		AHERA 40 CFR, P			- Settled Dust vac - ASTM D5755	
NIOSH 7400 w/ 8			☐ NIOSH 7402		Wipe	- ASTM D6480	
PLM EPA 600/R-S	Bulk (reporting	limit)	EPA Level II		grand grand	tative via Filtration F tative via Drop Mou	
PLM EPA NOB (<				A - Bulk	L Quality	tative via Drop Wou	штөр
POINT COUNT			TEM EPA NOB		Soil	- Rock - Vermicul	ite (reporting limit)*
400 (<0.25	A COLUMN TO A COLU		NYS NOB 198.4 (N				with milling prep (<0.25%)
The state of the s	/ CDAVIMETDIC		TEM EPA 600/R-9	3/116 w Milling P			with milling prep (<0.1%) with milling prep (<0.1%)
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process.	%)	(<0.1%)	Other Tes	st (please specif	TEM		ation Prep
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520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420135 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA- Administration Bldg Rm 606B

Phone: (562) 868-3777

Fax:

Received Date: 09/04/2024 4:05 PM

Analysis Date: 09/05/2024 **Collected Date**: 09/04/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
AB-606-1	929	Chrysotile	5	227	1140	
322420135-0001						
AB-606-2	929	Chrysotile	3	364	1090	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420135-0002						
AB-606-3	929	Chrysotile	4	364	1460	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420135-0003						
AB-606-4	929	Chrysotile	3	364	1090	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420135-0004						
AB-606-5	929	Chrysotile	4	364	1460	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420135-0005						
AB-606-6	929	Chrysotile	10	1820	18200	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420135-0006						

Analyst(s):	
Lishuang Zheng (6)	Jerry Drapala Ph.D, Laboratory Manager
3 3 7	or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

OrderID: 322420135_ OrderID: 322420135

Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420135

PHONE: 800-303-0047 EMAIL: PRINCESSANDING.COM

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Customer ID:					Billing II				
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	5Z) <u> </u>	868-377	7		E Phone:	<u> </u>			
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	1	9/118 (<1%) **)		ISO 10312*			Qualitative via	Drop Mount Prep	
PLM EPA		%}	- -	TEM TEM EPA NOB	<u>- Bulk</u>				
	0 (<0.25%) []1,000 (<0.	1%) <u> </u>	NYS NOB 198,4 (No	nn_FriaNe_NV			Vermiculite (reporting R-93/116 with milling pro	
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	0 <0.25%) <u>∏1,000</u> (⊲0.1	"	_	-			R-93/116 with milling pro	
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NYS 198.1	1.	- NY) on-Friable - NY)					TEM Qualitative	o via Drop Mount Prep	
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Positive S	Stop - Cl	sarly identified Hon	nogeneous Areas (H <i>f</i>		1	re Size (Air Sam	oles)0,8um	0.45um	
Sample Numb	ber :		Sample Location	/ Description		Volume, Area	or Homogeneous Area	Date / Time Sa (Air Monitoring	
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520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420312 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA- Administration Bldg 606C

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 4:20 PM

Analysis Date: 09/09/2024 **Collected Date**: 09/06/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
606B-01	929	Chrysotile	<2.99	260	<777	
322420312-0001		•				
606B-02	929	None Detected	<2.99	260	<777	
322420312-0002						
606B-03	929	Chrysotile	<2.99	1820	<5440	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420312-0003						
606B-04	929	Chrysotile	<2.99	260	<777	
322420312-0004		•				
606B-05	929	Chrysotile	<2.99	364	<1090	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420312-0005						31,311 1145 1151 1545 1541
606B-06	929	None Detected	<2.99	260	<777	
322420312-0006						

Analyst(s):	
Julie Vong (6)	Jerry Drapala Ph.D, Laboratory Manager
	or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA

OrderID: 322420312

OrderID: 322420312

Asbestos Chain of Custody (Air, Bulk, Soil) LA Teating Order Humber / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420312

PHONE: 800-303-0047 EMAIL:

							ne es Report-1	To teave this	section blank. Third-	sorty billing requires w	tion authorization.
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	Sne	cial instructions end	Vor Regulatory Rec	ultements (Sam	cle Spec	Scattens,	Processing M	ethods, Limi	is of Dataction, etc.)	.!	
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Method of Shipment: Refinquished by: Refinquished by:	\ \		Date/Time:	6.24	R	ample Co	anje		telo (uz	Data/lima	4:20

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Cuatody document by electronic signature.) ENSL Analytical, Inc. (DBA LA Testing) Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety.

Submission of samples to LA Testing constitutes acceptance and acknowledgment of all terms and conditions by Customer.



520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322420314 Customer ID: 32TESV78 Customer PO: 74930 Project ID:

Attention: Israel Monsalvo

Terra Environmental Services

12631 Imperial Hwy

Suite A225

Santa Fe Springs, CA 90670

Project: CSULA- Administration Bldg 609

Phone: (562) 868-3777

Fax:

Received Date: 09/06/2024 4:20 PM

Analysis Date: 09/10/2024 **Collected Date**: 09/06/2024

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
609-01	929	Chrysotile	<2.99	260	<777	
322420314-0001						
609-02	929	None Detected	<2.99	136	<407	
322420314-0002						
609-03	929	Chrysotile	5	260	1300	
322420314-0003		·				
609-04	929	Chrysotile	35	1820	63700	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
322420314-0004						
609-05	929	Chrysotile	<2.99	260	<777	
322420314-0005		-				
609-06	929	Chrysotile	6	260	1560	
322420314-0006						

Analyst(s):	
Julie Vong (6)	Jerry Drapala Ph.D, Laboratory Manager
3 ()	or other approved signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA

Initial report from: 09/10/2024 17:57:56

OrderID: 322420314



Asbestos Chain of Custody (Air, Bulk, Soil) LA Testing Order Number / Lab Use Only

LA Testing 520 Mission Street South Pasadena, CA 91030

#322420314

PHONE: 800-303-0047

Customer ID:				If Bill-To is the s	ame as Report-To leave this section blank. Third	d-party billing requires written authorization.
	111 -		alia de lama a	Company	Name:	
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Project Name/No: CSVL	A - AT	MINIST	TRATION BLD4	1 PM	609 Purchase Order:	74930
LAT LIMS Project ID: (If applicable, LA Testing will provide)	, , ,	74,40	Wellow Berry	US State where samples collect	State of Connecticut (CT) m	
	DEL MI	ONSAL SO	Sampled By Signature:	~	Commercial (Taxe	No. of Samples in Shipment
		1		d-Time (TAT)		
	Hour A ONLY	6 Hour TEM Air 3-6 Hour,	24 Hour 32 Hour please call ahead to schedule. 32 Hour TAT a	48 H available for select	lour 72 Hour 96 Hour tests only; samples must be submitted by 11:30 am.	1 Week 2 Week
	PCM Air			Selection - Air		
NIOSH 7400	CIN AII		AHERA 40 CFR, Par		TEM - Settled	The state of the s
☐ NIOSH 7400 w/ 8	Bhr. TWA		☐ NIOSH 7402		Wipe - ASTM D	
	- Bulk (reporting	g limit)	EPA Level II		Qualitative via F	Filtration Prep
PLM EPA 600/R-			ISO 10312*	Dulle	Qualitative via	Orop Mount Prep
PLM EPA NOB (<1%)		TEM EPA NOB	- Bulk	Soil - Book -	Vermiculite (reporting limit)*
☐400 (<0.25	5%) 🗖 1.00	0 (<0.1%)	NYS NOB 198.4 (No	n-Friable-NY)		R-93/116 with milling prep (<0.25%)
POINT COUNT	Description of the last of the		TEM EPA 600/R-93/		A STATE OF THE PARTY OF THE PAR	R-93/116 with milling prep (<0.1%)
400 (<0.25		0 (<0.1%)				R-93/116 with milling prep (<0.1%)
NIOSH 9002 (<1	%)		Other Test ((please specif	TEM Qualitative	e via Filtration Prep
NYS 198.1 (Friab					TEM Qualitative	e via Drop Mount Prep
NYS 198.6 NOB		ΙΥ)				
(Vein	income Oivi-v)		*Please call with yo	our project-spec	fic requirements.	
Positive Stop - (Clearly Identifie	d Homogeneou	s Areas (HA)	Filter Porc	Size (Air Samples) 0.8um	0.45um
Sample Number		Samp	le Location / Description		Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
609-01	RM	609	- DESK		1 ф	9.6.24
609-02			SHELF		上旗	
609 - 03			WINDOW	V 501		
609-04			WINDOW	316	1 75	
	-		7200			
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609-06			Froon	•	JФ	V
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	Spe	cial Instructions ar	nd/or Regulatory Requirements (Sampl	le Specifications	Processing Methods, Limits of Detection, etc.)	
		1				
Method of Shipment:				Sample Co	ondition Upon Receipt:	
Relinquished by: 15RA	a n/		Date/Time: 9-6-24	Received	CA III CO CO CO CO	Paterine 29 4.20
Relinquished by:			Date/Time:	Received	by:	Date/Time
Controlled Document - COC-05 LAT	Asbestos R7 04/23/20:	21			t to signing this Chain of Custody document by	



CONSULTANT CERTIFICATIONS

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200232-0

LA Testing

South Pasadena, CA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2023-07-01 through 2024-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LA Testing

520 Mission Street South Pasadena, CA 91030 Mr. Jerry Drapala Ph.D.

Phone: (323) 254-9960 Fax: (323) 254-9982 Email: jdrapala@latesting.com http://www.latesting.com

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200232-0

Bulk Asbestos Analysis

<u>Code</u> <u>Description</u>

18/A01 EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of

Asbestos in Bulk Insulation Samples

18/A03 EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code Description

18/A02 U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and

Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40

CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program



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

Israel Monsalvo

Certification No.

Expires on

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:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:

Lead Inspector/Assessor

LRC-00001220

9/1/2024

Lead Project Monitor

LRC-00001219

9/1/2024

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

Israel Monsalvo, CAC, CDPH-I/A & PM

Cal/OSHA-Certified Asbestos Consultant #04-3551

California Department of Public Health-Certified I/A, PM #LRC-00001220