



**ENTEK  
CONSULTING GROUP, INC.**

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**HAZARDOUS MATERIALS SURVEY  
FINAL REPORT**

**OWNER/CLIENT**

**UC Davis Medical Center  
Facilities Planning & Development  
Capital Infrastructure  
4800 2<sup>nd</sup> Avenue, Suite 2600/3100  
Sacramento, CA 95817**

**CONTACT**

**Mr. Michael Gomez  
Project Manager**

**SURVEY ADDRESS**

**UC Davis MIND Institute  
2805 50<sup>th</sup> Street  
Sacramento, California 95817**

**BUILDING SURVEYED**

**MIND Institute – Building 26  
MIND IT Modernization (Net V2) Project**

**PREPARED BY**

**Karl Suarez  
CAC # 21-6935 and CDPH IA #11068  
Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677**

**Entek Project #24-7143**

**May 9, 2024**



## TABLE OF CONTENTS

Executive Summary .....	3
Introduction .....	4
Building Description .....	4
Asbestos Inspection and Sample Collection Protocols .....	4
Asbestos Bulk Sample Results.....	5
Asbestos Regulatory Requirements.....	6
Lead Inspection, Sampling, & Results .....	6
Lead Regulatory Compliance .....	7
Limitations .....	7

### Appendices

- A. Asbestos Related Documents
- B. Lead Related Documents
- C. Backup Documents

## Executive Summary

Entek Consulting Group, Inc. (Entek) is pleased to provide Mr. Michael Gomez, Project Manager the UC Davis Medical Center Facilities Planning & Development (UCDMC FP&D) with this limited asbestos and lead survey report regarding the upcoming IT Modernization (Net V2) Project within Building 26 of the MIND Institute located on the UC Davis Medical Center campus located at 2805 50<sup>th</sup> Street in Sacramento, California.

The purpose of the inspection was to comply with the US EPA NESHAP requirements and the Sacramento Metropolitan Air Quality Management District (SMAQMD), which has jurisdiction for this project site to determine if asbestos containing materials are present which may be impacted during the upcoming Net V2 Project. It is our understanding that the MIND Institute was built in 1998. The upcoming Net V2 Project is expected to have above ceiling work (cable pulling and installation), drywall patch and paint, and installation of equipment within and around the telecommunication (telecom) rooms throughout Building 26 of the MIND Institute.

The United States Environmental Protection Agency, National Emission Standards for Hazardous Air Pollutants (US EPA NESHAP), 40 CFR Part 61 - Nov. 20, 1990, requires an owner or operator of a demolition or renovation project to thoroughly inspect the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos-containing materials (ACM) prior to the commencement of that project.

The attached drawing shows approximate sample locations and also identify those bulk sample materials analyzed and found to contain asbestos greater than 1% with a (+) after the sample number. Materials analyzed and found to contain less than 1% asbestos or reported as none detected have a (-) after each sample number. However, in some cases when several samples of one homogenous material are collected, sometimes not all samples are analyzed by the laboratory. In this instance, if one sample for a homogeneous material is reported as containing asbestos greater than 1%, then the remaining samples in the series that are not analyzed are assumed to contain asbestos greater than 1%. For the purposes of this report, all samples that were not analyzed in a series are assumed to contain asbestos greater than 1% and are identified on the attached drawing with a (+) after the sample number.

Contractors and other individuals who view the sample locations and associated results indicated with either a (-) or a (+) on the drawing(s) to make determinations take the risk of misidentifying a material and may arrive at determinations which are in direct conflict with the written findings of this report. This use of the drawing and the information provided on it relating to individual sample results in determining if a material does or does not contain asbestos is not recommended.

The report must be read in its entirety prior to making any interpretations or conclusions pertaining to the information. Any conclusions made by the reader about the information provided in the body of this report which are contradictory or not included in this report are the responsibility of the reader.

## Asbestos

On March 21, 2024, Entek conducted a limited asbestos and lead survey specific to the interior areas designated by Michael Gomez, Project Manager with UCDCM FP&D.

None of the materials collected were determined to contain asbestos. Specifics pertaining to individual materials are found in later parts of this report.

## Lead

Entek investigated the existing paints and coatings that may be impacted by the renovation project to determine if lead was present. All paints collected from the interior components that are expected to be impacted by the Net V2 Project were determined to be below the laboratory's detectable limit of 100 parts per million (ppm) for lead.

## **Introduction**

This report presents results of a limited asbestos and lead survey performed by Entek which included the interior building materials of Building 26 of the MIND Institute located at 2805 50<sup>th</sup> Street in Sacramento, California. These areas were designated by Michael Gomez, Project Manager with UCDCM FP&D.

The inspection was conducted on March 21, 2024, by Mr. Karl Suarez and Mr. Jonathan Gonzalez. Both are Cal/OSHA Certified Asbestos Consultants (CAC) and both are California Department of Public Health Lead Inspector Assessors (I/A).

This report was prepared for Mr. Michael Gomez, Project Manager with UCDCM FP&D.

## **Building Description**

The MIND Institute is a multistory wood framed building with a concrete slab foundation. The MIND Institute is comprised of two buildings, Building 25 and Building 26. For purposes of this report, this survey only applies to Building 26, a separate report covers the survey conducted within Building 25. The survey areas included the interior building materials expected to be impacted by the upcoming Net V2 Project. The interior finished materials consisted of 2' x 4' acoustical ceiling tiles on drop down T-bar grid system, drywall wall systems, vinyl cove base. The flooring in the telecom rooms consists mainly of finished concrete and vinyl floor tile with mastic in some rooms. The plenum space consisted of both fiberglass insulated and un-insulated HVAC ducting and water supply and return pipes, electrical conduit, fire caulking at the wall penetrations, and exposed fireproofing throughout on a metal fluted ceiling deck.

## **Asbestos Inspection and Sample Collection Protocols**

Entek included all specific designated interior materials that are expected to be impacted by the upcoming NET V2 Project.

Entek did not use any demolition methods to look within enclosed wall or ceiling cavities during this investigation. Entek did include all suspect materials observed in, on, or associated with the areas included in this report.



Bulk samples were collected of various materials suspected to contain asbestos by utilizing a power drill and coring tube, cutting the materials with a razor knife, or use of other appropriate hand tools.

Miscellaneous materials were collected from each homogenous area in a manner sufficient to determine whether the material is or is not ACM as required in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, published October 30, 1987.

Approximate locations of all samples collected during this inspection are indicated on the "Bulk Asbestos Material Analysis Request Form for Entek", which served as the chain of custody for the samples, and on the building diagram(s) attached to this report.

### **Asbestos Bulk Sample Results**

There were several materials observed which are considered "suspect" under US EPA guidelines. Under current US EPA guidelines for conducting building inspections for ACM, all "suspect" materials must be assumed to contain asbestos until otherwise determined by laboratory testing.

The samples of materials suspected of containing asbestos were submitted to Asbestech, a laboratory located in Rancho Cordova, California. These samples were subsequently analyzed utilizing USEPA Method 600 by polarized light microscopy (PLM) with dispersion staining. Asbestech is a NVLAP accredited program.

The US EPA NESHAP and SMAQMD use the terms Regulated Asbestos Containing Material (RACM), Category I, and Category II when identifying materials which contain asbestos in amounts greater than 1%. Cal/OSHA uses the term ACCM which indicates a manufactured construction material contains greater than 0.1% asbestos by weight by the PLM method. This definition can be found in Title 8, 1529.

A total of 18 bulk samples were collected of all the materials considered to be "suspect", which had not been previously sampled, and which were observed during this investigation. Some of those samples contained multiple layers which were individually analyzed to determine their asbestos content. Analysis of all samples collected was by PLM with dispersion staining.

None of the materials collected were determined to contain asbestos. Specifics pertaining to individual materials are found in later parts of this report.

Any building materials which are considered "suspect" for containing asbestos which have not been identified in this report must be assumed to contain asbestos in amounts >1% until properly investigated and/or tested.

Materials commonly excluded from being suspected of containing asbestos include, but are not limited to: unwrapped pink and yellow fiberglass insulating materials or products, foam insulation, wood, metal, plastic, or glass. All other types of building materials or coatings on the materials listed above are commonly listed as "suspect" and must be tested prior to impact by a Contractor. Work impacting these untested or newly discovered materials must cease until an investigation can be completed.

## Asbestos Regulatory Requirements

### US EPA

The property included in this survey report is located in Sacramento County. Sacramento Metropolitan Air Quality Management District (SMAQMD) has been given authority for enforcement of the NESHAP regulations by means of their own rules (Rule 902 Asbestos).

Demolition is the wrecking, taking out, or burning of any load supporting structural member. A renovation is everything else. 10-day written notification to the US EPA Region IX, CARB or local AQMD is required prior to the performance of any demolition project regardless of asbestos being present or not. This notification would also apply to any renovation project which involves the wrecking, taking out, or burning of any load bearing structural member during a renovation as well.

Since none of the materials sampled were determined to contain asbestos, a 10-day notification to the SMAQMD is not required to be submitted prior to starting work for asbestos reasons.

### Cal/OSHA

Disturbance of any ACM or ACCM could generate airborne asbestos fibers and would be regulated by Cal/OSHA. Cal/OSHA worker health and safety regulations apply during any disturbance of ACM or ACCM by a person while in the employ of another. This is true regardless of friability or quantity disturbed.

Since none of the materials anticipated to be impacted as part of this project were determined to contain asbestos, a licensed asbestos contractor, registered with Cal/OSHA is not required to perform the demolition/renovation work.

## Lead Inspection, Sampling, & Results

One (1) bulk sample of the painted surfaces expected to be impacted by the renovation project were collected and submitted to MicroTest Laboratories, Inc. These samples were subsequently analyzed by atomic absorption spectrometry (AAS). Results of the analysis are listed in the following table:

<b>Paints/Coatings/Materials Determined NOT TO Contain Lead (&lt;100 ppm)</b>	
<b>Paint/Coating Color or Material</b>	<b>Building Component</b>
White/Beige Paint	Drywall Wall Systems – Throughout

Paints determined “NOT TO” contain lead for the purposes of this report are those samples which when analyzed did not indicate lead to be present at or above the limit of detection for the analysis method used. This limit of detection was 100 parts per million (ppm). As a result, any paints shown “NOT TO” contain lead will not require any special training or work practices related to lead when impacted.

## Lead Regulatory Compliance

Any upcoming project which may result in the disturbance of lead containing products or surfaces but is not intended to remediate a lead hazard or specifically designed to remove LBP to reduce or eliminate a known hazard, would be considered “lead related construction work”.

Since no detectable amount of lead was found, CAL OSHA regulations found in 8 CCR 1532.1 Lead in Construction will not apply to this project.

## Limitations

Entek inspected only the specific designated areas identified by Michael Gomez, Project Manager with UCDCM FP&D to be included in the Net V2 Project, which did not include all areas of the building’s interior and exterior components. As a result, the information provided in this inspection report may not be used to extend the inspection results to areas not included in this report without additional review and sampling as necessary.

Entek did not perform any destructive sampling to look into ceiling and wall cavities. As a result, it may be possible for materials to be hidden in these areas which are not included in this report. Entek also did not employ any destructive measures on floors of interior spaces or exterior areas covered with asphalt, concrete, or dirt.

If any new materials not listed as having been sampled, or listed as assumed for containing asbestos or lead in this report are discovered, the new material must be assumed to contain asbestos or lead until properly inspected and tested for asbestos content.

Entek’s policy is to retain a full copy of these written documents for three (3) years once the file is closed. At the end of the 3-year period the written files will be destroyed without further notice. It is suggested copies of the file(s) are maintained as per your policy.

Entek will be providing only this electronic copy of the report and its attachments for your use. However, if you would like a hard copy of this report please do not hesitate to ask. Entek will be happy to mail the report upon receipt of your request.

Thank you for choosing Entek for your environmental needs. Please call me at (916) 632-6800 if you have any questions regarding this report.

Prepared by:



Karl Suarez  
Project Manager  
Cal/OSHA CAC # 23-7390  
CDPH I/A #11068

Reviewed by:



Blake Howes  
Vice President  
Cal/OSHA CAC #13-5015  
CDPH I/A #3315

## Appendices

- A. Asbestos Related Documents
- B. Lead Related Documents
- C. Backup Documents

## **APPENDIX A**

### **ASBESTOS RELATED DOCUMENTS**

- Bulk Asbestos Analysis Report From Asbestech
- Bulk Asbestos Material Analysis Request Form for Entek
- Asbestos Bulk Sample Location Drawing
- SMAQMD Asbestos Survey Form
- SMAQMD Demolition/Renovation Form  
(To be completed by Owner)

ASBESTECH  
 11151 Sun Center Drive, Suite B  
 Rancho Cordova, California 95670  
 Tel.(916) 481-8902 asbestech@sbcglobal.net

**Client:**  
 Entek Consulting Group, Inc.  
 4200 Rocklin Rd., Suite 7  
 Rocklin, CA 95677

**Job:**  
 24-7143 UCDCM FP&D  
 UCD MIND Institute, 2805 50th St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71075-1

Date/Time Collected: 3/21/24

Date Received: 3/22/24

NVLAP Lab Code 101442-0

Date Analyzed: 3/25/24

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-24-7143-01A	Gray sprayed on fireproofing on metal fluted deck, bldg. 26 1 <sup>st</sup> floor room 1448 south wall	NONE DETECTED	Gypsum Cellulose
01B	Gray sprayed on fireproofing on metal fluted deck, bldg. 26 1 <sup>st</sup> floor room 1448 north wall	NONE DETECTED	Gypsum Cellulose
01C	Gray sprayed on fireproofing on metal fluted deck, bldg. 26 1 <sup>st</sup> floor room 1448 east wall	NONE DETECTED	Gypsum Cellulose
01D	Gray sprayed on fireproofing on metal fluted deck, bldg. 26 2nd floor room 2448 south within room	NONE DETECTED	Gypsum Cellulose
01E	Gray sprayed on fireproofing on metal fluted deck, bldg. 26 2nd floor room 2448 center within room	NONE DETECTED	Gypsum Cellulose
02A	Red fire caulking, bldg. 26 1 <sup>st</sup> floor room 1448 east wall	NONE DETECTED	Pumice Fibrous Glass
02B	Red fire caulking, bldg. 26 1 <sup>st</sup> floor room 2448 west wall	NONE DETECTED	Pumice Fibrous Glass

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH  
 11151 Sun Center Drive, Suite B  
 Rancho Cordova, California 95670  
 Tel.(916) 481-8902 asbestech@sbcglobal.net

**Client:**  
 Entek Consulting Group, Inc.  
 4200 Rocklin Rd., Suite 7  
 Rocklin, CA 95677

**Job:**  
 24-7143 UCDCM FP&D  
 UCD MIND Institute, 2805 50th St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71075-2

Date/Time Collected: 3/21/24

Date Received: 3/22/24

NVLAP Lab Code 101442-0

Date Analyzed: 3/25/24

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-24-7143-03A	Gray 2'x4' acoustical ceiling panel, bldg. 26 1 <sup>st</sup> floor corridor 1440 west wall by room 1448	NONE DETECTED	Cellulose Pumice
03B	Gray 2'x4' acoustical ceiling panel, bldg. 26 2nd floor corridor 2440 west wall by room 2448	NONE DETECTED	Cellulose Pumice
04A	White drywall, bldg. 26 1 <sup>st</sup> floor room 1448 SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
04B	White drywall, bldg. 26 2nd floor room 1448 NE corner of room 2448	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
05A	Gray concrete flooring, bldg. 26 1 <sup>st</sup> floor room 1448 center within room	NONE DETECTED	Granular Mins.
05B	Gray concrete flooring, bldg. 26 2nd floor room 2448 center within room	NONE DETECTED	Granular Mins.

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH  
 11151 Sun Center Drive, Suite B  
 Rancho Cordova, California 95670  
 Tel.(916) 481-8902 asbestech@sbcglobal.net

**Client:**  
 Entek Consulting Group, Inc.  
 4200 Rocklin Rd., Suite 7  
 Rocklin, CA 95677

**Job:**  
 24-7143 UCDCM FP&D  
 UCD MIND Institute, 2805 50th St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71075-3  
 Date/Time Collected: 3/21/24  
 Date Received: 3/22/24

NVLAP Lab Code 101442-0  
 Date Analyzed: 3/25/24

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-24-7143-06A	White skim coat wall texture, bldg. 26 1 <sup>st</sup> floor room 1448 south wall	NONE DETECTED	Calcite
06B	White skim coat wall texture, bldg. 26 1 <sup>st</sup> floor room 1448 east wall	NONE DETECTED	Calcite
06C	White skim coat wall texture, bldg. 26 2 <sup>nd</sup> floor room 2448 west wall	NONE DETECTED	Calcite
07A	Black 4" vinyl base cove, bldg. 26 2 <sup>nd</sup> floor room 2448 south wall	NONE DETECTED	Calcite Opagues
	Tan mastic	NONE DETECTED	Calcite
07B	Black 4" vinyl base cove, bldg. 26 2 <sup>nd</sup> floor room 2448 east wall	NONE DETECTED	Calcite Opagues
	Tan mastic	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.





# BULK ASBESTOS MATERIAL *Analysis Request*

71075

**ENTEK CONSULTING GROUP, INC.**  
4200 ROCKLIN ROAD, SUITE 7  
ROCKLIN, CA 95677  
(916) 632-6800 PHONE  
(916) 632-6812 FAX  
[mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com)

**Date of Sampling:** 3/21/24

**Lab:** Asbestech

**Job Number:** 24-7143

**Collected by:** Karl Suarez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Wednesday, 3/27/24, By End of Day

**Site Address:** UCD MIND Institute  
2805 50th Street  
Sacramento, CA 95817

**ANALYSIS REQUESTED:** Asbestos by PLM with Dispersion Staining

**Special Instructions:** Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at [mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com) and [ksuarez@entekgroup.com](mailto:ksuarez@entekgroup.com) as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-24-7143-01A	Gray Sprayed on Fireproofing on Metal Fluted Deck – Building 26, 1 <sup>st</sup> Floor, Room 1448, South Wall
ECG-24-7143-01B	Gray Sprayed on Fireproofing on Metal Fluted Deck – Building 26, 1 <sup>st</sup> Floor, Room 1448, North Wall
ECG-24-7143-01C	Gray Sprayed on Fireproofing on Metal Fluted Deck – Building 26, 1 <sup>st</sup> Floor, Room 1448, East Wall
ECG-24-7143-01D	Gray Sprayed on Fireproofing on Metal Fluted Deck – Building 26, 2 <sup>nd</sup> Floor, Room 2448, South Within Room
ECG-24-7143-01E	Gray Sprayed on Fireproofing on Metal Fluted Deck – Building 26, 2 <sup>nd</sup> Floor, Room 2448, Center Within Room
ECG-24-7143-02A	Red Fire Caulking – Building 26, 1 <sup>st</sup> Floor, Room 1448, East Wall
ECG-24-7143-02B	Red Fire Caulking – Building 26, 1 <sup>st</sup> Floor, Room 2448, West Wall
ECG-24-7143-03A	2' x 4' Acoustical Ceiling Panel, Building 26, 1 <sup>st</sup> Floor, Corridor 1440, West Wall By Room 1448
ECG-24-7143-03B	2' x 4' Acoustical Ceiling Panel, Building 26, 2 <sup>nd</sup> Floor, Corridor 2440, West Wall By Room 2448
ECG-24-7143-04A	Drywall and Joint Compound – Building 26, 1 <sup>st</sup> Floor, Room 1448, Southeast Corner

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7143 MIND 26 NetV2 - AsbPbIH/Bulk Asb/Bulk Asb Rqst Portrait 00-00-00.docx>

**Delivered by:**



**Date:**

3/22/24

**Time:**

3:15 AM/PM

**Received by:**



**Date:**

3/22/24

**Time:**

3:15 AM/PM



71075

# BULK ASBESTOS MATERIAL *Analysis Request*

**ENTEK CONSULTING GROUP, INC.**  
4200 ROCKLIN ROAD, SUITE 7  
ROCKLIN, CA 95677  
(916) 632-6800 PHONE  
(916) 632-6812 FAX  
[mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com)

**Date of Sampling:** 3/21/24

**Lab:** Asbestech

**Job Number:** 24-7143

**Collected by:** Karl Suarez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Wednesday, 3/27/24, By End of Day

**Site Address:** UCD MIND Institute  
2805 50th Street  
Sacramento, CA 95817

**ANALYSIS REQUESTED:** Asbestos by PLM with Dispersion Staining

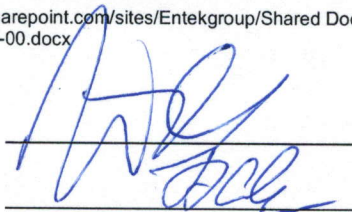
**Special Instructions:** *Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.*

*Please e-mail results at [mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com) and [ksuarez@entekgroup.com](mailto:ksuarez@entekgroup.com) as soon as available and include copy of submittal with those results.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-24-7143-04B	Drywall and Joint Compound – Building 26, 2 <sup>nd</sup> Floor, Room 1448, Northeast Corner of Room 2448
ECG-24-7143-05A	Gray Concrete Flooring – Building 26, 1 <sup>st</sup> Floor, Room 1448, Center within Room
ECG-24-7143-05B	Gray Concrete Flooring – Building 26, 2 <sup>nd</sup> Floor, Room 2448, Center within Room
ECG-24-7143-06A	Skim Coat Wall Texture – Building 26, 1 <sup>st</sup> Floor, Room 1448, South Wall
ECG-24-7143-06B	Skim Coat Wall Texture – Building 26, 1 <sup>st</sup> Floor, Room 1448, East Wall
ECG-24-7143-06C	Skim Coat Wall Texture – Building 26, 2 <sup>nd</sup> Floor, Room 2448, West Wall
ECG-24-7143-07A	4" Black Vinyl Base Cove with Tan Mastic – Building 26, 2 <sup>nd</sup> Floor, Room 2448, South Wall
ECG-24-7143-07B	4" Black Vinyl Base Cove with Tan Mastic – Building 26, 2 <sup>nd</sup> Floor, Room 2448, East Wall

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7143 MIND 26 NetV2 - AsbPbIH/Bulk Asb/Bulk Asb Rqst Portrait 00-00-00.docx>

Delivered by:



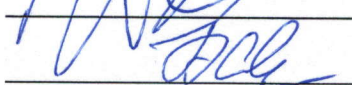
Date:

3/22/24

Time:

3:15 AM/PM

Received by:



Date:

3/22/24

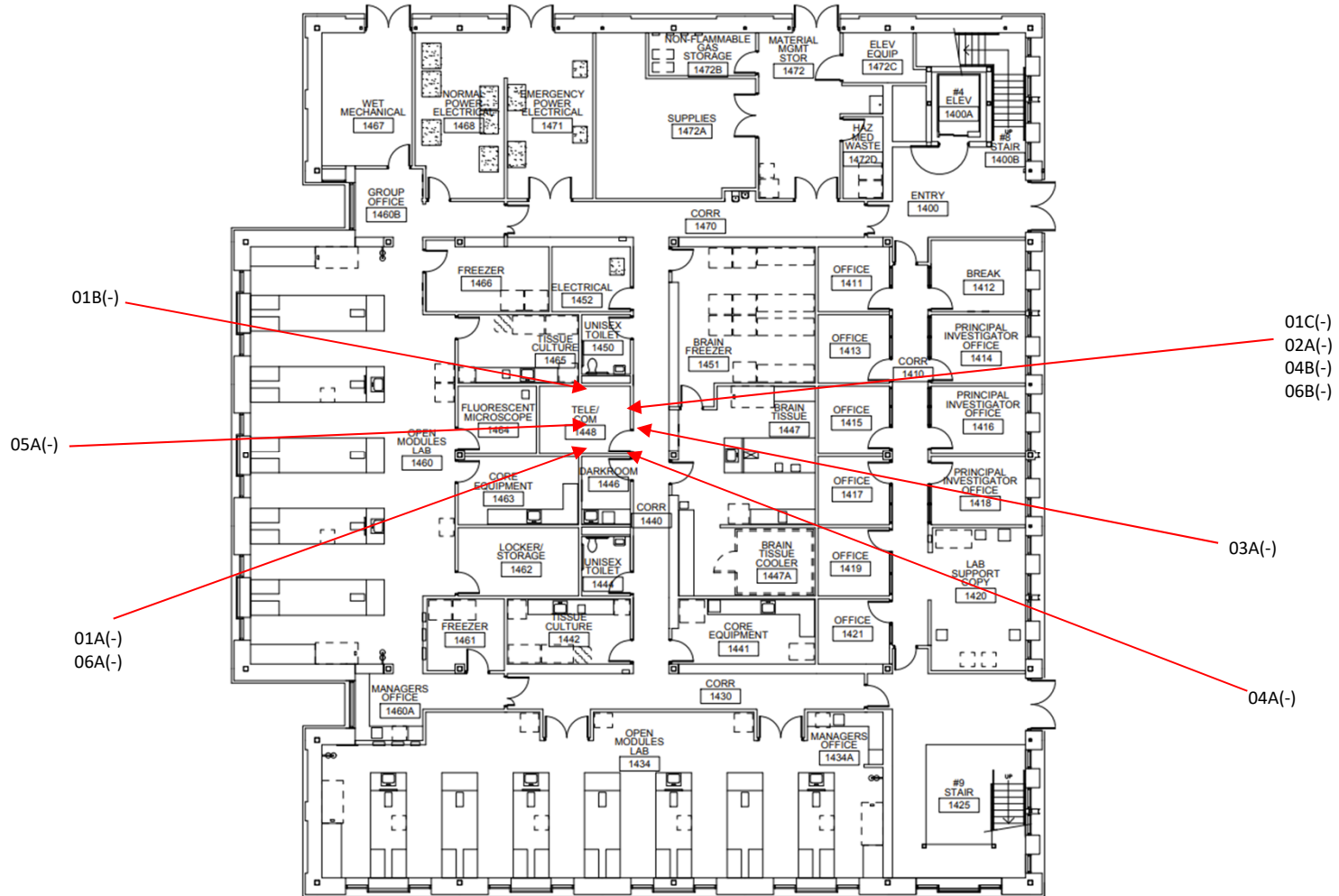
Time:

3:15 AM/PM





UC Davis Health  
Mind Institute – Building 26  
1<sup>st</sup> Floor



UCDMC FP&D  
MIND Institute – Building 26  
2805 50<sup>th</sup> Street  
Sacramento, CA 95817

Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Bulk Asbestos Sampling Map  
Collected by Karl Suarez & Jonathan Gonzalez  
On 3/21/24  
Project Number 24-7143



# Asbestos Survey Form

(See Instructions)

777 12<sup>th</sup> Street, 3<sup>rd</sup> Floor  
 Sacramento, CA 95814  
 Office (916) 874-4800  
 Fax (916) 874-4899  
 Email:  
[asbestos@airquality.org](mailto:asbestos@airquality.org)

<b>1. Purpose of Survey</b>		<input type="checkbox"/> Renovation		<input type="checkbox"/> Demolition		
<b>2. Facility Information</b>						
Project Area(s) Description						
Address			City		# of Structures	
<b>3. Owner Information</b>						
Name						
Address			City/State		Zip	
Contact		Phone		Fax	Email	
<b>4. Consultant Information</b>			<b>Survey Date(s):</b>			
Company Name    Entek Consulting Group, Inc.						
Name					DOSH #	
Address 4200 Rocklin Road, Suite 7			City/State Rocklin, California		Zip 95677	
Phone (916) 632-6800		Fax (916) 632-6812		Email	Signature 	
<b>5. Client Information (If different than owner)</b>						
<input type="checkbox"/> Architect		<input type="checkbox"/> General Contractor		<input type="checkbox"/> Insurance Company		
		<input type="checkbox"/> Property Manager		<input type="checkbox"/> Other _____		
Name						
Address			City/State		Zip    95678	
Contact		Phone		Fax	Email	
<b>6. Have all of the suspect materials that will be disturbed been sampled?</b>					<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If no, explain why:						
<b>7. Summary of Total Asbestos Containing Material (ACM) Findings</b>						
<b>Regulated Asbestos Containing Material (RACM)</b> <small>(Includes materials subject to known mechanical removal and fire damaged materials)</small>			<b>Category II</b>		<b>Category I</b>	
Square Ft.	Linear Ft.	Cubic Ft.	Square Ft.	Linear Ft.	Square Ft.	Linear Ft.
<b>To receive future SMAQMD Rule updates and changes affecting your industry (check one box):</b>						
<input type="checkbox"/> Please send e-mail notices to			<input type="checkbox"/> I will sign up myself at <a href="http://www.airquality.org/listserve/">www.airquality.org/listserve/</a> to receive emailed notices.			
<input checked="" type="checkbox"/> I am already subscribed.		<input type="checkbox"/> I want the District to mail notices to the address on this application:			<input type="checkbox"/> Owner	<input type="checkbox"/> Consultant

# Asbestos Renovation/Demolition Notification Form

<b>1</b>	Building Department Permit Application # (if known) : _____	<input type="checkbox"/> Renovation (Do not complete Section 5) <input type="checkbox"/> Demolition (Complete all sections) <input type="checkbox"/> Ordered Demo - Attach ordered demo letter <input type="checkbox"/> Emergency Demo - SMAQMD Emergency #: _____
----------	--	---

<b>2</b>	Contractor	Owner
	Address	Address
	City, State / Zip	City, State / Zip
	Email	Email
	Telephone	Telephone

<b>3</b>	Structure Name	Renovation Area	# of Floors
	Project Address	City / Zip	Year Built

<b>4</b>	Preference for return of form	<input type="checkbox"/> E-mail : _____	<input type="checkbox"/> Other : _____
----------	-------------------------------	---	--


**DEMOLITION ONLY** – Start date must be at least 10 working days from the day of your postmark or hand delivery of this form.

<b>5</b>	Start Date _____/_____/_____	Revision # 1 2 3 4 5 6 7 8 9 (circle)
	Completion Date _____/_____/_____	New Start Date _____/_____/_____
		New Completion Date _____/_____/_____
Method of Demo (Check Applicable): <input type="checkbox"/> Manual/Hand Tools <input type="checkbox"/> Mechanical/Heavy Equipment <input type="checkbox"/> Other		
Procedure to be followed if RACM is found or Category II material becomes friable:		

*I have read and understand the directions. The information on this form is true and accurate.  
 I certify that the asbestos survey conducted represents the facility as built.*

<b>6</b>	Applicant Name (Print)	<input type="checkbox"/> Owner <input type="checkbox"/> Rep / Agent <input type="checkbox"/> Contractor	Permit may be issued on:
	Phone Number		
	Applicant's Signature	Date	

**Have DOSH Consultant complete and sign below OR attach completed Asbestos Survey Form and Consultant's report.**

<b>CONSULTANT USE ONLY</b>	Company Name	Telephone		
	Surveyor Name	DOSH #	Survey Date	
	Analytical Method	Pt Count Materials <10%? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Declined by Client		
	Amount of RACM	Square Feet	Linear Feet	Cubic Feet
	Amount of Category I		Amount of Category II	
	Project Address		City	Zip
	Suspect Materials Present? <input type="checkbox"/> Yes <input type="checkbox"/> No		Consultant's Signature 	

**SMAQMD USE ONLY**

Date Received / Date Postmarked \_\_\_\_\_ Date Approved & Returned \_\_\_\_\_

Project # \_\_\_\_\_ Check # \_\_\_\_\_ Receipt # \_\_\_\_\_ Amount Paid \_\_\_\_\_ Staff \_\_\_\_\_



## **APPENDIX B**

### **LEAD RELATED DOCUMENTS**

- Lead in Paint Samples Analysis Report From Microtest
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawing
- Lead Hazard Evaluation Report (CDPH 8552)



**MicroTest Laboratories, Inc. | AIHA ELPAT #160934**  
 3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670  
 PH 916.567.9808 | FX 916.404.0302  
 www.microtestlabsinc.com | service@microtestlabsinc.com

\*\*\*for office use only\*\*\*

**Project ID**  
**L34612**

**CLIENT INFORMATION**

**Company** Entek Consulting Group, Inc  
**Name** Ryan Metzen  
**Address** 4200 Rocklin Road, Suite 7  
 Rocklin, CA 95677  
**Phone** 916.632.6800  
**Email** mainoffice@entekgroup.com  
 rmetzen@entekgroup.com

**SAMPLE**

**Date** Thursday, March 21, 2024  
**Time**

**JOB SITE INFORMATION**

**Sampler** Karl Suarez & Jonathan Gonzalez  
**Project** UCDCM FP&D  
**Site** UCD MIND Institute  
**Address** 2825 50th Street  
 Sacramento, CA 95817  
**Job #** 24-7143  
**PO #**




**Lead in Paint/Bulk Analysis by Flame AA - EPA METHOD 7420/7000B**

Client	Laboratory	Client	Reporting			
Sample ID	Sample ID	Sample Description	Matrix	Results	Limits (RL)	Comments
ECG-24-7143-01Pb	L34612	White/Beige Paint on Drywall Walls Throughout, MIND Institute, Building 26, 2nd Floor, By Entrance to Room 2448	Paint	<RL % Wt <RL PPM	0.01 %Wt 100 PPM	

**Date Received:** Monday, April 22, 2024  
**Date Analyzed:** Tuesday, April 23, 2024  
**Date Reported:** Wednesday, April 24, 2024

**Analyst:** Erich Bowman

**Authorized Signatory:**   
 Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated to the specific samples analyzed. Samples have NOT been corrected for blank values. EPA 3050B Mod.



**BULK LEAD MATERIAL** *Analysis Request*

**Project ID:** L34612  
**Client:** Entek  
**Receipt Date:** 04/22/24  
**Count:** 1 **TAT:** 3-Day

**ENTEK CONSULTING GROUP, INC.**  
4200 ROCKLIN ROAD, SUITE 7  
ROCKLIN, CA 95677  
(916) 632-6800 PHONE  
(916) 632-6812 FAX  
[mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com)

**Date of Sampling:** 3/21/24

**Lab:** MicroTest

**Job Number:** 24-7143

**Collected by:** Karl Suarez & Jonathan Gonzalez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Standard, Thursday, 4/25/24, By End of Day

**Site Address:** UCD MIND Institute  
2805 50th Street  
Sacramento, CA 95817

**ANALYSIS REQUESTED:** Lead by Flame Atomic Absorption Spectroscopy

**Special Instructions:** *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-24-7143-01Pb	White/Beige Paint on Drywall Walls Throughout, MIND Institute, Building 26, 2 <sup>nd</sup> Floor, By Entrance to Room 2448

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7143 MIND 26 NetV2 - AsbPbIH/Bulk Pb/Bulk Pb Rqst Portrait 00-00-00.docx>

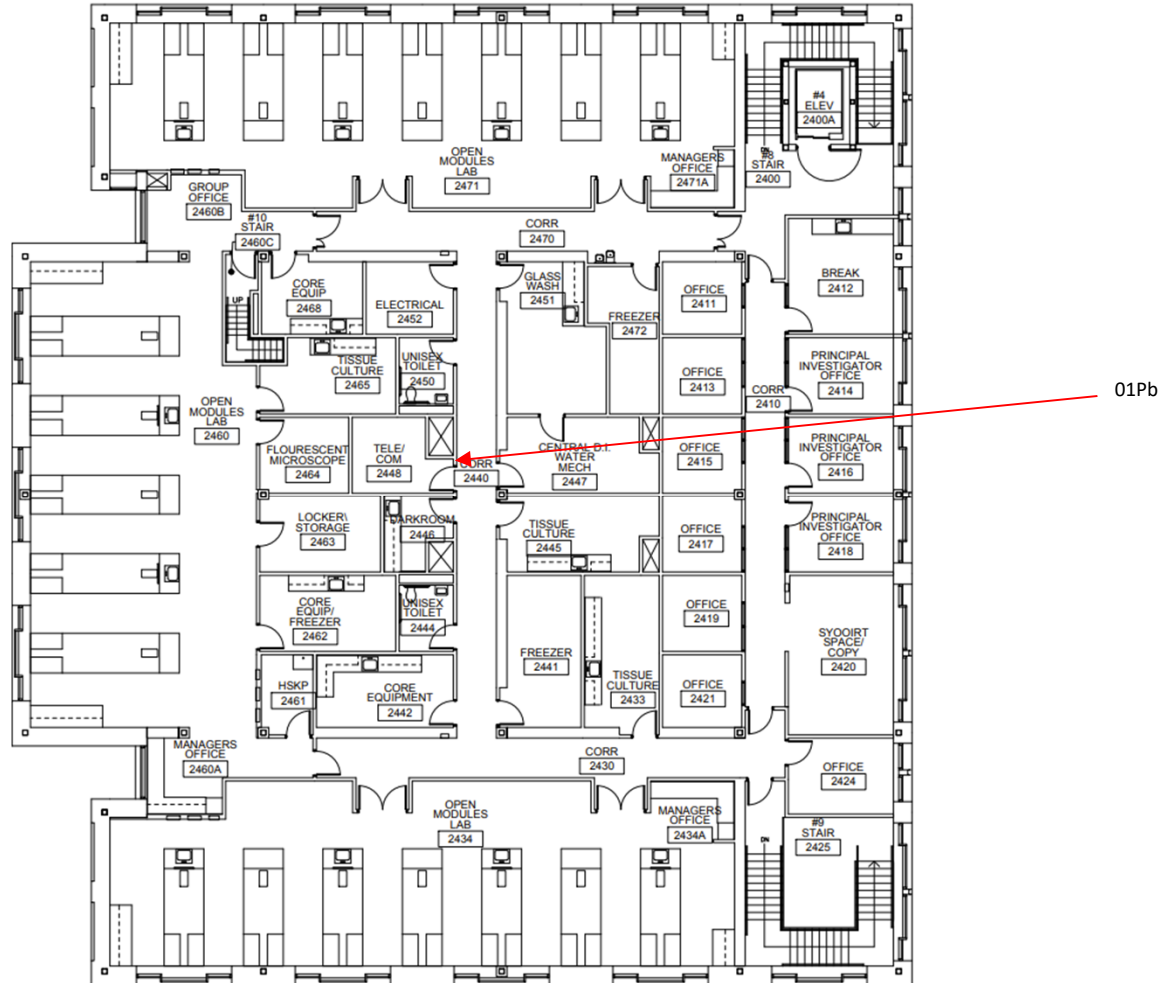
Delivered by: Karl Suarez Date: 4/22/24 Time: 8:35 AM/PM

Received by: [Signature] Date: 04/22/24 Time: 09:00 AM/PM





UC Davis Health  
Mind Institute – Building 26  
2<sup>nd</sup> Floor



01Pb

UCDMC FP&D  
MIND Institute – Building 26  
2805 50<sup>th</sup> Street  
Sacramento, CA 95817

Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Bulk Lead Paint Sampling Map  
Collected by Karl Suarez & Jonathan Gonzalez  
On 3/21/24  
Project Number 24-7143

## LEAD HAZARD EVALUATION REPORT

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

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

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

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

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

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

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code

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

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

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

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
CDPH certification number	Signature		Date	

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

**Section 7 – Attachments**

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

First copy and attachments retained by inspector  
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

## **APPENDIX C**

### **BACK UP DOCUMENTATION**

- Site Map
- Photo Log
- Inspector Accreditations and Certifications
- Laboratory Accreditations for Asbestos and Lead Analysis

UC Davis Health  
Mind Institute – Site Map



Building  
26

Building  
25

UCDMC FP&D  
MIND Institute – Building 26  
2805 50<sup>th</sup> Street  
Sacramento, CA 95817

Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Site Map  
Project Number 24-7143

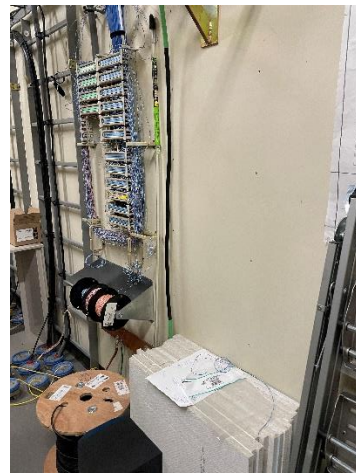


# Photo Log

Job Number:	24-7143	Date:	3/21/24
Client:	UCDMC FP&D		
Site Address:	UCD MIND Institute – Building 26 – 2805 50 <sup>th</sup> Street, Sacramento, CA 95817		



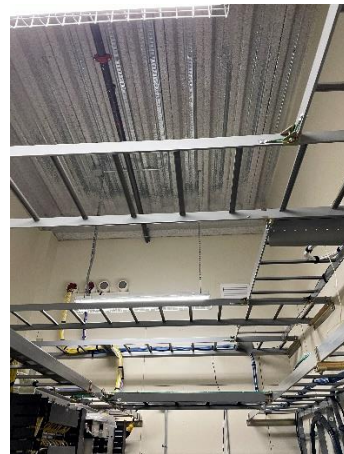
View inside one of the telecom rooms



View of the wiring within one of the telecom rooms



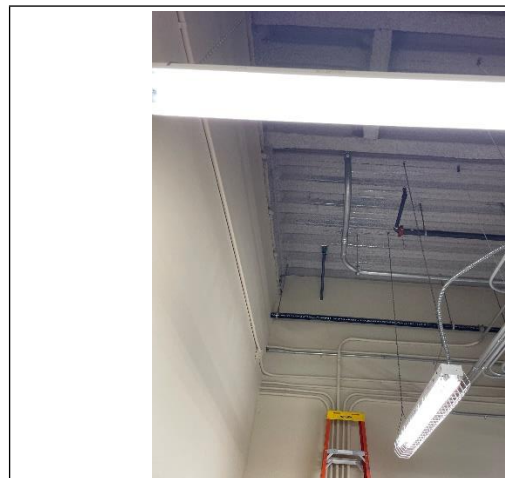
View of the ceiling within one of the telecom rooms



Additional view of the ceiling within one of the telecom rooms

# Photo Log

Job Number:	24-7143	Date:	3/21/24
Client:	UCDMC FP&D		
Site Address:	UCD MIND Institute – Building 26 – 2805 50 <sup>th</sup> Street, Sacramento, CA 95817		



Additional view of the ceiling within one of the telecom rooms



View above ceiling showing fiberglass insulated piping and HVAC ducting



Additional view above ceiling showing fiberglass insulated piping and HVAC ducting



Additional view above ceiling showing fiberglass insulated piping and HVAC ducting

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

**Karl S. Suarez**

Name



Certification No. **23-7390**

Expires on **06/16/24**

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

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

**Jonathan A Gonzalez**

Name



Certification No. **22-7153**

Expires on **07/15/24**

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





STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



## LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00011068	4/7/2025
	Lead Sampling Technician	LRC-00008454	3/25/2024

**Karl Suarez**

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



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



## LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 <b>Jonathan Gonzalez</b>	Lead Inspector/Assessor	LRC-00011323	6/7/2024
	Lead Sampling Technician	LRC-00008455	3/25/2024

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

United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2017**

---

NVLAP LAB CODE: 101442-0

**ASBESTECH**  
Rancho Cordova, 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).*

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2023-07-01 through 2024-06-30

*Effective Dates*



A handwritten signature in black ink, appearing to read 'David S. Lamm', written over a horizontal line.

*For the National Voluntary Laboratory Accreditation Program*

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**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**ASBESTECH**

11151 Sun Center Drive, Suite B

Rancho Cordova, CA 95670

Mr. Tommy Conlon

Phone: 916-481-8902 Fax: 916-481-3975

Email: [asbestech@sbcglobal.net](mailto:asbestech@sbcglobal.net)

<http://www.asbestechlab.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101442-0**

**Bulk Asbestos Analysis**

Code

Description

18/A03

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

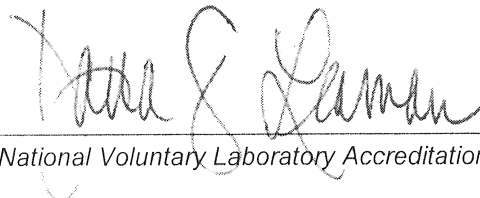
**Airborne Asbestos Analysis**

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.



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For the National Voluntary Laboratory Accreditation Program



STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF  
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

**MicroTest Laboratories, Inc.**

3110 Gold Canal Drive

Rancho Cordova, CA 95670

Scope of the certificate is limited to the  
"Fields of Accreditation"  
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2974**

Effective Date: **7/1/2022**

Expiration Date: **6/30/2024**

A handwritten signature in blue ink, appearing to read "Christine Sotelo".

Sacramento, California  
subject to forfeiture or revocation

Christine Sotelo, Program Manager  
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Fields of Accreditation**



**MicroTest Laboratories, Inc.**

3110 Gold Canal Drive  
Rancho Cordova, CA 95670  
Phone: 9165679808

**Certificate Number: 2974  
Expiration Date: 6/30/2024**

**Field of Accreditation:114 - Inorganic Constituents in Hazardous Waste**

114.345 002	Antimony	EPA 6020 B
114.345 003	Arsenic	EPA 6020 B
114.345 004	Barium	EPA 6020 B
114.345 005	Beryllium	EPA 6020 B
114.345 006	Cadmium	EPA 6020 B
114.345 008	Chromium	EPA 6020 B
114.345 009	Cobalt	EPA 6020 B
114.345 010	Copper	EPA 6020 B
114.345 012	Lead	EPA 6020 B
114.345 016	Nickel	EPA 6020 B
114.345 018	Selenium	EPA 6020 B
114.345 021	Thallium	EPA 6020 B
114.345 023	Zinc	EPA 6020 B
114.345 024	Molybdenum	EPA 6020 B
114.515 001	Lead	EPA 7420
114.545 001	Mercury	EPA 7471 B

**Field of Accreditation:115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste**

115.055 001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.085 001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311

**Field of Accreditation:121 - Bulk Asbestos Analysis of Hazardous Waste**

121.010 001	Bulk Asbestos	EPA 600/M4-82-020
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