



**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 Health Education Building  
4610 X Street  
Sacramento, CA 95817**

**BUILDING(S) SURVEYED**

**UC Davis Health Education Building  
NET V2 Project**

**PREPARED BY**

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

**Entek Project #24-7156**

**May 10, 2024**

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- C. Backup Documents

## **Executive Summary**

Entek Consulting Group, Inc. (Entek) is pleased to provide Mr. Michael Gomez, Project Manager with 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 the Education Building located on the UC Davis Medical Center campus located at 4610 X 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 Education Building was built in 2006. 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 the Education Building.

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.

Contractors and other individuals who view the sample locations and associated results indicated with either a (-) or a (+) on the drawing 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.

This is a summary of the report. The report must be read in its entirety, and the reader must review all the detailed information provided in the body of the report 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 April 4, 2024, Entek conducted a limited asbestos and lead survey specific to the interior areas designated by Michael Gomez, Project Manager with UCDMC 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 that would be potentially impacted in an effort to determine if lead was present. One paint sample of the white/beige paint on the drywall wall was collected and was determined to contain lead in amounts less than 5,000 parts per million (ppm) and is classified as lead containing paint (LCP). This sample was collected above the T-bar grid ceiling in the corridor adjacent to IDF Room 1111 on the upper east section of the drywall next to the metal fluted deck and an overhead structural I-beam. Entek recommended that any work designated by California Occupational Safety Health Administration (Cal/OSHA) as a “trigger task” which will impact the paint above ceiling in this area must be done by properly trained personnel, in compliance with all lead related Cal/OSHA regulations and requirements.

Since detectable levels of lead were found on the paint chip samples collected on April 4, 2024, Entek returned to collect additional paint samples on April 29 to determine the extent of the lead in paint throughout the Education Building. One additional sample of the beige/white paint on the drywall wall system was collected within IDF room 1111 and was found to be below the laboratory’s detectable limit for lead. All other additional paint samples were also found to be below the laboratory’s detectable limit for lead.

Through additional sampling, Entek verified that the lead containing paint that was found is only found above ceiling in the corridor adjacent to IDF room 1111. Additional paint samples that were collected were analyzed to below the laboratory’s detectable limit. Since no detectable amount of lead was found elsewhere, CAL OSHA regulations found in 8 CCR 1532.1 Lead in Construction will only apply to the paint found above ceiling in the corridor adjacent to IDF Room 1111.

## **Introduction**

This report presents results of a limited asbestos and lead survey performed by Entek which included the interior building materials of the Education Building located at 4610 X Street in Sacramento, California. These areas were designated by Michael Gomez, Project Manager with UCDCM FP&D.

The limited asbestos and lead survey was conducted by Mr. Karl Suarez on April 4, 2024. Mr. Suarez is a Cal/OSHA Certified Asbestos Consultant (CAC) and California Department of Public Health (CDPH) Lead Inspector/Assessor.

## **Building Description**

The UC Davis Health Education Building is a multi-story, steel framed structure on a concrete slab foundation used for administrative and educational purposes. 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 panels on a drop-down T-bar grid system, drywall wall systems, and 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 Laboratory, which is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory to complete this analysis. These samples were subsequently analyzed by polarized light microscopy (PLM) with dispersion staining by the EPA 600R/R-93/116 method.

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 17 bulk samples were collected of all "suspect" materials that were observed during this investigation. Some of those samples contained multiple layers which were individually analyzed to determine their asbestos content. Results of the analysis are listed in the following table:

| Suspect Materials Found NOT TO Contain Asbestos |   |                          |                  |                                 |
|---|---|--------------------------|------------------|---------------------------------|
| UCDH Education Building                         |   |                          |                  |                                 |
| Sample ID#'s                                    | Suspect Material                              | EPA AHERA Classification | Asbestos Content | Location                        |
| 01A-G   | Grey Sprayed on Fireproofing                  | Surfacing Material       | None Detected    | On Metal Fluted Deck Throughout |
| 02A-B   | 2' x 4' Acoustical Ceiling Tile               | Miscellaneous Material   | None Detected    | Ceiling Throughout              |
| 03A-C   | Drywall and Joint Compound                    | Miscellaneous Material   | None Detected    | Wall Systems Throughout         |
| 04A-C   | Fire Caulking                                 | Miscellaneous Material   | None Detected    | At Pipe Penetrations Throughout |
| 05A-B   | 12" x 12" Vinyl Floor Tile with Yellow Mastic | Miscellaneous Material   | None Detected    | Select IDF Rooms                |

All sample numbers noted in the table above start with ECG-24-7156-.

US EPA AHERA uses three terms when determining the classification of a material for the purpose of sampling. These terms include miscellaneous, surfacing, and thermal system insulation (TSI).

Miscellaneous materials are building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, and do not include surfacing material or TSI.

Surfacing materials are materials that are sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceiling and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

TSI is material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other structural components to prevent heat loss or gain, water condensation, or for other purposes.

The information provided in this report are for use by the Owner in determining where asbestos containing materials are located, and whether or not any future work may impact those materials. The information is also provided for use by any contractor who may perform work in areas impacting the materials listed in this report, and for use as appropriate by asbestos abatement contractors to provide costs related to work impacting ACM.

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 for 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).

A 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 suspect materials collected 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 suspect materials collected were determined to contain asbestos, a licensed asbestos contractor, registered with Cal/OSHA is not required when impacting this material during the demolition work.

## **Lead Sampling Results**

Five bulk samples were collected from the painted surfaces that are expected to be impacted in the upcoming renovation project. The samples were collected and submitted to MicroTest Laboratories, Inc. (MicroTest) Located in Rancho Cordova, California. The bulk samples (paint chip) were analyzed utilizing the NIOSH 7082 method (including the EPA 7000B and EPA 7420 methods) utilizing flame atomic absorption spectroscopy. MicroTest is accredited by the Environmental Laboratory Accreditation Program (ELAP) to perform the analysis. Results of the analysis are listed in the following tables.

| <b>Paints/Coatings/Materials Determined to be Lead Containing Paint (LCP)</b><br><b>UCDH Education Building</b> |                     |   |
|---|---------------------|---|
| <b>Paint/Coating Color or Material</b>  | <b>Lead Content</b> | <b>Component/Location</b>                                   |
| White Paint   | 2,651 ppm           | Drywall Above Ceiling in Corridor Adjacent to IDF Room 1111 |

LCP - Materials/coatings/paints which contain measurable amounts of lead. The disturbance of these materials/coatings/paints is regulated by Cal/OSHA.

| <b>Paints/Coatings/Materials Determined NOT TO Contain Lead (&lt;100 PPM)</b><br><b>UCDH Education Building</b> |                     |   |
|---|---------------------|---|
| <b>Paint/Coating Color or Material</b>  | <b>Lead Content</b> | <b>Component/Location</b>                                 |
| White/Beige Paint   | None Detected       | Drywall Walls Throughout/1 <sup>st</sup> Floor Throughout |
| White/Beige Paint   | None Detected       | Drywall Walls Throughout/2 <sup>nd</sup> Floor Throughout |
| White/Beige Paint   | None Detected       | Drywall Walls Throughout/3 <sup>rd</sup> Floor Throughout |
| White/Beige Paint   | None Detected       | Drywall Walls Throughout/4 <sup>th</sup> Floor 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 reportable limit for the analysis method used. This reportable limit 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.

Through additional sampling, Entek verified that the lead containing paint that was found is only found above ceiling in the corridor adjacent to IDF room 1111.

**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”.

Lead related construction work does not fit the classification of a “lead abatement project” under CDPH Title 17 regulations. “*Abatement*” is defined in Title 17, Division 1, Chapter 8, Article 1 as “any set of measures designed to reduce or eliminate lead hazards or LBP for public and residential buildings but does not include containment or cleaning.” A *lead hazard* is defined in Title 17, Division 1, Chapter 8, Article 1 as “deteriorated LBP, lead contaminated dust, lead contaminated soil, disturbing LBP or presumed LBP without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.”

*Lead related construction work* means any “construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead”. (Title 17, California Code of Regulations, Division 1, Chapter 8, Article 1).

Currently, Cal/OSHA has not established a definition for LBP, nor have they established Hazardous Materials Survey Report – UCDH Education Building – Net V2 Project



minimum concentrations where their regulations do not apply. Cal/OSHA regulates all construction activities involving materials containing lead, including LBP. These regulations are found in CCR, Title 8 Section 1532.1 (§1532.1) Lead in Construction.

Cal/OSHA has not established a concentration of lead in a product where their regulations do not apply, therefore, any disturbance to products containing lead come under the jurisdiction of Cal/OSHA and their regulations. Disturbance of paints/coatings or materials determined to be LBP may trigger a pre-work notification to Cal/OSHA if “trigger tasks” disturb 100 square feet or more of those paints/coatings or materials. Trigger tasks are described in Title 8 CCR 1532.1.

### **Limitations**

Entek inspected only the specific designated areas identified by Michael Gomez, Project Manager with UCDMC 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 in this report are discovered, the new material must be assumed to contain asbestos until properly inspected and tested for asbestos content.

Entek’s policy is to retain a full copy of these written documents for three years once the file is closed. At the end of the three-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, CSP  
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:**  
 24-7156 UCDCM FP&D  
 UCDCM Education Bldg., 4610 X St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71102-1

Date/Time Collected: 4/4/24

Date Received: 4/8/24

NVLAP Lab Code 101442-0

Date Analyzed: 4/9/24

| <i>Sample No.</i> | <i>Color/Description</i>   | <i>% Type Asbestos</i> | <i>Other Materials</i> |
|-------------------|--|------------------------|------------------------|
| ECG-24-7156-01A   | Gray sprayed on fireproofing on metal fluted deck, 1 <sup>st</sup> floor IDF room 1111 north within room | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01B               | Gray sprayed on fireproofing on metal fluted deck, 1 <sup>st</sup> floor IDF room 1231 east within room  | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01C               | Gray sprayed on fireproofing on metal fluted deck, 2nd floor IDF room 2111 NE within room                | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01D               | Gray sprayed on fireproofing on metal fluted deck, 2nd floor IDF room 2231 south within room             | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01E               | Gray sprayed on fireproofing on metal fluted deck, 3rd floor IDF room 3231 east within room              | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01F               | Gray sprayed on fireproofing on metal fluted deck, 4th floor IDF room 4212 south within room             | NONE DETECTED          | Gypsum<br>Cellulose    |
| 01G               | Gray sprayed on fireproofing on metal fluted deck, 4th floor IDF room 4107A south within room            | NONE DETECTED          | Gypsum<br>Cellulose    |

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.

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:**  
 24-7156 UCDCM FP&D  
 UCDCM Education Bldg., 4610 X St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71102-2

Date/Time Collected: 4/4/24

Date Received: 4/8/24

NVLAP Lab Code 101442-0

Date Analyzed: 4/9/24

| <i>Sample No.</i> | <i>Color/Description</i>   | <i>% Type Asbestos</i> | <i>Other Materials</i>  |
|-------------------|--|------------------------|-------------------------|
| ECG-24-7156-02A   | White 2'x2' acoustical ceiling tile, 4th floor IDF room 4107A east within room                         | NONE DETECTED          | Opagues                 |
|                   | Yellow insulation  | NONE DETECTED          | Fibrous Glass           |
| 02B               | White 2'x2' acoustical ceiling tile, 2nd floor corridor adjacent to IDF room 2231 east within corridor | NONE DETECTED          | Opagues                 |
|                   | Yellow insulation  | NONE DETECTED          | Fibrous Glass           |
| 03A               | White drywall, 1st floor IDF room 1121 NE corner within room   | NONE DETECTED          | Gypsum<br>Fibrous Glass |
|                   | White joint compound 1   | NONE DETECTED          | Calcite                 |
|                   | White joint compound 2   | NONE DETECTED          | Calcite                 |
| 03B               | White drywall, 2nd floor IDF room 2231 SE corner within room   | NONE DETECTED          | Gypsum<br>Fibrous Glass |
|                   | White joint compound 1   | NONE DETECTED          | Calcite                 |
|                   | White joint compound 2   | 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.

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 Rocklin, CA 95677

**Job:**  
 24-7156 UCDCM FP&D  
 UCDCM Education Bldg., 4610 X St.  
 Sacramento, Ca

**BULK ASBESTOS ANALYSIS REPORT**

LAB JOB # 71102-3  
 Date/Time Collected: 4/4/24  
 Date Received: 4/8/24

NVLAP Lab Code 101442-0  
 Date Analyzed: 4/9/24

| <i>Sample No.</i> | <i>Color/Description</i>  | <i>% Type Asbestos</i> | <i>Other Materials</i>  |
|-------------------|---|------------------------|-------------------------|
| ECG-24-7156-03C   | White drywall, 2nd floor IDF room 4107A SE corner within room                     | NONE DETECTED          | Gypsum<br>Fibrous Glass |
|                   | White joint compound 1  | NONE DETECTED          | Calcite                 |
|                   | White joint compound 2  | NONE DETECTED          | Calcite                 |
| 04A               | Red fire caulking, 1st floor IDF room 1111 east within room at pipe penetration   | NONE DETECTED          | Pumice<br>Fibrous Glass |
| 04B               | Brown fire caulking, 1st floor IDF room 1231 east within room at pipe penetration | NONE DETECTED          | Synthetics<br>Opagues   |
| 04C               | Red fire caulking, 1st floor IDF room 1231 east within room at pipe penetration   | NONE DETECTED          | Pumice<br>Calcite       |
| 05A               | Beige 12"x12" vinyl floor tile, 1st floor IDF room 1111 south within room         | NONE DETECTED          | Calcite                 |
|                   | Yellow mastic   | NONE DETECTED          | Synthetics              |
| 05B               | Beige 12"x12" vinyl floor tile, 4th floor IDF room 4107A south within room        | NONE DETECTED          | Calcite                 |
|                   | Yellow mastic   | NONE DETECTED          | Synthetics              |

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.



21102

# 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:** 4/4/24

**Lab:** Asbestech

**Job Number:** 24-7156

**Collected by:** Karl Suarez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Thursday, 4/11/24, By End of Day

**Site Address:** UCDCM Education Building  
4610 X 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-24-7156-01A | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, First Floor, IDF Room 1111, North within Room        |
| ECG-24-7156-01B | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, First Floor, IDF Room 1231, East within Room         |
| ECG-24-7156-01C | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, Second Floor, IDF Room 2111, Northeast within Room   |
| ECG-24-7156-01D | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, Second Floor, IDF Room 2231 South within Room        |
| ECG-24-7156-01E | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, Third Floor, IDF Room 3231 East within Room          |
| ECG-24-7156-01F | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, Fourth Floor, IDF Room 4212 South within Room        |
| ECG-24-7156-01G | Gray Sprayed on Fireproofing on Metal Fluted Deck, Education Building, Fourth Floor, IDF Room 4107A South within Room       |
| ECG-24-7156-02A | 2' x 2' Acoustical Ceiling Tile, Education Building, Fourth Floor, IDF Room 4107A, East within Room                         |
| ECG-24-7156-02B | 2' x 2' Acoustical Ceiling Tile, Education Building, Second Floor, Corridor Adjacent to IDF Room 2231, East within Corridor |
| ECG-24-7156-03A | Drywall and Joint Compound, Education Building, First Floor, IDF Room 1121, Northeast Corner within Room                    |

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7156 ED Bldg NetV2 - Lmtd HazMat/Bulk Asb/Bulk Asb Rqst Portrait 00-00-00.docx>

**Delivered by:** Karl Suarez  
**Received by:** [Signature]

**Date:** 4/8/24 **Time:** 10:22 **AM/PM**  
**Date:** 4/8/24 **Time:** 10:52 **AM/PM**



# BULK ASBESTOS MATERIAL *Analysis Request*

71102

**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:** 4/4/24

**Lab:** Asbestech

**Job Number:** 24-7156

**Collected by:** Karl Suarez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Thursday, 4/11/24, By End of Day

**Site Address:** UCDCM Education Building  
4610 X 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-24-7156-03B | Drywall and Joint Compound, Education Building, Second Floor, IDF Room 2231, Southeast Corner within Room          |
| ECG-24-7156-03C | Drywall and Joint Compound, Education Building, Second Floor, IDF Room 4107A, Southeast Corner within Room         |
| ECG-24-7156-04A | Fire Caulking, Education Building, First Floor, IDF Room 1111, East within Room at Pipe Penetration                |
| ECG-24-7156-04B | Fire Caulking, Education Building, First Floor, IDF Room 1231, East within Room at Pipe Penetration                |
| ECG-24-7156-04C | Fire Caulking, Education Building, First Floor, IDF Room 231, East within Room at Pipe Penetration                 |
| ECG-24-7156-05A | 12" x 12" Vinyl Floor Tile with Yellow Mastic, Education Building, First Floor, IDF Room 1111, South within Room   |
| ECG-24-7156-05B | 12" x 12" Vinyl Floor Tile with Yellow Mastic, Education Building, Fourth Floor, IDF Room 4107A, South within Room |

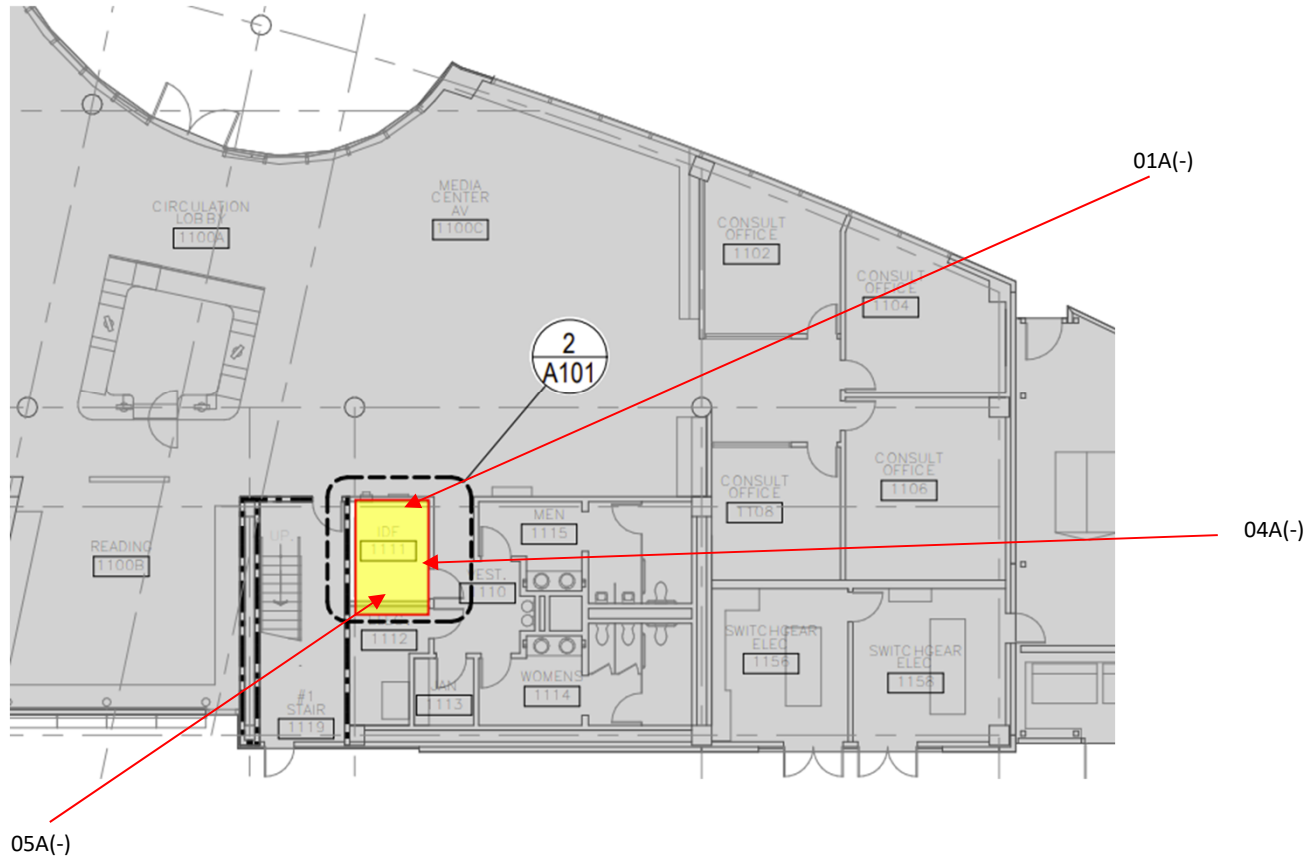
<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7156 ED Bldg NetV2 - Lmtd HazMat/Bulk Asb/Bulk Asb Rqst Portrait 00-00-00.docx>

Delivered by: Karl Suarez Date: 4/8/24 Time: 10:22 AM/PM

Received by: [Signature] Date: 4/8/24 Time: 10:22 AM/PM



# UCDH Education Building First Floor



UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

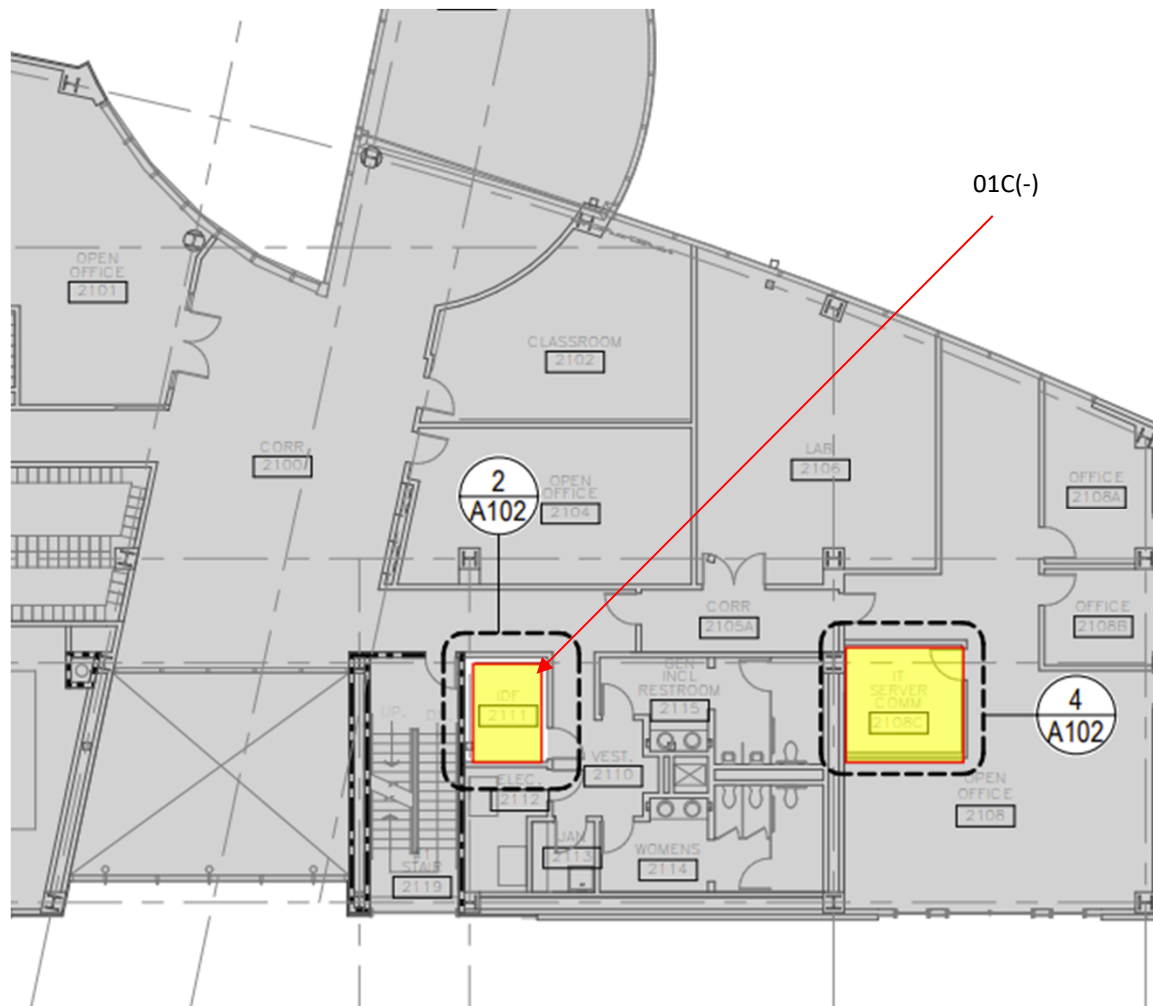
Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Bulk Asbestos Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156





# UCDH Education Building Second Floor



UCDMC FP&D  
Education Building  
4610 X 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  
On 4/4/24  
Project Number 24-7156

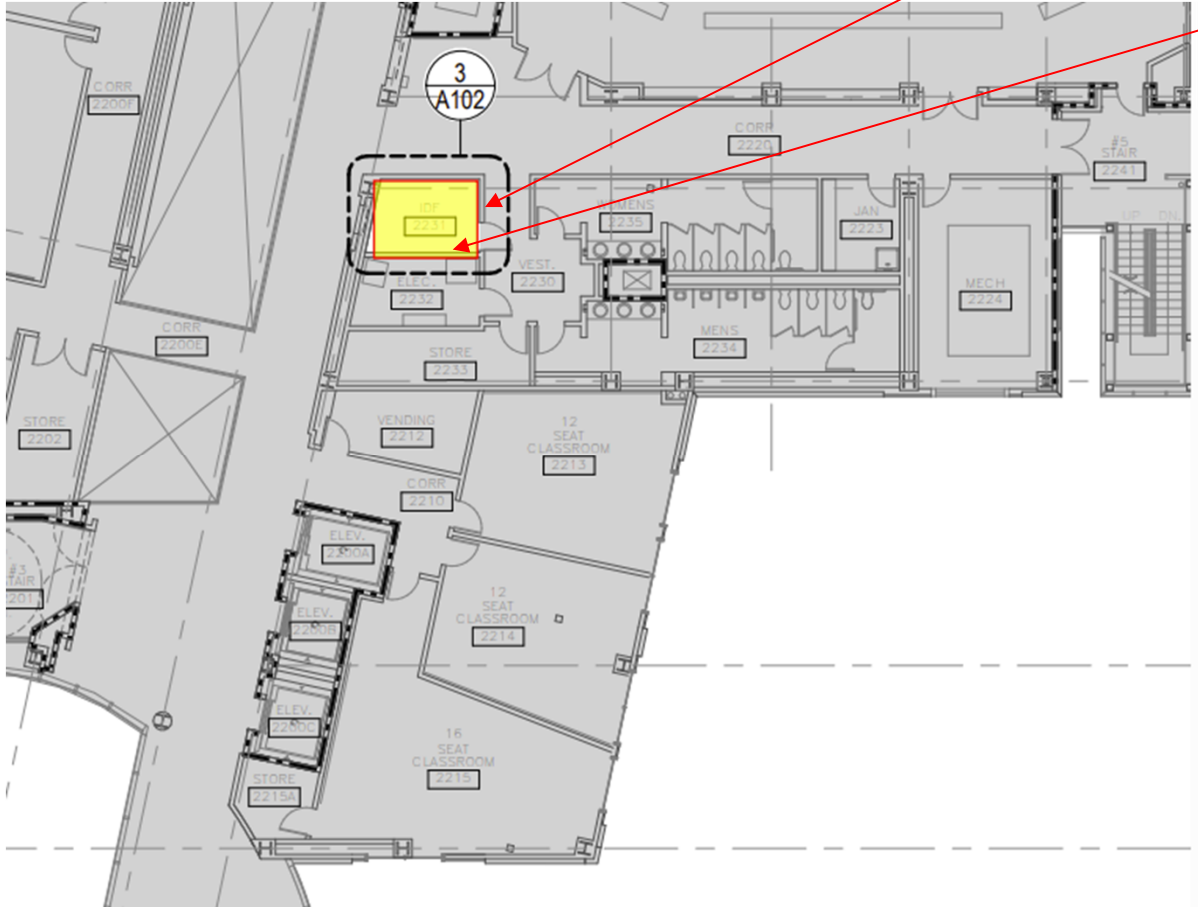


# UCDH Education Building Second Floor

02B(-)

01D(-)

03B(-)



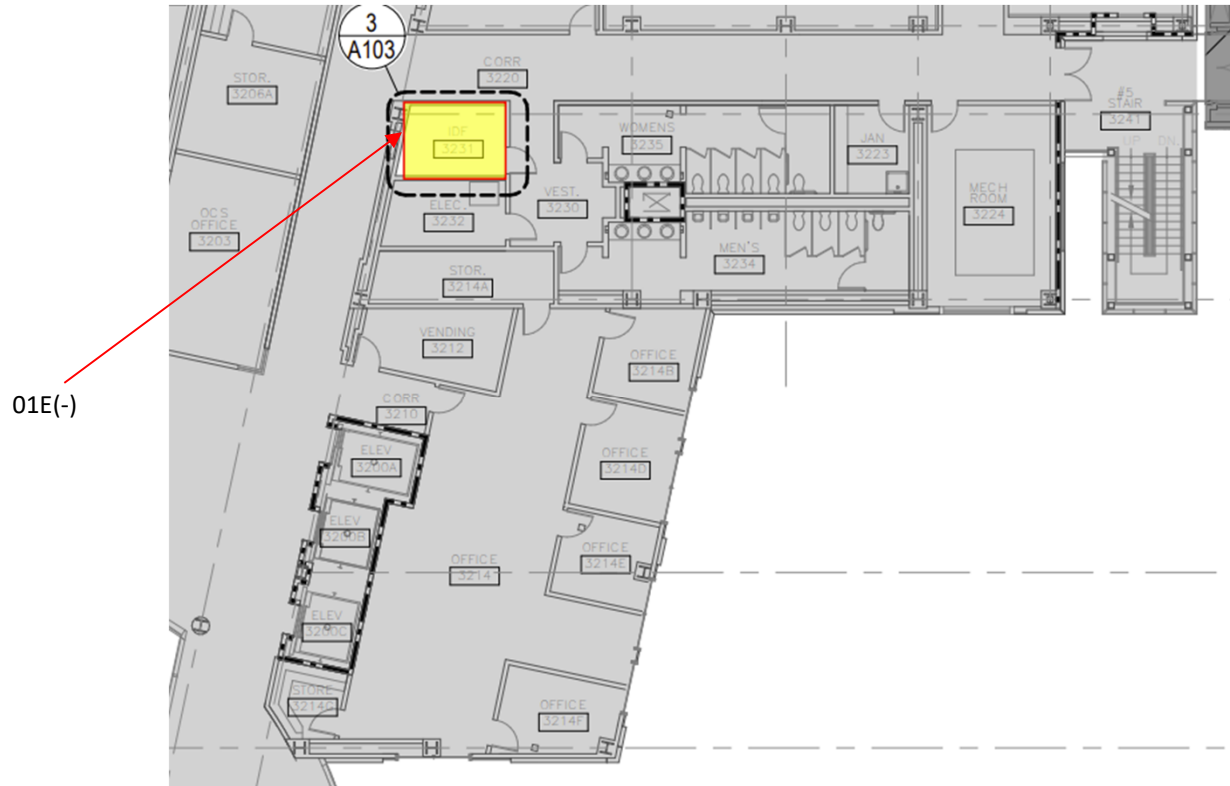
UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

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

Bulk Asbestos Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156



# UCDH Education Building Third Floor



01E(-)

UCDMC FP&D  
Education Building  
4610 X 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  
On 4/4/24  
Project Number 24-7156



# UCDH Education Building Fourth Floor



UCDMC FP&D  
Education Building  
4610 X 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  
On 4/4/24  
Project Number 24-7156



# UCDH Education Building Fourth Floor



01F(-)

UCDMC FP&D  
Education Building  
4610 X 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  
On 4/4/24  
Project Number 24-7156



# 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<br>4200 Rocklin Road, Suite 7  |            |  | City/State<br>Rocklin, California  |  | Zip<br>95677   |            |
| Phone<br>(916) 632-6800  |            | Fax<br>(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<br><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><br><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) :<br>_____ | <input type="checkbox"/> Renovation (Do not complete Section 5)<br><input type="checkbox"/> Demolition (Complete all sections)<br><input type="checkbox"/> Ordered Demo - Attach ordered demo letter<br><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<br><input type="checkbox"/> Rep / Agent<br><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**  
**L34508**

**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, April 4, 2024  
**Time**

**JOB SITE INFORMATION**

**Sampler** Karl Suarez  
**Project** UCDCM FP&D  
**Site** UCDCM Education Building  
**Address** 4610 X Street  
 Sacramento, CA 95817  
**Job #** 24-7156  
**PO #**




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

| Client           | Laboratory | Client  | Reporting             |
|------------------|------------|---|-----------------------|
| Sample ID        | Sample ID  | Sample Description  | Matrix                |
| ECG-24-7156-01Pb | L34508     | White Paint on Drywall Walls Throughout, Education Building, First Floor, Corridor Adjacent to IDF Room 1111, North Wall System | 0.27 % Wt<br>2651 PPM |
|                  |            |   | 0.01 %Wt<br>100 PPM   |

**Date Received:** Monday, April 8, 2024  
**Date Analyzed:** Monday, April 8, 2024  
**Date Reported:** Wednesday, April 10, 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:** L34508  
**Client:** Entek  
**Receipt Date:** 04/08/24  
**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:** 4/4/24

**Lab:** MicroTest

**Job Number:** 24-7156

**Collected by:** Karl Suarez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Thursday, 4/11/24, By End of Day

**Site Address:** UCDCM Education Building  
4610 X 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-24-7156-01Pb | White Paint on Drywall Walls Throughout, Education Building, First Floor, Corridor Adjacent to IDF Room 1111, North Wall System |

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7156 ED Bldg NetV2 - Lmtd HazMat/Bulk Pb/Bulk Pb Rqst Portrait 00-00-00.docx>

Delivered by: Karl Suarez Date: 4/8/24 Time: 10:25 AM/PM

Received by: [Signature] Date: 04/08/24 Time: 11:25 AM/PM



**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**  
**L34742-45**

**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** Monday, April 29, 2024  
**Time**

**JOB SITE INFORMATION**

**Sampler** Gerald Moralez  
**Project** UCDCM FP&D  
**Site** UCDCM Education Building  
**Address** 4610 X Street  
 Sacramento, CA 95817  
**Job #** 24-7156  
**PO #**

**MicroTest Laboratories**

Analytical Report

**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-24-7156-02Pb | L34742     | White/Beige Paint on Drywall Walls Throughout, Education Building, 1st Floor, Within Room 1111, East Wall System                    | Paint <RL % Wt 0.01 %Wt<br><RL PPM 100 PPM |
| ECG-24-7156-03Pb | L34743     | White/Beige Paint on Drywall Walls Throughout, Education Building, 2nd Floor, Corridor Adjacent to IDF Room 2231, West Wall System  | Paint <RL % Wt 0.01 %Wt<br><RL PPM 100 PPM |
| ECG-24-7156-04Pb | L34744     | White/Beige Paint on Drywall Walls Throughout, Education Building, 3rd Floor, Corridor Adjacent to IDF Room 3111, West Wall System  | Paint <RL % Wt 0.01 %Wt<br><RL PPM 100 PPM |
| ECG-24-7156-05Pb | L34745     | White/Beige Paint on Drywall Walls Throughout, Education Building, 4th Floor, Corridor Adjacent to IDF Room 4212, South Wall System | Paint <RL % Wt 0.01 %Wt<br><RL PPM 100 PPM |

**Date Received:** Monday, April 29, 2024  
**Date Analyzed:** Tuesday, April 30, 2024  
**Date Reported:** Wednesday, May 1, 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*

**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)

**Project ID:** L34742-45  
**Client:** Entek  
**Receipt Date:** 04/29/24  
**Count:** 4 **TAT:** 2 Day

**Date of Sampling:** 4/29/24

**Lab:** MicroTest

**Job Number:** 24-7156

**Collected by:** Gerald Moralez

**Client Name:** UCDCM FP&D

**Turnaround Time:** Wednesday, 5/1/24, By End of Day

**Site Address:** UCDCM Education Building  
4610 X 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 to [gmoralez@entekgroup.com](mailto:gmoralez@entekgroup.com), [ksuarez@entekgroup.com](mailto:ksuarez@entekgroup.com), and [mainoffice@entekgroup.com](mailto:mainoffice@entekgroup.com).*

| SAMPLE #         | MATERIAL DESCRIPTION/LOCATION   |
|------------------|---|
| ECG-24-7156-02Pb | White/Beige Paint on Drywall Walls Throughout, Education Building, 1 <sup>st</sup> Floor, Within Room 1111, East Wall System                    |
| ECG-24-7156-03Pb | White/Beige Paint on Drywall Walls Throughout, Education Building, 2 <sup>nd</sup> Floor, Corridor Adjacent to IDF Room 2231, West Wall System  |
| ECG-24-7156-04Pb | White/Beige Paint on Drywall Walls Throughout, Education Building, 3 <sup>rd</sup> Floor, Corridor Adjacent to IDF Room 3111, West Wall System  |
| ECG-24-7156-05Pb | White/Beige Paint on Drywall Walls Throughout, Education Building, 4 <sup>th</sup> Floor, Corridor Adjacent to IDF Room 4212, South Wall System |

<https://entekgroupinc.sharepoint.com/sites/Entekgroup/Shared Documents/Clients/UCDCM - FP&D/24-7156 ED Bldg NetV2 - Lmtd HazMat/Bulk Pb/Bulk Pb Rqst Portrait 00-00-00 - Copy.docx>

**Delivered by:**

**Date:**

4/29/24

**Time:**

11:40 AM/PM

**Received by:**

**Date:**

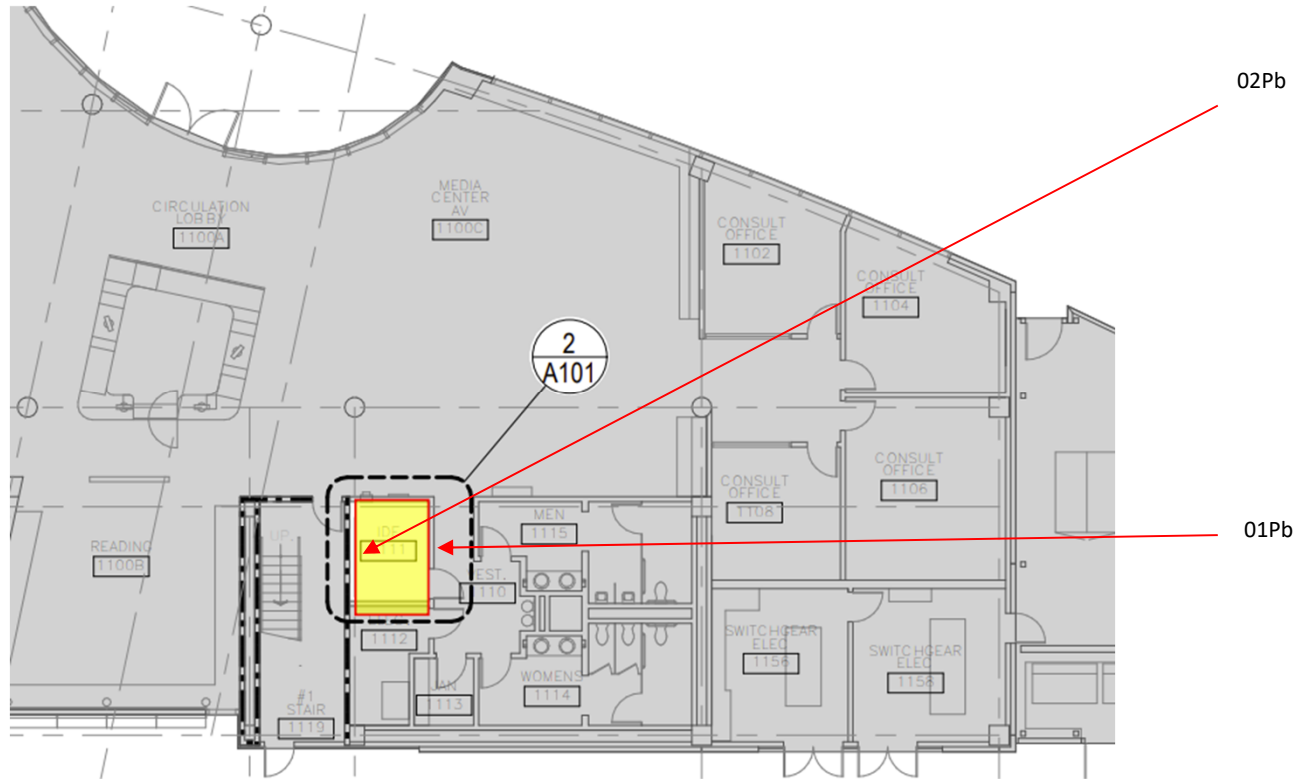
04/29/24

**Time:**

11:40 AM/PM



# UCDH Education Building First Floor



UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

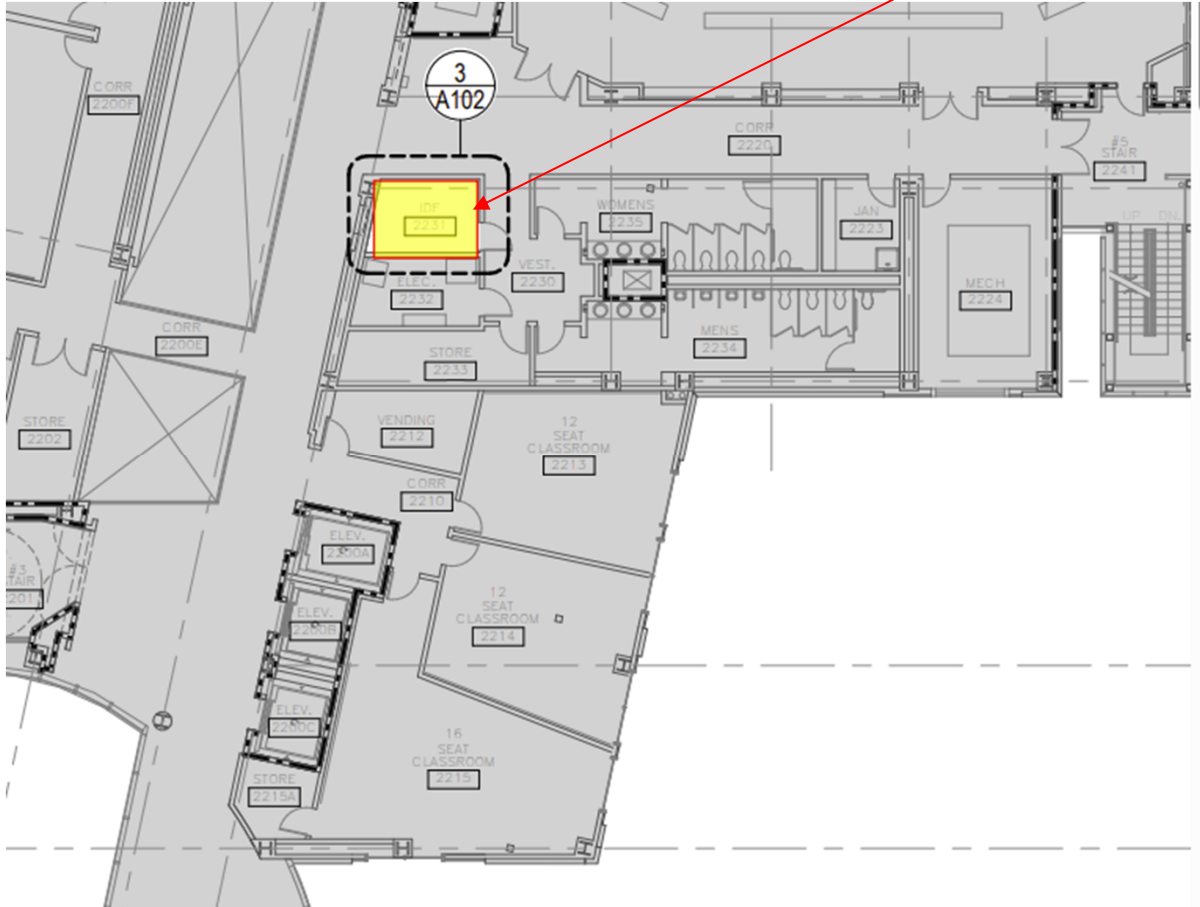
Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Bulk Lead Paint Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156



# UCDH Education Building Second Floor

03Pb(-)



UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

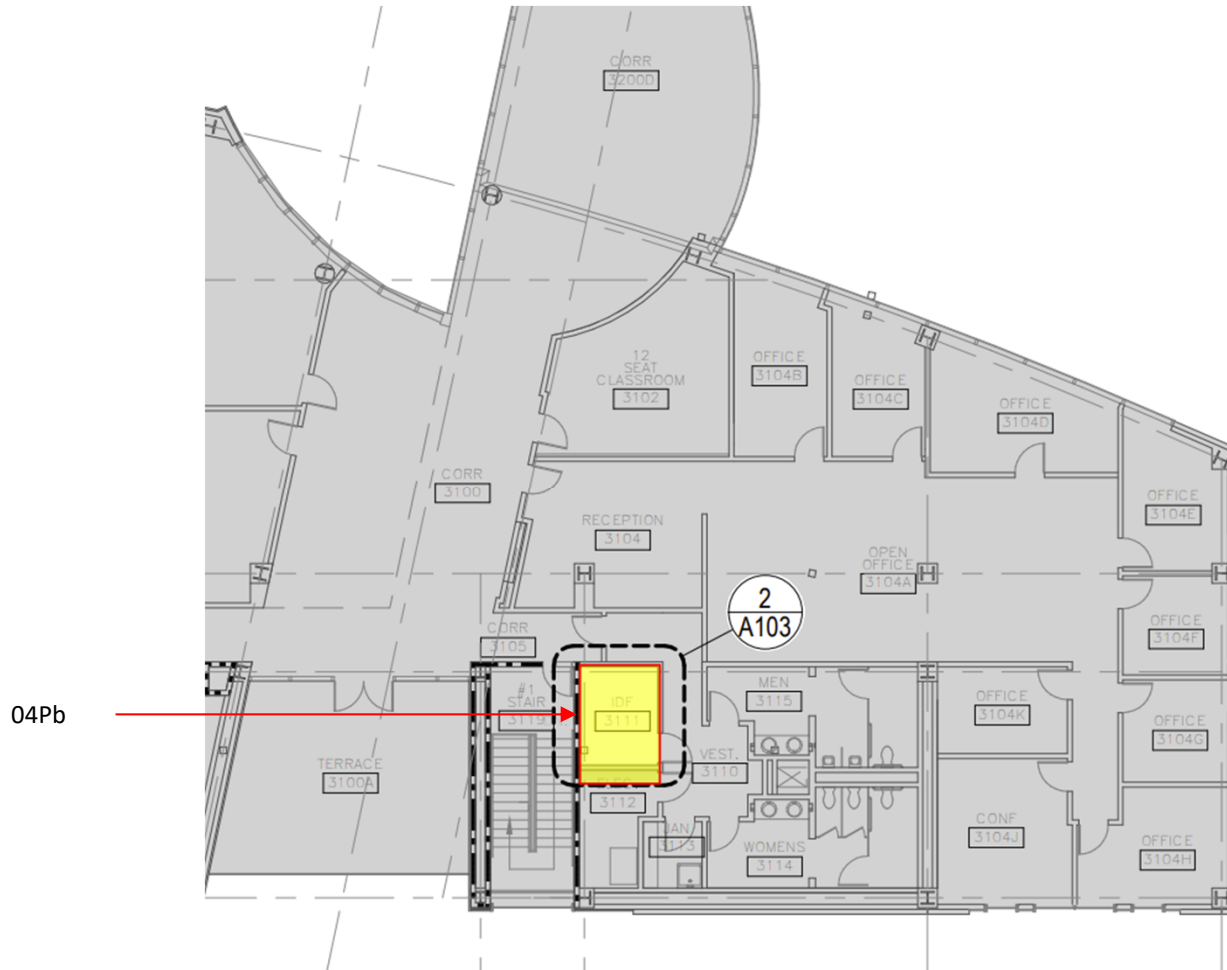
Entek Consulting Group, Inc.  
4200 Rocklin Road, Suite 7  
Rocklin, CA 95677  
Map Not to Scale

Lead Paint Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156





# UCDH Education Building Third Floor



UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

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

Lead Paint Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156



# UCDH Education Building Fourth Floor



05Pb

UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

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

Lead Paint Sampling Map  
Collected by Karl Suarez  
On 4/4/24  
Project Number 24-7156

## 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<br><input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare<br><input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____ | Children living in structure?<br><input type="checkbox"/> Yes <input type="checkbox"/> No<br><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

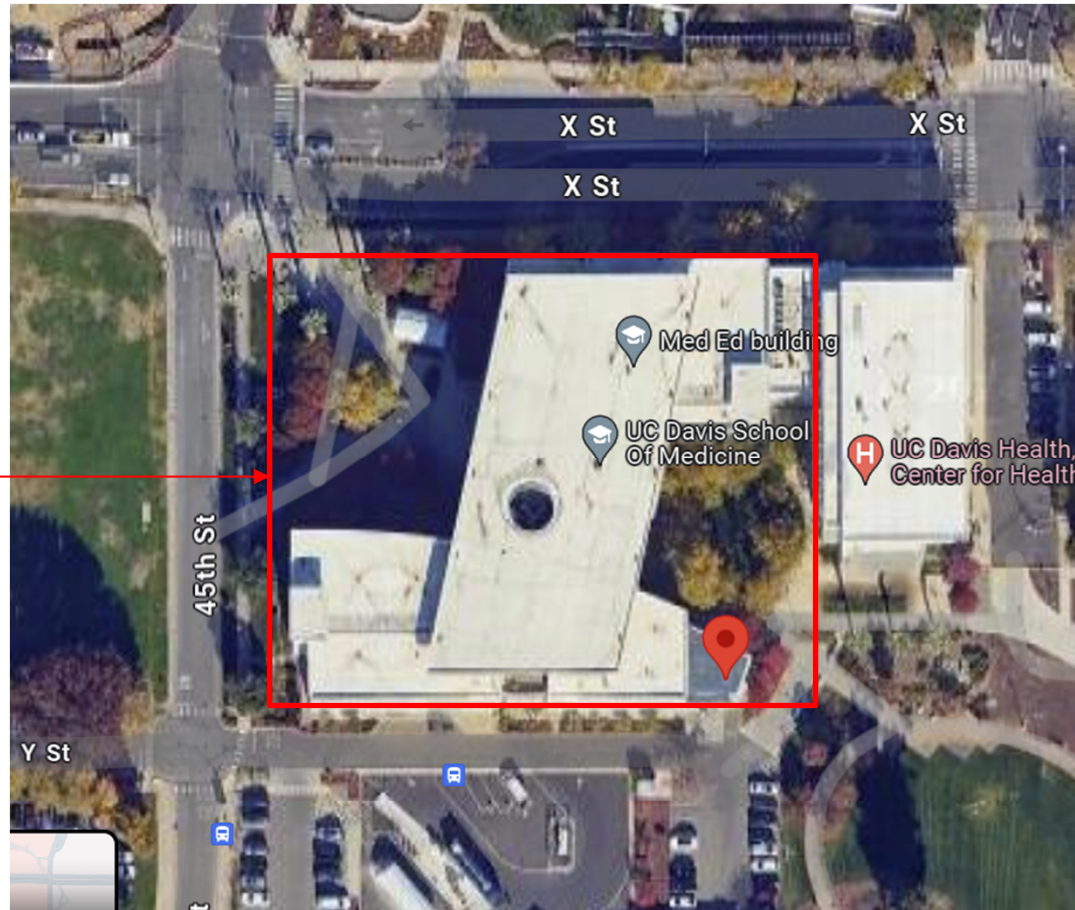
Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

## **APPENDIX C**

### **BACK UP DOCUMENTATION**

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

# Site Map



Education Building

UCDMC FP&D  
Education Building  
4610 X Street  
Sacramento, CA 95817

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

Site Map  
Project Number 24-7156

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  
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

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*



---

*For the National Voluntary Laboratory Accreditation Program*

A handwritten signature in black ink, appearing to read 'Dana S. Lamm', positioned above the signature line.



**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

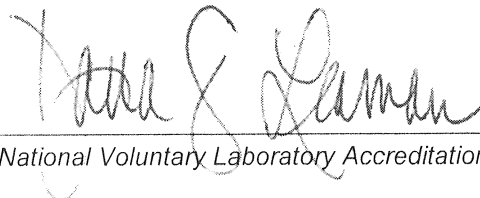
**Airborne Asbestos Analysis**

**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.



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 |
|-------------|---------------|-------------------|