



**ENTEK
CONSULTING GROUP, INC.**

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**HAZARDOUS MATERIALS SURVEY
FINAL REPORT**

OWNER/CLIENT

**Sacramento City Unified School District
5735 47th Avenue
Sacramento, CA 95824**

CONTACT

**Mr. Chris Ralston, Director III
Facilities Management, Maintenance & Operations, and Resource
Management**

SURVEY ADDRESS

**Luther Burbank High School
3500 Florin Road
Sacramento, CA 95823**

BUILDING(S) SURVEYED

**Classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6
Flooring Replacement & Painting Project**

PREPARED BY

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CAC #13-5015 & CDPH #I/A 3315
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Entek Project #23-6541

February 23, 2023



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Executive Summary

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.

This inspection report was requested by Mr. Wayne Sjolund with Premier Management Group on behalf of Mr. Chris Ralston, Director III of the Facilities Management, Maintenance & Operations, and Resource Management department for the Sacramento City Unified School District (SCUSD).

The purpose of the inspection was to comply with 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 an upcoming project, which will include paints and classroom floors of Luther Burbank High School located at 3500 Florin Road in Sacramento, California.

Paints were also tested for lead content for compliance with Cal/OSHA lead in construction regulations. It is our understanding the school was originally constructed in the 1950's.

The attached drawings show 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.

Materials are classified in the tables of this report as regulated asbestos containing material (RACM), Category I (CAT-I) or Category II (CAT-II) ACM, or asbestos containing construction material (ACCM), which included collecting multiple samples of some materials. 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 February 15, 2023 Entek conducted a survey specific to areas designated by the Owner's representative which included flooring and cove materials found in classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6.

All classrooms were visually inspected and found to contain the same flooring and cove finish materials. Bulk samples were collected from three classrooms randomly chosen, with results extrapolated to all classrooms included in this survey.

The classroom floors were found to have a top visible layer of 12" vinyl floor tile over a hidden bottom layer of vinyl floor tile.

The results of testing for asbestos during this survey indicate asbestos is present in the hidden bottom layer of vinyl floor tile, the associated black floor mastic, and in brown cove base mastic throughout all classrooms. Specifics pertaining to individual materials can be found in later sections of this report.

Lead

Entek investigated existing paints and applied coatings in an effort to determine if lead was present in these materials. The materials detailed in the following list were all found or assumed to contain more than 5,000 parts per million (ppm) lead and are classified as lead-based paint (LBP). If more than 100 square feet of these materials are impacted by a "trigger task", prior notification to Cal/OSHA will be required.

- Blue colored paint - Metal support columns associated with overhangs and covered walkways near all classrooms

The paints detailed in the following list were determined to contain lead in amounts less than 5,000 ppm and are classified as lead containing paint (LCP). Any work designated by California Occupational Safety Health Administration (Cal/OSHA) as a "trigger task" which will impact these paints, coatings, or materials must be done by properly trained personnel, in compliance with all lead related Cal/OSHA regulations and requirements.

- White colored paint - Metal ceiling deck in all classrooms
- White colored paint - Metal I-beams in all classrooms
- Black colored paint - Metal I-beams and down spouts outside all classrooms

The paints detailed in the following list were determined not to contain lead above the analysis method detection limit of 100 ppm.

- Beige colored paint - Wood wall paneling in all classrooms
- Tan colored paint - Wood casework in all classrooms
- Beige colored paint - Drywall walls in all classrooms
- Peach colored paint - Concrete walls outside all classrooms
- Peach colored paint - Metal columns outside all classrooms
- Orange colored paint - Metal doors at all classroom entries



Introduction

This report presents results of an asbestos and lead survey performed by Entek which included classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6 and adjacent exterior areas of Luther Burbank High School located at 3500 Florin Rd, Sacramento, CA 95823. The survey is specific to flooring and cove materials found in these classrooms as well as interior and exterior paints associated with these classrooms.

The inspection was conducted by Mr. Blake Howes on February 15, 2023. Mr. Howes is a Cal/OSHA Certified Asbestos Consultant (CAC) and a State of California Department of Public Health (CDPH) certified Lead Inspector/Assessor.

This report was prepared for Mr. Chris Ralston, Director III of the Facilities Management, Maintenance & Operations, and Resource Management department for the SCUSD at the request of Mr. Wayne Sjolund with Premier Management Group.

Building Description

This survey was specific to classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6 and adjacent exterior areas and does not include any other areas of the campus. The campus consists of multiple classroom buildings, administration, gymnasium, and other school related facilities. There is a two story building located at the north side of the campus, with all other buildings single story.

The classrooms viewed as part of this survey are all standard 30'x30' rooms with two layers of vinyl floor tile, rubber/vinyl cove base, a mixture of wood panel, brick, and drywall walls, and metal ceiling decks. Various storage, meeting, and other small rooms are attached or adjacent to these classrooms and are assumed to contain the same materials.

Asbestos Inspection and Sample Collection Protocols

Entek included specific interior and exterior areas of the buildings included in this report, but did not use methods to look within enclosed ceiling or wall 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 diagrams 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 by polarized light microscopy (PLM) with dispersion staining.

The US EPA NESHAP and SMAQMD uses 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 nine (9) bulk samples were collected of all the materials considered to be "suspect" 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. Results of the analysis are listed in the following tables:

Suspect Materials Found or Assumed TO Contain Asbestos					
Sample ID#’s	Suspect Material	Asbestos Content/Type (%) by PLM	Location	NESHAP Classification	Total Estimated Quantity
02A-C	Light Gray Vinyl Floor Tile (<i>Bottom Layer</i>), Black Mastic, Yellow Mastic	1-5% CHRYSOTILE (Floor Tile)	Classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6	CAT-I	34,800 Sq.
		1-5% CHRYSOTILE (Black Mastic)		CAT-I	34,800 Sq.
		NONE DETECTED (Yellow Mastic)			-
Please note samples 02A-C reference the bottom layer of vinyl floor tile found throughout the classrooms. Flooring in these areas consists of a top layer of vinyl floor tile placed directly onto another bottom layer of vinyl floor tile.					
03A-C	Light Brown 6" Base Cove, White Mastic, Brown Mastic	NONE DETECTED (Base Cove)	Classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6		-
		NONE DETECTED (White Mastic)			-
		>1% FIBROUS TREMOLITE (Brown Mastic)		CAT-II	1,440 Sq.
Please note samples 03A-C were not confirmed to contain <1% asbestos via 400 point count analysis and must be considered to contain >1% asbestos for removal and disposal purposes					

NOTE: Any CAT-I or CAT-II materials identified in the previous tables which will be subjected to mechanical removal, must be considered RACM for the purposes of notification to SMAQMD and classification of waste. Removal of any CAT-I or CAT-II materials prior to demolition of a building is dependent upon how the materials will be impacted and if the impact will cause the materials to become friable. If any remaining CAT-I or CAT-II materials will become friable they must be removed prior to the initiation of demolition.

NOTE: Cal/OSHA regulates all materials containing greater than 0.1% asbestos. As a result, impact to materials identified as ACCM and ACM must be performed by properly asbestos trained personnel utilizing appropriate personal protection, work practices, as well as, properly constructed and demarcated work areas or containments, in accordance with Cal/OSHA asbestos regulations.

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
01A-C	Beige Mottled 12" Vinyl Floor Tile (Top Layer), Yellow Mastic	Miscellaneous	NONE DETECTED	Classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6

All sample number noted in the tables above start with ECG-23-6541-

The tables above provide an estimate of the amount of materials in square feet (Sq.) or linear feet (Ln.). Contractors are responsible for quantifying the exact quantity of materials impacted by the renovation or demolition and shall not rely on the quantities in the above tables.

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 does 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 the tables of 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, bare concrete, 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. Ten day written notification to the SMAQMD 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.

There is a sufficient amount of ACM present to require a 10 day notification to the SMAQMD be submitted prior to starting work which will impact materials identified as RACM or CAT-I and CAT-II materials if they are made friable through mechanical means of removal. If more than 160 square feet, 260 linear feet or 35 cubic feet of RACM is planned for removal on the project, formal written notification to SMAQMD is required.

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 it has been estimated more than 100 square feet of ACM does exist and will be impacted during the upcoming project, a licensed asbestos contractor, certified by the State of California, and registered with Cal/OSHA is required to perform the asbestos related removal work. Entek recommends a licensed asbestos contractor be used to remove ACCM even if less than 100 square feet of ACCM is being disturbed.

For compliance with Title 8, Section 341.9, the contractor must send written notice at least one day (24 hours) prior to start of any work which will impact any amount of asbestos to the local office for the State of California, Department of Occupational Safety and Health, and perform all work in accordance with Cal/OSHA requirements.

Lead Inspection, Sampling, & Results

A total of 10 bulk samples of the painted surfaces from various locations inside and outside of the classrooms were collected and submitted to MicroTest Laboratories. These samples were subsequently analyzed by atomic absorption spectrometry (AAS). Results of the analysis are listed in the following tables:

Paints/Coatings/ Materials Determined to be Lead Based Paint (LBP)		
Paint/Coating Color or Material	Lead Content	Component/Location
Blue Colored Paint	32,329 ppm	Metal Support Columns - Associated with overhangs and covered walkways near classroom buildings

LBP - Materials/coatings/paints meeting the definition of lead-based paint as defined by the CDPH and the US EPA, currently defined as containing lead in concentrations equal to or greater than 1.0 mg/cm², 5,000 ppm, or 0.5% by weight.

Paints/Coatings/ Materials Determined to be Lead Containing Paint (LCP)		
Paint/Coating Color or Material	Lead Content	Component/Location
White Colored Paint	679 ppm	Metal Ceiling Decks - All Classrooms
White Colored Paint	1,890 ppm	Metal I-Beams - All Classrooms
Black Colored Paint	3,291 ppm	Metal I-Beams and Down Spouts - Outside All Classrooms

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

Paints/Coatings/Materials Determined NOT TO Contain Lead	
Paint/Coating Color or Material	Building Component
Beige Colored Paint	Wood Wall Paneling - All Classrooms
Tan Colored Paint	Wood Casework - All Classrooms
Beige Colored Paint	Drywall Walls - All Classrooms
Peach Colored Paint	Concrete Walls - Outside All Classrooms
Peach Colored Paint	Metal I-Beams - Outside All Classrooms
Orange Colored Paint	Metal Doors - All Classroom Entry Doors

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”.

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 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.

Since Cal/OSHA has not established a concentration of lead in a product where their regulations do not apply, 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 the Owner’s representative to be included in the upcoming project, which did not include all interior and exterior areas of the buildings located at the campus. This survey is specific to classrooms B1-B6, C1-C6, D1-D6, E1-E6, F1-F6, & H1-H6 flooring materials and interior and exterior paints.

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.

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 (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 the District's 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: 
Blake Howes
Vice President
Cal/OSHA CAC #13-5015
CDPH I/A Certification #3315

Appendices

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

C:\Users\lhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\23-6541 Burbank HS - AsbPb\Project Letters & Reports\Final Haz Mat Insp Rprt Burbank 2-23-23.wpd



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 Renovation/Demolition Notification Form

ASBESTECH
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 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:
 23-6541 Sacramento City USD
 Luther Burbank High School, 3500 Florin Rd.
 Sacramento , Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70220-1
 Date/Time Collected: 2/15/23
 Date Received: 2/16/23

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 2/17/23

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-23-6541-01A	Beige mottled 12" vinyl floor tile (top layer), classroom C3	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
01B	Beige mottled 12" vinyl floor tile (top layer), classroom E4	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
01C	Beige mottled 12" vinyl floor tile (top layer), classroom H5	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
02A	Light gray vinyl floor tile (bottom layer), classroom C3	NONE DETECTED	Calcite
	Black mastic	NONE DETECTED	Tar Binder
	Yellow mastic	NONE DETECTED	Synthetics
02B	Light gray vinyl floor tile (bottom layer), classroom E4	1-5 CHRYSOTILE	Calcite
	Black mastic	1-5 CHRYSOTILE	Tar Binder
	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.



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 Rocklin, CA 95677

Job:
 23-6541 Sacramento City USD
 Luther Burbank High School, 3500 Florin Rd.
 Sacramento , Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70220-2
 Date/Time Collected: 2/15/23
 Date Received: 2/16/23

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 2/17/23

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-23-6541-02C	Light gray vinyl floor tile (bottom layer), classroom H5	1-5 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder
	Yellow mastic	NONE DETECTED	Synthetics
03A	Light brown 6" base cove, classroom C3	NONE DETECTED	Calcite
	White mastic	NONE DETECTED	Calcite
03B	Light brown 6" base cove, classroom E4	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Calcite
	Brown mastic	<1 FIBROUS TREMOLITE	Synthetics Talc
03C	Light brown 6" base cove, classroom H5	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
	Brown mastic	<1 FIBROUS TREMOLITE	Synthetics Talc

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.



75220

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
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mainoffice@entekgroup.com

Date of Sampling: February 15, 2023

Lab: Asbestech

Job Number: 23-6541

Collected by: Blake Howes

Client Name: Sacramento City Unified School District

Turnaround Time: Friday, 2-17-23 by 5:00 pm

Site Address: Luther Burbank High School
3500 Florin Road
Sacramento, CA 95823

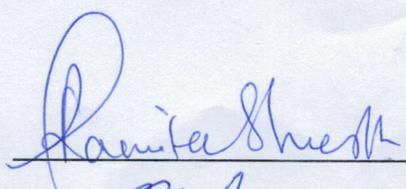
ANALYSIS REQUESTED: Asbestos by PLM with Dispersion Staining

Special Instruction: *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 as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-23-6541-01A	12" Beige Mottled Vinyl Floor Tile (Top Layer) & Yellow Mastic - Classroom C3
ECG-23-6541-01B	12" Beige Mottled Vinyl Floor Tile (Top Layer) & Yellow Mastic - Classroom E4
ECG-23-6541-01C	12" Beige Mottled Vinyl Floor Tile (Top Layer) & Yellow Mastic - Classroom H5
ECG-23-6541-02A	Light Gray Vinyl Floor Tile (Bottom Layer) & Black Mastic - Classroom C3
ECG-23-6541-02B	Light Gray Vinyl Floor Tile (Bottom Layer) & Black Mastic - Classroom E4
ECG-23-6541-02C	Light Gray Vinyl Floor Tile (Bottom Layer) & Black Mastic - Classroom H5
ECG-23-6541-03A	6" Light Brown Base Cove & Mastic - Classroom C3
ECG-23-6541-03B	6" Light Brown Base Cove & Mastic - Classroom E4
ECG-23-6541-03C	6" Light Brown Base Cove & Mastic - Classroom H5

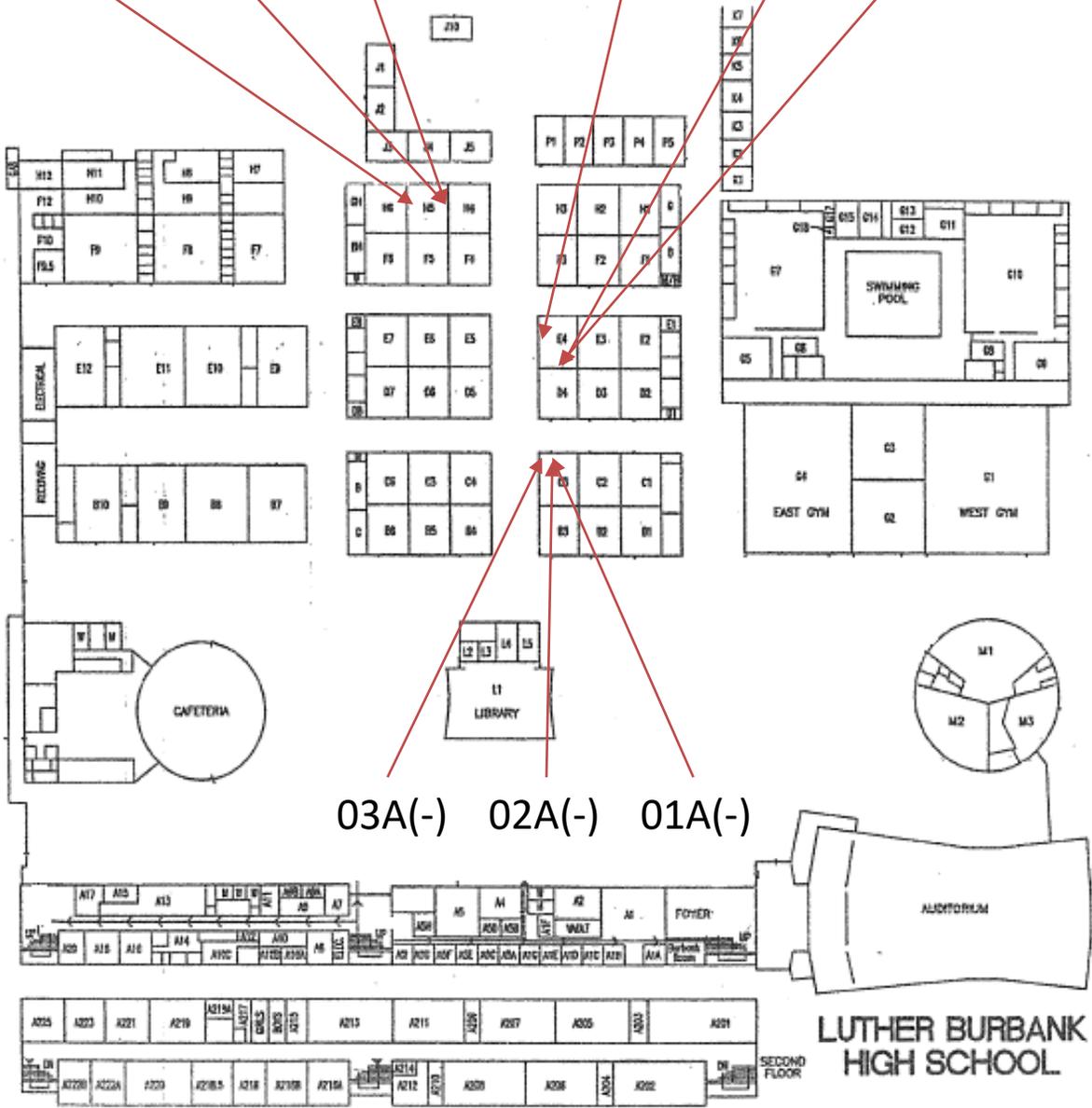
C:\Users\bhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\23-6541 Burbank HS - AsbPb\Bulk Asb\Bulk Request 2-15-23.wpd

Delivered by:  Date: 02/16/2023 Time: 0908 AM/PM

Received by:  Date: 2/16/23 Time: 908 AM/PM



03C(+) 02C(+) 01C(-) 03B(+) 02B(+) 01B(-)



Sacramento City Unified School District
Luther Burbank High School
3500 Florin Road
Sacramento, CA 95823

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

Asbestos Bulk Sample Locations
Collected by Blake Howes
On February 15, 2023
Project Number 23-6541



Asbestos Survey Form

(See Instructions)

777 12th Street, 3rd Floor
 Sacramento, CA 95814
 Office (916) 874-4800
 Fax (916) 874-4899
 Email:
asbestos@airquality.org

1. Purpose of Survey		<input checked="" type="checkbox"/> Renovation		<input type="checkbox"/> Demolition		
2. Facility Information						
Project Area(s) Description Luther Burbank High School - Classroom Floors						
Address 3500 Florin Road		City Sacramento		# of Structures 6		
3. Owner Information						
Name Sacramento City Unified School District						
Address 5735 47 th Avenue		City/State Sacramento, California		Zip 95824		
Contact	Phone	Fax	Email			
Chris Ralston	(916) 395-3970		chris-ralston@scusd.edu			
4. Consultant Information		Survey Date(s): February 15, 2023				
Company Name Entek Consulting Group, Inc.						
Name Blake Howes				DOSH # 13-5015		
Address 4200 Rocklin Road, Suite 7		City/State Rocklin, California		Zip 95677		
Phone (916) 632-6800	Fax (916) 632-6812	Email bhowes@entekgroup.com	Signature			
5. Client Information (If different than owner)		<input type="checkbox"/> General Contractor		<input type="checkbox"/> Insurance Company		
<input type="checkbox"/> Architect		<input type="checkbox"/> Property Manager		<input type="checkbox"/> Other _____		
Name						
Address		City/State		Zip		
Contact	Phone	Fax	Email			
6. Have all of the suspect materials that will be disturbed been sampled?					<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If no, explain why:						
7. Summary of Total Asbestos Containing Material (ACM) Findings						
Regulated Asbestos Containing Material (RACM) (Includes materials subject to known mechanical removal and fire damaged materials)			Category II		Category I	
Square Ft.	Linear Ft.	Cubic Ft.	Square Ft.	Linear Ft.	Square Ft.	Linear Ft.
0	0	0	1,440	0	69,600	0
To receive future SMAQMD Rule updates and changes affecting your industry (check one box):						
<input type="checkbox"/> Please send e-mail notices to			<input type="checkbox"/> I will sign up myself at www.airquality.org/listserve/ 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



APPENDIX B

LEAD RELATED DOCUMENTS

- Bulk Lead Analysis Report From MicroTest
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawing
- CDPH Lead Hazard Evaluation Report (Form 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
L31605-14

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 Wednesday, February 15, 2023
Time

MicroTest Laboratories

Analytical Data

JOB SITE INFORMATION

Sampler Blake Howes
Project Sacramento City Unified School District
Site Luther Burbank High School
Address 3500 Florin Road
 Sacramento, CA 95823
Job # 23-6541

EPA METHOD 7420/7000B

Client	Laboratory	Client	Reporting	Results	Units	Limits	Results	Units
Sample ID	Sample ID	Sample Location / Description	Matrix	Results	Units	Limits	Comments	Units
ECG-23-6541-01Pb	L31605	Beige Colored Paint - Wood Wall Paneling, Classroom C3	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-02Pb	L31606	Tan Colored Paint - Wood Casework, Classroom C3	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-03Pb	L31607	White Colored Paint - Metal Ceiling Deck, Classroom C3	Paint	0.07%	Wt %	0.01%	679	PPM
ECG-23-6541-04Pb	L31608	Beige Colored Paint - Drywall Wall, Classroom E4	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-05Pb	L31609	White Colored Paint - Metal I-Beam, Classroom E4	Paint	0.19%	Wt %	0.01%	1890	PPM
ECG-23-6541-06Pb	L31610	Peach Colored Paint - Concrete Exterior Wall, Near Classroom H3	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-07Pb	L31611	Peach Colored Paint - Metal Exterior Column, Near Classroom C4	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-08Pb	L31612	Orange Colored Paint - Metal Exterior Door, Classroom C4	Paint	<0.01%	Wt %	0.01%	<100	PPM
ECG-23-6541-09Pb	L31613	Blue Colored Paint - Exterior Walkway Metal Support Column, Between Classrooms C3 & C4	Paint	3.23%	Wt %	0.01%	32329	PPM
ECG-23-6541-10Pb	L31614	Black Colored Paint - Metal Exterior Downspot, Near Classroom C6	Paint	0.33%	Wt %	0.01%	3291	PPM

Date Received: Thursday, February 16, 2023
Date Analyzed: Thursday, February 16, 2023
Date Reported: Monday, February 20, 2023

Samples Received: 10
 Samples Analyzed: 10

Analyst: Ry Jensen

Authorized Signatory: 
 Kelly Favero - Lab Manager

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

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

Date of Sampling: February 15, 2023

Lab: MicroTest Laboratories

Job Number: 23-6541

Collected by: Blake Howes

Client Name: Sacramento City Unified School District

Turnaround Time: 48 Hour

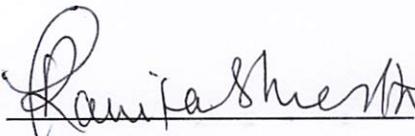
Site Address: Luther Burbank High School
 3500 Florin Road
 Sacramento, CA 95823

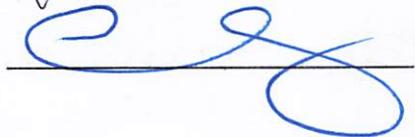
ANALYSIS REQUESTED: Lead by Flame Atomic Absorption Spectroscopy

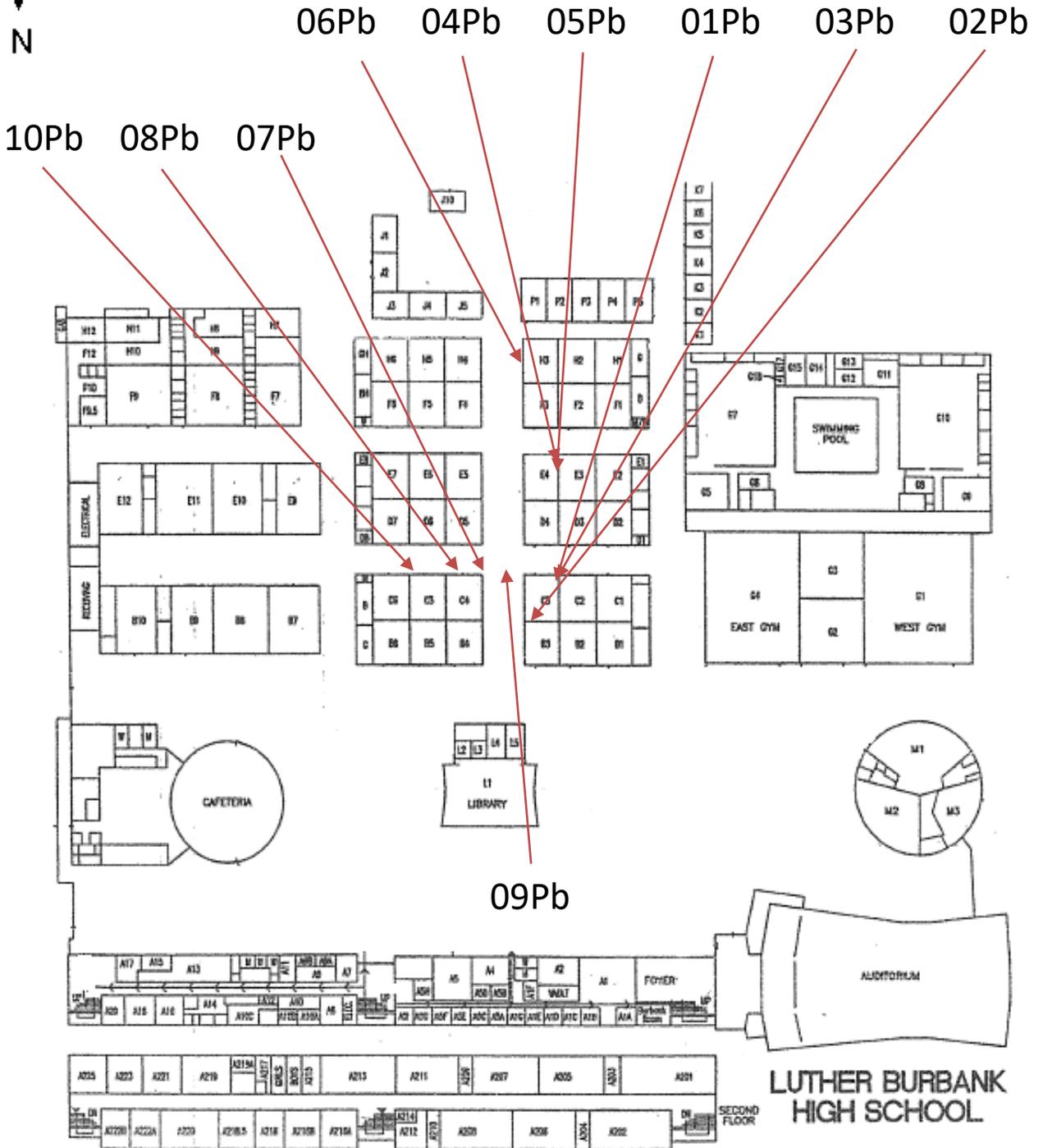
Special Instruction: *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-23-6541-01Pb	Beige Colored Paint - Wood Wall Paneling, Classroom C3
ECG-23-6541-02Pb	Tan Colored Paint - Wood Casework, Classroom C3
ECG-23-6541-03Pb	White Colored Paint - Metal Ceiling Deck, Classroom C3
ECG-23-6541-04Pb	Beige Colored Paint - Drywall Wall, Classroom E4
ECG-23-6541-05Pb	White Colored Paint - Metal I-Beam, Classroom E4
ECG-23-6541-06Pb	Peach Colored Paint - Concrete Exterior Wall, Near Classroom H3
ECG-23-6541-07Pb	Peach Colored Paint - Metal Exterior Column, Near Classroom C4
ECG-23-6541-08Pb	Orange Colored Paint - Metal Exterior Door, Classroom C4
ECG-23-6541-09Pb	Blue Colored Paint - Exterior Walkway Metal Support Column, Between Classrooms C3 & C4
ECG-23-6541-10Pb	Black Colored Paint - Metal Exterior Downspout, Near Classroom C6

C:\Users\lhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\23-6541 Burbank HS - AsbPb\Bulk Pb\Bulk Request Pb 2-15-23.wpd

Delivered by:  **Date:** 02/16/2023 **Time:** 0911 AM/PM

Received by:  **Date:** 2/16/23 **Time:** 0915 AM/PM



Sacramento City Unified School District
Luther Burbank High School
3500 Florin Road
Sacramento, CA 95823

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

Lead Bulk Sample Locations
Collected by Blake Howes
On February 15, 2023
Project Number 23-6541

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



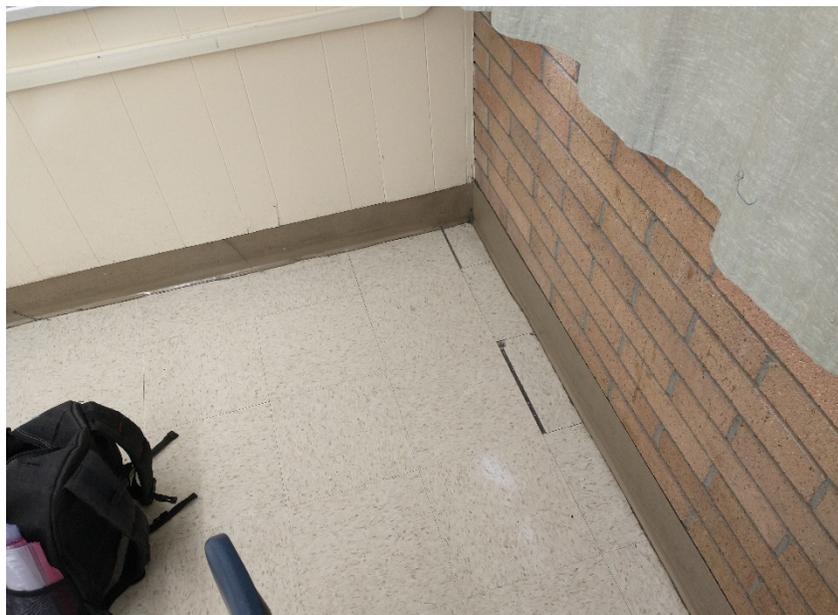
APPENDIX C

BACK UP DOCUMENTATION

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

Photo Log

Job Number:	23-6541	Date:	February 15, 2023
Client:	Sacramento City Unified School District		
Site Address:	Luther Burbank High School – 3500 Florin Road, Sacramento 95823		



Typical Classroom Floor with Vinyl Floor Tile, Cove Base, Brick Wall, Wood Wall



Multiple Layers of Vinyl Floor Tile Assumed Present in All Classrooms

Photo Log

Job Number:	23-6541	Date:	February 15, 2023
Client:	Sacramento City Unified School District		
Site Address:	Luther Burbank High School – 3500 Florin Road, Sacramento 95823		



Typical Classroom Layout



Typical Exterior of Classrooms

Photo Log

Job Number:	23-6541	Date:	February 15, 2023
Client:	Sacramento City Unified School District		
Site Address:	Luther Burbank High School – 3500 Florin Road, Sacramento 95823		



Typical Hallway Near Classrooms



Typical Covered Walkways Outside Classrooms

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

Blake W Howes

Name



Certification No. **13-5015**

Expires on **04/17/23**

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:

Lead Inspector/Assessor

NUMBER:

LRC-00003315

EXPIRATION DATE:

9/27/2023

Blake Howes

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

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101442-0

ASBESTECH
Rancho Cordova, CA

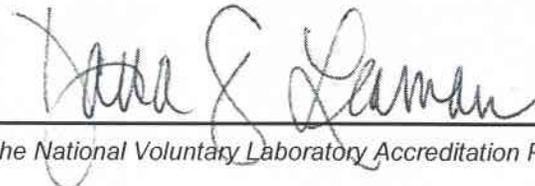
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

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).*

2022-07-01 through 2023-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

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

<http://www.asbestechlab.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101442-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

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

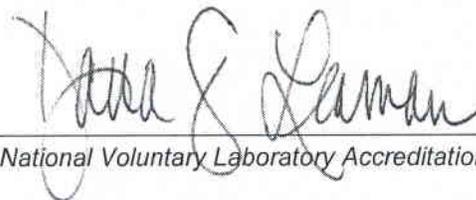
Airborne Asbestos Analysis

Code

Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



STATE 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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