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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

John F Kennedy High School
6715 Gloria Drive
Sacramento, CA 95831

BUILDING(S) SURVEYED

Pool Area, Pool Equipment Room, Pool Area Restrooms
Pool Upgrade Project

PREPARED BY

Blake Howes
CAC #13-5015 & CDPH #I/A 3315
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4200 Rocklin Road, Suite 7
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Entek Project #24-7160

May 15, 2024

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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. 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 upgrades to the pool area, pool equipment room, and some minor work in pool restrooms of JFK High School located at 6715 Gloria Drive Sacramento, CA 95831.

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 May 3, 2024 Entek conducted a survey specific to areas designated by the owner's representative which included the pools, surrounding deck and diving boards, the pool equipment and pump room, and several adjacent restrooms.

The results of testing for asbestos during this survey indicate asbestos is present in pipe insulation, tank insulation, boiler gaskets, and possible boiler materials in the pool equipment and pump room. Specifics pertaining to individual materials can be found in later sections of this report.

Lead

Entek investigated existing paints, applied coatings and glazed ceramic tiles in an effort to determine if lead was present in these materials. The materials in the following bullet point list were found 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 paints, coatings, or glazed ceramic tiles are impacted by a "trigger task", prior notification to Cal/OSHA will be required.

- Beige Colored Paint - Pool Equipment Room on Drywall Walls
- Green Colored Paint - Pool Equipment Room on Metal Poles
- Red Colored Paint - Pool Equipment Room on Metal Hand Rails

Other paints or applied coatings as indicated in the following bullet point 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.

- Beige Colored Paint - Pool Equipment Room on Metal Ceiling Panels
- Gray Colored Paint - Pool Equipment Room on Metal Roof Trusses
- Gray Colored Paint - Pool Equipment Room on Metal Boiler Unit
- Light Blue Colored Paint - Pool Equipment Room on Metal Pipes
- Gray Colored Paint - Pool Area on Diving Board Support Columns
- Beige Colored Paint - Restrooms on Wall Panels

The blue 6" ceramic tile glaze associated with the pool perimeter walls and the beige 4" ceramic tile glaze found on restroom walls were found not to contain lead above the analysis method detection limit.

Introduction

This report presents results of an asbestos and lead survey performed by Entek which included select interior and exterior areas of the pools, surrounding deck and diving boards, the pool equipment and pump room, and several adjacent restrooms of John F Kennedy High School located at 6715 Gloria Drive in Sacramento, CA 95831.

The inspection was conducted by Mr. Blake Howes on May 3, 2024. 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.

Building Description

This survey was specific to interior and exterior areas of the JFK High School campus as designated on the plans provided to Entek. The pool area is a standard concrete surfaced site with two swimming pools. The pools are have a hard surface coating at all walls and blue glazed ceramic tile at the perimeter. One pool has several diving boards on large metal columns. The pool surround is concrete with various sealants and rounded edge brick immediately surrounding the pools.

The pool equipment and pump room contains various pipe, tank, and boiler systems serving the pools. Most pipe is jacketed in asbestos containing friable insulating material. Several water tanks are present and jacketed in asbestos containing friable insulating material as well. The boiler unit has asbestos containing gasket material and may have other asbestos containing materials located in the interior. No access to the interior of the boiler was gained during this survey. The room itself has a concrete floor with a sump type pit in one corner. Drywall walls are present on the west, east, and south sides of the room. The north side of the room has walls constructed of some type of hard sound insulator board. The ceiling is a metal panel system in a large metal framed grid. Above ceiling spaces have metal roof trusses, fiberglass insulation, and fiberglass insulated pipes.

The restrooms around the pool area are all of similar construction with 2" ceramic floor tile, 4" ceramic wall tile, and some type of painted wall panel system above the tile.

Asbestos Inspection and Sample Collection Protocols

Entek included specific interior areas of the buildings included in this report, but used only limited methods to look within enclosed 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.

Thermal system insulation (TSI) materials were collected in a randomly distributed manner from each homogenous area that was not assumed to be ACM as required in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, published October 30, 1987.

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.

All samples found to contain <1% asbestos by PLM analysis which are not identified as containing >1% asbestos, classified as RACM, CAT-I, or CAT-II materials in the following results tables were additionally analyzed using the 400 point count (PC) method with analysis by PLM. This additional analysis is required by NESHAP and enforced by SMAQMD. The PC method analysis results were used only to verify a material did not contain >1% asbestos as a single layer material, or as a composite result which is provided for materials such as sheet rock/drywall and joint compound used for wall/ceiling systems. A result reported as none detected or "trace" by the PC method only verified the initial PLM result of <1% and shall not be used to determine the identified material does not contain asbestos. Copies of Asbestech's laboratory reports and accreditations are attached.

Neither OSHA or Cal/OSHA allow for composite sampling of wall system materials, and neither address the use of the PC method to confirm a material identified as containing <1% asbestos by the PLM method either contains <1% asbestos or is non-detected for asbestos. As a result, reporting of the asbestos content related to a composited material such as sheet rock/drywall and joint compound does not apply to determining if a material is or is not an ACM by OSHA or an ACCM by Cal/OSHA.

A total of 29 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**
01A	Large Water Tank Outside Insulation, Gray Wrap	**1-5% CHRYSOTILE** **5-10% AMOSITE** (Insulation) NONE DETECTED (Gray Wrap)	Pool Equipment Room - Large Tank	RACM	300 Sq.
02A	Small Water Tanks Outside Insulation, Gray Wrap	**10-15% AMOSITE** NONE DETECTED (Gray Wrap)	Pool Equipment Room - Small Tank & Small Tank Above Boiler	RACM	40 Sq.
03A	8" Outer Diameter Pipe Insulation, Gray Wrap	**10-15% AMOSITE** NONE DETECTED (Gray Wrap)	Pool Equipment Room - Throughout	RACM	110 Ln.
04A	4-6" Outer Diameter Pipe Insulation, Gray Wrap	**5-10% AMOSITE** NONE DETECTED (Gray Wrap)	Pool Equipment Room - Throughout	RACM	210 Ln.
05A-B	Boiler Unit Gasket Material	**80-90% CHRYSOTILE**	Pool Equipment Room - Boiler	CAT-I	5 Sq.
N/A	Boiler Unit Brick or Block Insulation	ASSUMED TO CONTAIN ASBESTOS	Pool Equipment Room - Boiler	RACM	Unknown if Present
07A-B	Drywall & Joint Compound	NONE DETECTED (Drywall) **<1% CHRYSOTILE** (Joint Compound) **<1% CHRYSOTILE** (Composite)*	Pool Equipment Room - South, East, and West Walls *Confirmed by 400 Point Count	ACCM	1,000 Sq.

NOTE: Any Category I or Category II materials identified in the previous tables which will be subjected to mechanical removal, must be considered RACM for the purposes of notification to US EPA Region IX and SMAQMD and classification of waste. Removal of any Category I or Category 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 Category I or Category 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**
06A-B	Slab Concrete	Miscellaneous	NONE DETECTED	Pool Equipment Room
08A-B	Cementitious/Acoustical Wallboard Material	Miscellaneous	NONE DETECTED	Pool Equipment Room - North Wall
09A-C	Brown/Black Fiberglass Pipe Insulation Outer Wrap, Silver Foil	TSI	NONE DETECTED	Pool Equipment Room - Above Ceiling Space
10A-B	Pool Deck Concrete	Miscellaneous	NONE DETECTED	Pool Area Surround
11A-B	Pool Deck Concrete Gray Sealant	Miscellaneous	NONE DETECTED	Pool Area Surround
12A-B	Pool Edge Rounded Brick & Mortar	Miscellaneous	NONE DETECTED	Pool Area Surround
13A-B	Pool Lining Material	Miscellaneous	NONE DETECTED	Pools
14A	Blue 6" Ceramic Tile, White Grout	Miscellaneous	NONE DETECTED	Pools at Perimeter Edge
15A	Black 2" Ceramic Tile, Black Grout	Miscellaneous	NONE DETECTED	Pools at Lane Markers
16A-B	Gray 6" Ceramic Floor Tile, Gray Grout	Miscellaneous	NONE DETECTED	Restrooms Near Pools
17A-B	Beige 4" Ceramic Wall Tile, White Grout	Miscellaneous	NONE DETECTED	Restrooms Near Pools

All sample number noted in the tables above start with ECG-24-7160-

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.

If more than 100 square feet of ACCM or ACM 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 ACM or ACCM even if less than 100 square feet of ACM or 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 11 bulk samples of the painted surfaces and glazed ceramic tiles from various locations throughout the project area 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**
Beige Colored Paint	5,143 ppm	Drywall Walls - Pool Equipment Room
Green Colored Paint	17,853 ppm	Metal Support Poles - Pool Equipment Room
Red Colored Paint	80,231 ppm	Metal Hand Rails - Pool Equipment Room

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/cm^2, 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**
Beige Colored Paint	930.3 ppm	Metal Ceiling Panels - Pool Equipment Room
Gray Colored Paint	551.2 ppm	Metal Roof Trusses - Pool Equipment Room
Gray Colored Paint	146.7 ppm	Metal Boiler Unit - Pool Equipment Room
Light Blue Colored Paint	3,440 ppm	Metal Pipes - Pool Equipment Room
Gray Colored Paint	804.7 ppm	Metal Support Column - Diving Pool at Diving Board
Beige Colored Paint	4,443 ppm	Wall Panels - Restrooms Surrounding Pool Area

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**
Blue 6" Ceramic Tile Glaze	Pools at Perimeter Walls
Beige 4" Ceramic Tile Glaze	Restrooms Surrounding Pool Area on Wall Tiles

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 the pools, surrounding deck and diving boards, the pool equipment and pump room, and several adjacent restrooms designated part of the upcoming project on plans provided to Entek.

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\bhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\24-7160 JFK HS, Pool - AsbPb\Project Letters & Reports\Final Haz Mat Insp Rprt JFK Pool 5-15-24.wpd

APPENDIX A

ASBESTOS RELATED DOCUMENTS

- PLM Bulk Sample Analysis Reports From Asbestech
- PLM Bulk Sample Analysis Request Forms for Entek
- Sample Location Drawings
- SMAQMD Survey Form
- SMAQMD Renovation/Demolition Notification Form

ASBESTECH
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Rocklin, CA 95677

Job:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71154-1
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/6/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-01A	White large water tank outside insulation, pool equipment room	1-5 CHRYSOTILE 5-10 AMOSITE	Gypsum
	Gray wrap	NONE DETECTED	Cellulose
02A	White small water tank outside insulation, pool equipment room	10-15 AMOSITE	Calcite
	Gray wrap	NONE DETECTED	Cellulose
03A	White 8” OD pipe insulation, pool equipment room	10-15 AMOSITE	Gypsum
	Gray wrap	NONE DETECTED	Cellulose
04A	White 4-6” OD pipe insulation, pool equipment room	5-10 AMOSITE	Calcite
	Gray wrap	NONE DETECTED	Cellulose
05A	Gray boiler unit gasket, pool equipment room	NONE DETECTED	Fibrous Glass
05B	Black/silver boiler unit gasket, pool equipment room	80-90 CHRYSOTILE	Tar Binder Opaques
06A	Gray slab concrete , pool equipment room	NONE DETECTED	Granular Mins.

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Rocklin, CA 95677

Job:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71154-2
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/6/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-06B	Gray slab concrete , pool equipment room	NONE DETECTED	Granular Mins.
07A	White drywall, pool equipment room south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
07B	White drywall, pool equipment room south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
08A	Gray cementitious/acoustical wallboard material, pool equipment room north wall	NONE DETECTED	Calcite
	White wallboard	NONE DETECTED	Calcite Fibrous Glass
08B	Gray cementitious/acoustical wallboard material, pool equipment room north wall	NONE DETECTED	Calcite
	White wallboard	NONE DETECTED	Calcite Fibrous Glass

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

NVLAP LAB CODE 101442-0 LAB DIRECTOR: TOM CONLON ANALYST: JIM JUNGLES 

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Job:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71154-3
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/6/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-09A	Brown/black fiberglass pipe insulation outer wrap, pool equipment room above ceiling space on 4-6" OD pipes	NONE DETECTED	Tar Binder Cellulose
	Silver foil	NONE DETECTED	Opaques
09B	Brown/black fiberglass pipe insulation outer wrap, pool equipment room above ceiling space on 4-6" OD pipes	NONE DETECTED	Tar Binder Cellulose
	Silver foil	NONE DETECTED	Opaques
09C	Brown/black fiberglass pipe insulation outer wrap, pool equipment room above ceiling space on 4-6" OD pipes	NONE DETECTED	Tar Binder Cellulose
	Silver foil	NONE DETECTED	Opaques
10A	Gray pool deck concrete , pool area	NONE DETECTED	Granular Mins.
10B	Gray pool deck concrete , pool area	NONE DETECTED	Granular Mins.
11A	Gray pool deck concrete sealant , pool area	NONE DETECTED	Calcite
11B	Gray pool deck concrete sealant , pool area	NONE DETECTED	Calcite
12A	White pool edge rounded brick & mortar, pool area	NONE DETECTED	Granular Mins.

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

NVLAP LAB CODE 101442-0 LAB DIRECTOR: TOM CONLON ANALYST: JIM JUNGLES

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:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71154-4
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/6/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-12B	White pool edge rounded brick & mortar, pool area	NONE DETECTED	Granular Mins.
13A	White pool deck lining material, pool area	NONE DETECTED	Calcite
13B	White pool deck lining material, pool area	NONE DETECTED	Calcite
14A	Blue 6” ceramic tile, pool perimeter wall	NONE DETECTED	Granular Mins.
	White grout	NONE DETECTED	Calcite
15A	Black 2” ceramic tile, pool swim lane marker tile	NONE DETECTED	Granular Mins.
	Black grout	NONE DETECTED	Pumice
16A	Gray 6” ceramic floor tile, boy’s locker room NW exterior restroom	NONE DETECTED	Granular Mins.
	Gray grout	NONE DETECTED	Granular Mins.
16B	Gray 6” ceramic floor tile, boy’s locker room NW exterior restroom	NONE DETECTED	Granular Mins.
	Gray grout	NONE DETECTED	Granular Mins.

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

NVLAP LAB CODE 101442-0 LAB DIRECTOR: TOM CONLON ANALYST: JIM JUNGLES 

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:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71154-5
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/6/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-17A	Beige 4" ceramic wall tile, boy's locker room NW exterior restroom	NONE DETECTED	Granular Mins.
	White grout	NONE DETECTED	Calcite
17B	Beige 4" ceramic wall tile, boy's locker room NW exterior restroom	NONE DETECTED	Granular Mins.
	White grout	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 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.

NVLAP LAB CODE 101442-0 LAB DIRECTOR: TOM CONLON ANALYST: JIM JUNGLES 

ENTEK

400 Point Count Confirmation Analysis Results
(Confirmation of <1% Asbestos Content)

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:
24-7160 Sacramento City USD
John F Kennedy High School, 6715 Gloria Dr.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 71170
Date/Time Collected: 5/3/24
Date Received: 5/3/24

NVLAP Lab Code 101442-0
Date Analyzed: 5/8/24

Sample No.	*Color/Description*	*% Type Asbestos*	*Other Materials*
ECG-24-7160-07A	White drywall/joint compound composite , pool equipment room south wall	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
07B	White drywall/joint compound composite , pool equipment room south wall	TRACE CHRYSOTILE	Gypsum Fibrous Glass Calcite

NOTE: These samples were analyzed by quantitative Point Counting using a Chalkley Point Array over 400 non-empty points.

NVLAP LAB CODE 101442-0 LAB DIRECTOR: TOM CONLON ANALYST: JIM JUNGLES Jim Jungles

71154

ENTEK

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

Date of Sampling: May 3, 2024

Job Number: 24-7160

Client Name: Sacramento City Unified School District

Site Address: John F Kennedy High School
6715 Gloria Drive
Sacramento, CA 95831

Lab: Asbestech

Collected by: Blake Howes

Turnaround Time: Tuesday, 5-7-24 by 5:00 pm

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-24-7160-01A	Large Water Tank Outside Wrap Insulation - Pool Equipment Room
ECG-24-7160-02A	Small Water Tank Outside Wrap Insulation - Pool Equipment Room
ECG-24-7160-03A	8" Outer Diameter Pipe Insulation Wrap - Pool Equipment Room
ECG-24-7160-04A	4-6" Outer Diameter Pipe Insulation Wrap - Pool Equipment Room
ECG-24-7160-05A	Boiler Unit Gasket - Pool Equipment Room
ECG-24-7160-05B	Boiler Unit Gasket - Pool Equipment Room
ECG-24-7160-06A	Slab Concrete - Pool Equipment Room
ECG-24-7160-06B	Slab Concrete - Pool Equipment Room
ECG-24-7160-07A	Drywall & Joint Compound - Pool Equipment Room South Wall
ECG-24-7160-07B	Drywall & Joint Compound - Pool Equipment Room South Wall
ECG-24-7160-08A	Cementitious/Acoustical Wallboard Material & Joint Compound - Pool Equipment Room North Wall
ECG-24-7160-08B	Cementitious/Acoustical Wallboard Material & Joint Compound - Pool Equipment Room North Wall
ECG-24-7160-09A	Fiberglass Pipe Insulation Outer Wrap - Pool Equipment Room Above Ceiling Space on 4-6" Outer Diameter Pipes

Delivered by: _____ **Date:** 5/3/24 **Time:** 11:17 **AM/PM**

Received by: _____ **Date:** 5/3/24 **Time:** 1117 **AM/PM**

7154

ENTEK

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

Date of Sampling: May 3, 2024

Job Number: 24-7160

Client Name: Sacramento City Unified School District

Site Address: John F Kennedy High School
6715 Gloria Drive
Sacramento, CA 95831

Lab: Asbestech

Collected by: Blake Howes

Turnaround Time: Tuesday, 5-7-24 by 5:00 pm

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-24-7160-09B	Fiberglass Pipe Insulation Outer Wrap - Pool Equipment Room Above Ceiling Space on 4-6" Outer Diameter Pipes
ECG-24-7160-09C	Fiberglass Pipe Insulation Outer Wrap - Pool Equipment Room Above Ceiling Space on 4-6" Outer Diameter Pipes
ECG-24-7160-10A	Pool Deck Concrete - Pool Area
ECG-24-7160-10B	Pool Deck Concrete - Pool Area
ECG-24-7160-11A	Pool Deck Concrete Sealant - Pool Area
ECG-24-7160-11B	Pool Deck Concrete Sealant - Pool Area
ECG-24-7160-12A	Pool Edge Rounded Brick & Mortar - Pool Area
ECG-24-7160-12B	Pool Edge Rounded Brick & Mortar - Pool Area
ECG-24-7160-13A	Pool Lining Material - Pool Area
ECG-24-7160-13B	Pool Lining Material - Pool Area
ECG-24-7160-14A	Blue 6" Ceramic Tile & Grout - Pool Perimeter Wall
ECG-24-7160-15A	Black 2" Ceramic Tile & Grout - Pool Swim Lane Marker Tile
ECG-24-7160-16A	Gray 6" Ceramic Floor Tile & Grout - Boy's Locker Room Northwest Exterior Restroom

Delivered by: [signature] **Date:** 5/3/24 **Time:** 11:57 AM/PM

Received by: [signature] **Date:** 5/3/24 **Time:** 11:17 AM/PM

7/154

ENTEK

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

Date of Sampling: May 3, 2024

Job Number: 24-7160

Client Name: Sacramento City Unified School District

Site Address: John F Kennedy High School
6715 Gloria Drive
Sacramento, CA 95831

Lab: Asbestech

Collected by: Blake Howes

Turnaround Time: Tuesday, 5-7-24 by 5:00 pm

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.*

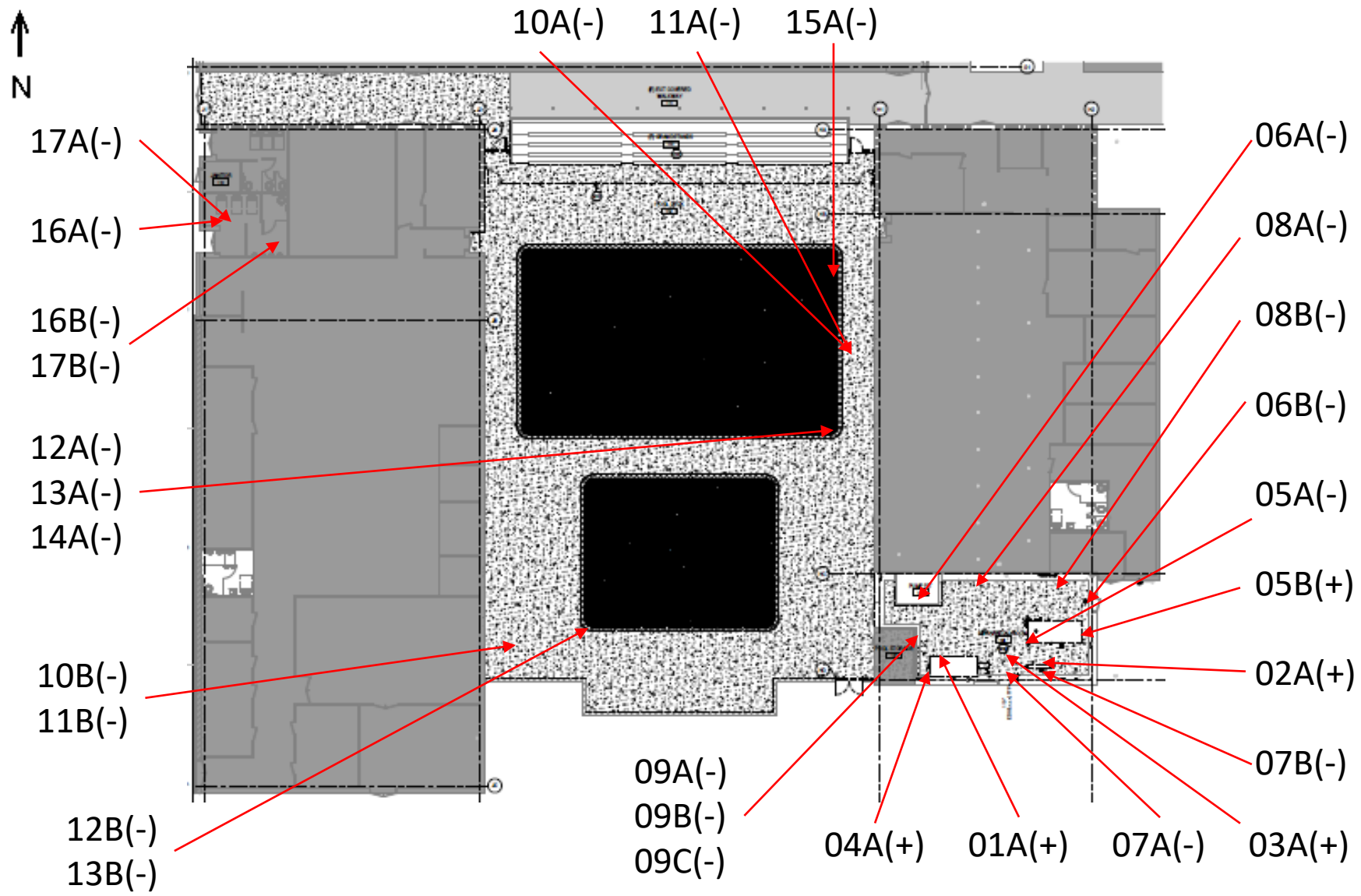
Please e-mail results at mainoffice@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-24-7160-16B	Gray 6" Ceramic Floor Tile & Grout - Boy's Locker Room Northwest Exterior Restroom
ECG-24-7160-17A	Beige 4" Ceramic Wall Tile & Grout - Boy's Locker Room Northwest Exterior Restroom
ECG-24-7160-17B	Beige 4" Ceramic Wall Tile & Grout - Boy's Locker Room Northwest Exterior Restroom

C:\Users\bhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\24-7160 JFK HS, Pool - AsbPb\Bulk Asb\Bulk Request 05-03-24.wpd

Delivered by: _____ **Date:** 5/3/24 **Time:** 11:57 **AM/PM**

Received by: _____ **Date:** 5/3/24 **Time:** 1117 **AM/PM**



Sacramento City Unified School District John F Kennedy High School 6715 Gloria Drive Sacramento, CA 95834	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 May 3, 2024 Project Number 24-7160

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

Asbestos Survey Form

(See Instructions)

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

1. Purpose of Survey	X	Renovation		Demolition

2. Facility Information

Project Area(s) Description	John F Kennedy High School - Pool Upgrade Project		
Address: 6715 Gloria Drive		City: Sacramento	# of Structures: 1

3. Owner Information

Name	Sacramento City Unified School District		
Address: 425 1st Avenue		City/State: Sacramento, CA	Zip: 95818

Contact	Phone	Fax	Email
Mr. Chris Ralston	916-643-2464		chris-ralston@scusd.edu

4. Consultant Information — **Survey Date(s): May 3, 2024**

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	Fax	Email	Signature
(916) 632-6800	(916) 632-6812	bhowes@entekgroup.com	Blake Howes

5. Client Information (If different than owner) ☐ General Contractor ☐ Insurance Company ☐ Architect ☐ Property Manager ☐ Other _____

Name		
Address	City/State	Zip

Contact	Phone	Fax	Email

6. Have all of the suspect materials that will be disturbed been sampled? ■ Yes ☐ 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.
340	320	0	0	0	5	0

To receive future SMAQMD Rule updates and changes affecting your industry (check one box):

☐ Please send e-mail notices to ☐ I will sign up myself at www.airquality.org/listserve/ to receive emailed notices.

■ I am already subscribed. ☐ I want the District to mail notices to the address on this application: ☐ Owner ☐ Consultant

C:\Users\bhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\24-7160 JFK HS, Pool - AsbPb\SMAQMD Forms\SMAQMD Asbestos Survey Form 2019.wpd

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

Asbestos Renovation/Demolition Notification Form

777 12th Street, 3rd Floor
Sacramento, CA 95814
Office (916) 874-4800
Fax (916) 874-4899
Asbestos@airquaility.org

1	Building Department Permit Application # (if known) : _____	■ ☐ ☐ ☐	Renovation (Do not complete Section 5) Demolition (Complete all sections) Ordered Demo - Attach ordered demo letter Emergency Demo - SMAQMD Emergency #._____

2	Contractor	Owner
	Address	Address
	City, State / Zip	City, State / Zip
	Email	Email
	Telephone	Telephone

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

4	Preference for return of form	☐ E-mail	☐ Other :

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

5		Revision # 1 2 3 4 5 6 7 8 9 (circle)
	Start Date ____/____/____	New Start Date ____/____/____
	Completion Date ____/____/____	New Completion Date ____/____/____
	Method of Demo: (Check Applicable): ☐ Manual/Hand Tools ☐ Mechanical/Heavy Equipment ☐ 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.

6	Application Name (Print)	☐ ☐ ☐	Owner Rep / Agent Contractor	Permit may be issued on:
	Phone Number			
	Application Signature	Date		

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

CONSULTANT USE ONLY

Company Name Entek Consulting Group, Inc.		Telephone (916) 632-6800	
Surveyor Name Blake Howes		DOSH # 13-5015	Survey Date 5-3-24
Analytical Method PLM by Dispersion Staining		Pt Count Materials <10% ■ Yes ☐ No ☐ Declined by Client	
Amount of RACM	Square Feet 340	Linear Feet 320	Cubic Feet 0
Amount of Category I 5		Amount of Category II 0	
Project Address 6715 Gloria Drive		City Sacramento	Zip 95838
Suspect Materials Present? ■ Yes ☐ No		Consultant's Signature Blake Howes	

SMAQMD USE ONLY

Date Received / Date Postmark _____ Date Approved & Returned _____

Project #_____ Check #_____ Receipt #_____ Amount Paid _____ Staff _____

APPENDIX B

LEAD RELATED DOCUMENTATION

- Bulk Lead Analysis Report From MicroTest
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawings
- CDPH 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

L34809-19

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 Friday, May 3, 2024
Time

MicroTest Laboratories

Analytical Report

JOB SITE INFORMATION

Sampler Blake Howes
Project Sacramento City Unified School District
Site John F Kennedy High School
Address 6715 Gloria Drive
Sacramento, CA 95831
Job # 24-7160
PO #

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

Client Sample ID	Laboratory Sample ID	Client Sample Description	Matrix	Results	Reporting Limits (RL)	Comments
ECG-24-7160-01Pb	L34809	Beige Colored Paint - Pool Equipment Room on Drywall Walls	Paint	0.51 % Wt	0.01 %Wt	
				5143 PPM	100 PPM	
ECG-24-7160-02Pb	L34810	Beige Colored Paint - Pool Equipment Room on Metal Ceiling Panels	Paint	0.09 % Wt	0.01 %Wt	
				930.3 PPM	100 PPM	
ECG-24-7160-03Pb	L34811	Gray Colored Paint - Pool Equipment Room on Metal Roof Trusses	Paint	0.06 % Wt	0.01 %Wt	
				551.2 PPM	100 PPM	
ECG-24-7160-04Pb	L34812	Gray Colored Paint - Pool Equipment Room on Boiler Unit	Paint	0.01 % Wt	0.01 %Wt	
				146.7 PPM	100 PPM	
ECG-24-7160-05Pb	L34813	Green Colored Paint - Pool Equipment Room on Metal Support Poles	Paint	1.79 % Wt	0.1 %Wt	
				17853 PPM	1000 PPM	
ECG-24-7160-06Pb	L34814	Light Blue Colored Paint - Pool Equipment Room on Metal Pipes	Paint	0.34 % Wt	0.01 %Wt	
				3440 PPM	100 PPM	
ECG-24-7160-07Pb	L34815	Red Colored Paint - Pool Equipment Room on Metal Hand Rails	Paint	8.02 % Wt	1 %Wt	
				80231 PPM	10000 PPM	
ECG-24-7160-08Pb	L34816	Blue 6" Ceramic Tile Glaze - Pool Area at Pool Perimeter Tile	Paint	<RL % Wt	0.01 %Wt	
				<RL PPM	100 PPM	
ECG-24-7160-09Pb	L34817	Gray Colored Paint - Pool Area at Metal Diving Board Support Columns	Paint	0.08 % Wt	0.01 %Wt	
				804.7 PPM	100 PPM	
ECG-24-7160-10Pb	L34818	Beige Colored Paint - Boy's Locker Room Northwest Exterior Restroom on Wall Panels	Paint	0.44 % Wt	0.01 %Wt	
				4443 PPM	100 PPM	

Date Received: Friday, May 3, 2024
Date Analyzed: Monday, May 6, 2024
Date Reported: Wednesday, May 15, 2024

Analyst: **Ry Jensen**

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.

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

L34809-19

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

SAMPLE

Date	Friday, May 3, 2024
Time	

MicroTest Laboratories

Analytical Report

JOB SITE INFORMATION

Sampler	Blake Howes
Project	Sacramento City Unified School District
Site	John F Kennedy High School
Address	6715 Gloria Drive Sacramento, CA 95831
Job #	24-7160
PO #	

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

Client Sample ID	Laboratory Sample ID	Client Sample Description	Matrix	Results	Reporting Limits (RL)	Comments
ECG-24-7160-11Pb	L34819	Beige 4" Ceramic Tile Glaze - Boy's Locker Room Northwest Exterior Restroom on Wall Tile	Paint	<RL % Wt <RL PPM	0.01 %Wt 100 PPM	

Date Received:	Friday, May 3, 2024
Date Analyzed:	Monday, May 6, 2024
Date Reported:	Wednesday, May 15, 2024

Analyst: **Ry Jensen**

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.

ENTEK

BULK LEAD MATERIAL *Analysis Request*

Project ID: L34809-19
Client: Entek
Receipt Date: 05/03/24
Count: 11 **TAT:** 48 HR

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: May 3, 2024

Job Number: 24-7160

Client Name: Sacramento City Unified School District

Site Address: John F Kennedy High School
6715 Gloria Drive
Sacramento, CA 95831

Lab: MicroTest Laboratories

Collected by: Blake Howes

Turnaround Time: 48 Hour

ANALYSIS REQUESTED: Lead by Flame Atomic Absorption Spectroscopy

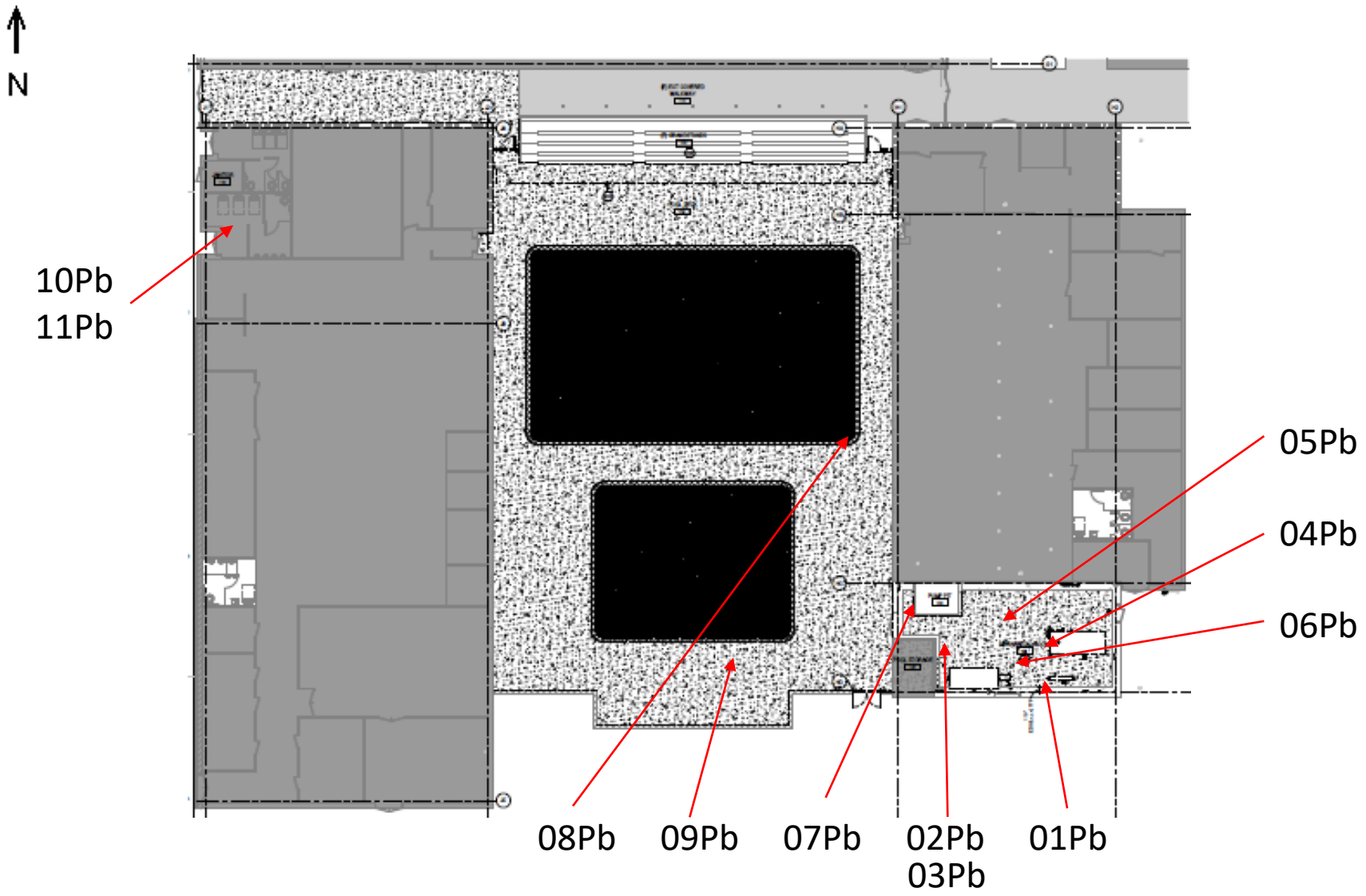
Special Instruction: *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-24-7160-01Pb	Beige Colored Paint - Pool Equipment Room on Drywall Walls
ECG-24-7160-02Pb	Beige Colored Paint - Pool Equipment Room on Metal Ceiling Panels
ECG-24-7160-03Pb	Gray Colored Paint - Pool Equipment Room on Metal Roof Trusses
ECG-24-7160-04Pb	Gray Colored Paint - Pool Equipment Room on Boiler Unit
ECG-24-7160-05Pb	Green Colored Paint - Pool Equipment Room on Metal Support Poles
ECG-24-7160-06Pb	Light Blue Colored Paint - Pool Equipment Room on Metal Pipes
ECG-24-7160-07Pb	Red Colored Paint - Pool Equipment Room on Metal Hand Rails
ECG-24-7160-08Pb	Blue 6" Ceramic Tile Glaze - Pool Area at Pool Perimeter Tile
ECG-24-7160-09Pb	Gray Colored Paint - Pool Area at Metal Diving Board Support Columns
ECG-24-7160-10Pb	Beige Colored Paint - Boy's Locker Room Northwest Exterior Restroom on Wall Panels
ECG-24-7160-11Pb	Beige 4" Ceramic Tile Glaze - Boy's Locker Room Northwest Exterior Restroom on Wall Tile

C:\Users\bhowes\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\Sacramento City USD\24-7160 JFK HS, Pool - AsbPb\Bulk Pb\Bulk Request Pb 05-03-24.wpd

Delivered by: _____ **Date:** 5 / 3 / 24 **Time:** 11:20 AM/PM

Received by: _____ **Date:** 05 / 03 / 24 **Time:** 11:20 AM/PM



Sacramento City Unified School District John F Kennedy High School 6715 Gloria Drive Sacramento, CA 95834	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 May 3, 2024 Project Number 24-7160

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation May 3, 2024

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

■ Lead Inspection ❒ Risk Assessment ❒ Clearance Inspection ❒ Other (specify) Limited Bulk Sampling per Cal/OSHA 1532.1

Section 3–Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]	City	County	Zip Code
6715 Gloria Drive	Sacramento	Sacramento	95838

Construction date (year) of structure	Type of structure	Children living in structure?
1960s	❒ Multi-unit building ■ School or daycare ❒ Single family dwelling ❒ Other (specify)_____	❒ Yes ■ No ❒ Don't Know

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

	Telephone Number
Sacramento City Unified School District - Mr. Chris Ralston	(916) 643-2464

Address [number, street, apartment (if applicable)]	City	State	Zip Code
425 1st Avenue	Sacramento	California	95818

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
Entek Consulting Group, Inc. - Blake Howes	(916) 632-6800

Address [number, street, apartment (if applicable)]	City	State	Zip Code
4200 Rocklin Road, Suite 7	Rocklin	CA	95677

CDPH certification number	Signature	Date
3315	Blake Howes	5-15-24

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, indicating 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:	24-7160	Date:	May 3, 2024
Client:	Sacramento City Unified School District		
Site Address:	JFK High School – Pool Area – 6715 Gloria Drive, Sacramento 95831		

General Pool Area

General Pool Equipment Room

Photo Log

Job Number:	24-7160	Date:	May 3, 2024
Client:	Sacramento City Unified School District		
Site Address:	JFK High School – Pool Area – 6715 Gloria Drive, Sacramento 95831		

Large Water Tank

Boiler Unit

Photo Log

Job Number:	24-7160	Date:	May 3, 2024
Client:	Sacramento City Unified School District		
Site Address:	JFK High School – Pool Area – 6715 Gloria Drive, Sacramento 95831		

Small Tank

Pipe Insulation – Warning Labels Affixed

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

Name **Blake W Howes**

Certification No. **13-5015**

Expires on **04/17/25**

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.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00003315	9/27/2024

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).

2023-07-01 through 2024-06-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

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/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

CALIFORNIA
Water Boards
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**

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

As of 7/1/2022 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.