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Executive Summary

The United



can be found in later sections of this report.

Introduction

This report presents results of an asbestos survey performed by Entek which included the roof of the administration building of James Marshall Elementary School located at 9525 Goethe Rd, Sacramento, CA 95827. Only the flat sections of rolled asphaltic built-up roof were included in this survey along with all associated mastics.

The inspection was conducted by Mr. Blake Howes on February 15, 2023. Mr. Howes is a Cal/OSHA Certified Asbestos Consultant (CAC). 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 the roof of the administration building and does not include any interior spaces. The campus consists of multiple portable classroom buildings, with the administration building the only permanent building observed. The administration building is a single story structure with sloped asphaltic shingle roofing at the perimeter and rolled asphaltic built-up roofing in the central roof area. HVAC ducts and mechanical equipment is present at a small depressed area of flat roof.

Asbestos Inspection and Sample Collection Protocols

Entek included specific exterior areas of the building included in this report, and did not use any 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.

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.

Approxim

laboratory testing.

The samples of materials suspected of containing asbestos were submitted to Asbestech, a laboratory located in Rancho Cordova, C



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

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 roofing materials found on the administration building. 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

Appendices

- A. Asbestos Related Documents
- B. Backup Documentation

APPENDIX A

ASBESTOS RELATED DOCUMENTS

- Ž Bulk Asbestos Analysis Report From Asbestech
- Ž Bulk Asbestos Material Analysis Request Form for Entek
- Ž Asbestos Bulk Sample Location Drawing
- Ž SMAQMD Asbestos Survey Form
- Ž SMAQMD Renovation/Demolition & Survey Notification Form

ASBESTECH
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Ertel Consulting Group Inc.
4200 Rocklin Rd, Suite 7
Rocklin, CA 95677

23654 Sacramento City USD
James Marshall Elementary, 9525 Goethe Rd
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70219 1
Date/Time Collected 2/15/23
Date Received 2/16/23

NV LAPI Lab Code 104420
CDPH# 1153
Date Analyzed 2/17/23

ECG 236540

OIA	Black composition asphalt rolled roofing administration bldg north roof area	NONE DETECTED	Tar Binder Fibrous Glass
	White roofing	NONE DETECTED	Gypsum Fibrous Glass
OIB	Black composition asphalt rolled roofing administration bldg central roof area at HVAC pit	NONE DETECTED	Tar Binder Fibrous Glass
	White roofing	NONE DETECTED	Gypsum

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING EPA METHOD 600/9-9116. NON-FIBRILE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1% WITH THE PROVISION THAT IT 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 68091.2(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 NV LAPI OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

LAB CODE 104420

LAB DIRECTOR TOM CONLON

ANALYST: JIM LUNGLES



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Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 702192
Date/Time Collected 2/15/23
Date Received 2/16/23

NV LAP Lab Code 104420
CDPH# 1153
Date Analyzed 2/17/23

ECG 23650

08A	Gray HVAC duct nastic, administration bldg central roof area at HVAC ducts	NONE DETECTED	Calcite
	White nastic	NONE DETECTED	Calcite
08B	Black HVAC duct nastic, administration bldg central roof area at HVAC ducts	NONE DETECTED	Calcite
	Gray nastic	NONE DETECTED	Sy

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING EPA METHOD 600/9-8116. NON-FIBRILE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1% WITH THE PROVISION THAT IT 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 68091.2(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 NV 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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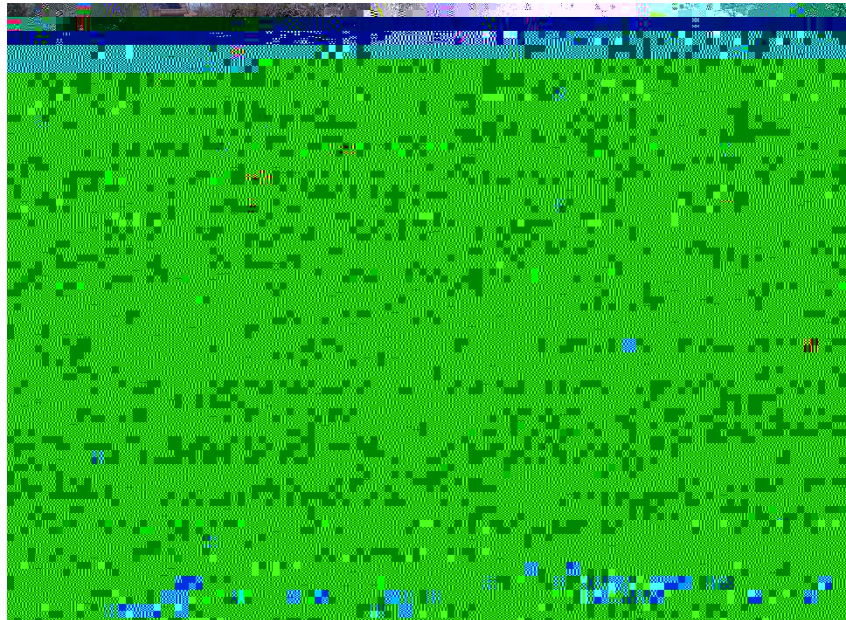
APPENDIX B

BACK UP DOCUMENTATION

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

Photo Log

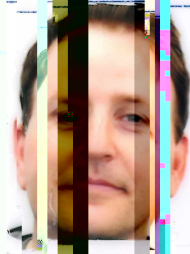
Job Number:	23-6540	Date:	February 15, 2023
Client:	Sacramento City Unified School District		
Site Address:	James Marshall Elementary - 9525 Goethe Rd, Sacramento, CA 95827		



Administration Building Roof



Administration Building Roof



Information
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11
13

17

17.
Quality



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101440-0