San Pasqual Valley Unified School District

Item #1	Section 07550 Modified Bituminous Membrane Roofing, Section 1.1, B., ADD:
	1. Contractor is responsible for cost and coordination of ACM removal per the attached test results.
Item #2	Section 07 32 20 Roofing Tile, Section 1.1, B., ADD:
	1. Contractor is responsible for cost and coordination of ACM removal per the attached test results.



ASBESTOS INSPECTION REPORT – ROOF SURVEY

For The

SAN PASQUAL VALLEY HIGH SCHOOL BUILDING 301 ROOF

676 Baseline Rd Winterhaven, California 92283

Prepared For

SAN PASQUAL VALLEY UNIFIED SCHOOL DISTRICT

676 Baseline Rd Winterhaven, California 92283

Prepared By



16700 Valley View Avenue, Suite 100, La Mirada, California 90638 (714) 523- 9811 • Fax (714) 523-9810

January 24, 2024 ENCORP PROJECT NUMBER P24029.RES



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I. ASBESTOS INSPECTION REPORT

ASBESTOS ROOF INSPECTION REPORT

FACILITY: SAN PASQUAL VALLEY HIGH SCHOOL Building 301 Roof 676 Baseline Rd Winterhaven, California 92283

INSPECTION DATE: January 24, 2024

INTRODUCTION

The **SAN PASQUAL VALLEY HIGH SCHOOL** retained **ENCORP** to conduct an asbestos roof inspection of the roofs impacted in upcoming replacement projects at the **Building 301 Roof**, of the **SAN PASQUAL VALLEY HIGH SCHOOL DISTRICT** campus located at 676 Baseline Rd, Winterhaven, California 92283. The inspection results that follow summarize the components tested and the results. This report does not constitute a full comprehensive inspection and is limited to roofing materials of Building 301 Roof.

Asbestos is a general term applied to a group of naturally occurring minerals which separate into fibers. This fibrous material (e.g., Amosite, Chrysotile, Crocidolite, Tremolite, Anthophyllite, and Actinolite) are composed of silicates of aluminum, magnesium and other metals which are incombustible and very difficult to destroy or degrade. Asbestos has a tendency to break into a dust of tiny fibers which can float in the air and be inhaled or swallowed. Asbestos inhalation exposure has been shown to increase the risk of developing lung cancer, mesothelioma (cancer of the lining of the lung and/or abdomen.) and asbestosis (chronic lung disease), as well as other damage to the lungs. Exposure occurs by breathing asbestos fibers produced as a fine dust when asbestos is handled during fabrication, installation or removal. By definition Asbestos. CAL/OSHA further regulates the content of asbestos in materials or products that contain 1 tenth of a percent (0.1%) or more asbestos for the purpose of worker and occupant protection.

ENCORP's California Certified Asbestos Site Surveillance technician Mr. Angel Jimenez (CSST No. 15-5431) completed the site inspections at the direction of Certified Asbestos Consultant Mr. Alexander Blankevoort (CAC No. 04-3555). Prior to sample collection, **ENCORP's** representatives conducted a visual investigation of the property to identify and quantify all suspect asbestos containing, building materials. Upon completion of the visual investigation, building materials were grouped into homogeneous categories and samples were collected from the suspect ACM's previously identified.

SAMPLING METHODOLOGY – ASBESTOS

ENCORP used a modified random sampling protocol to collect the samples of the suspect ACM's. Each of the suspect samples collected for this report were given a unique sample identification number and sealed inside leak proof containers for shipment to the laboratory for analysis.

All of the asbestos bulk samples collected during this inspection were analyzed by **ENCORP**. **ENCORP** is accredited by NIST/NVLAP for analysis of asbestos fibers in bulk. These samples were analyzed by Polarized Light Microscopy/Dispersion Staining (EPA/600/R-93/116). This method is designed as an inexpensive screening method to examine bulk samples; it is not an absolute method. Any visible light method (including PLM) is limited by the resolution possible with visible light.

INSPECTION RESULTS – ASBESTOS

The following contains the summary of the suspect asbestos containing materials sampled during this inspection, including the location and laboratory analysis. Positive ACM's are distinguished in "**bold**". Samples collected and found not to contain asbestos are classified as being None Detected "ND". The complete sampling results can be found in the attachment section of this report.

		SUMMARY OF SUS B	SPECT MAT	ERIALS TE	STED	
Sample No.	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
1 2 3	Rock roof Core	Main Roof	G	NF	7700 sq. ft.	Roof Core = ND Mastic = ND
4 5 6	Gray/ Black Mastic	Main Roof	G	NF	40 sq. ft.	5% Chrysotile
7 8 9	Roof Edge Mastic	Main Roof	G	NF	20 sq. ft.	4% Chrysotile
10 11 12	Black Mastic	Main Roof	G	NF	10 sq. ft.	4% Chrysotile
13 14 15	Vapor Barrier/ Mastic	Clay tile Roof	G	FR	1200 sq. ft.	Vapor Barrier = ND Mastic = 4% Chrysotile

Note: Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

DISCUSSIONS AND RECOMMENDATIONS (ASBESTOS)

Asbestos was identified in the roofing penetration mastic within this scope of work.

Asbestos containing material should be removed by a licensed abatement contractor in accordance to Federal, State and local regulations. ENCORP also recommends that a California Certified Asbestos Consultant/Site Surveillance Technician oversee the project to ensure that proper methods are being utilized.

Additional asbestos-containing materials may be present at this site. Care should be taken when demolishing materials that will open wall cavities or sealed ceiling areas. If any additional known, assumed, or suspected asbestos-containing materials or lead-based painted components are discovered during renovation, remodeling, or demolition activities, contact an environmental consultant to determine the proper course of action.

Should you have any questions concerning this report, please contact me at (714) 523-9811. Thank you.

Respectfully submitted,

Alexander E. Blankevoort Certified Asbestos Consultant # 04-3555 California DHS Inspector/Assessor #11092

II. SAMPLE ANALYSIS

16700 VALLEY VIEW AVE. STE. 100 LA MIRADA, CALIFORNIA 90638 ENCORP ENVIRONMENTAL MANAGEMENT AND SERVICES 714) 523-9811 · FAX (714) 523-9810 · MAIN@ENCORP.NET · WWW.ENCORP.NET

Client Name:

Client Address:

Reference Batch Number: <u>063382</u> Sampled Date: <u>1/24/2024</u> Sampled By: <u>ANGEL JIMENEZ</u> Analyzed By: <u>KRISTINA MARTINEZ</u>

Project Number:	<u>P24029</u>	<u>RES</u>
Date Received:	1/29/2024	
Date Analyzed:	1/30/2024	

Facility Name: <u>San Pasqual Valley HS - Roof</u> Facility Address: <u>676 Baseline Rd</u> Winterhaven, CA 92283

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Camale		SAMPLE DESCRIPTI	ON			CVE	
Sample Number	Field/ Client Number	Sample Location/Activity	Color	Material	Friable or Non-	Asbestos	Non Asbestos (%
809780A	001A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809780B	001B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809781A	002A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809781B	002B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809782A	003A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809782B	003B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809783	004	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	NF	5% CHRYSOTILE	95% MATRIX
809784	005	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	.NF	POSITIVE STOP	

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the elient to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited. In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quantified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method 0F the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples. Page 1 of 3

Client Name: Client Address:	Name: dress:		Reference Batch Number: Sampled Date:			Project Number: Date Received:	:: <u>P24029</u> . <u>RES</u> I: <u>1/29/2024</u>
Facility I acility Adu	Facility Name: <u>San Pasqual Val</u> Facility Address: <u>676 Baseline Rd</u> <u>Winterhaven, CA</u>	Facility Name: <u>San Pasqual Valley HS - Roof</u> cility Address: <u>676 Baseline Rd</u> <u>Winterhaven, CA 92283</u>	Sam Anal	Sampled By: <u>ANGEL JIMENEZ</u> Analyzed By: <u>KRISTINA MARTINEZ</u>	<u>TINEZ</u>	Date Analyzed:	: <u>1/30/2024</u>
		LABORATORY TEST F	REPORT FOR BULK AS	REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)	S (PLM)		
Comple		SAMPLE DESCRIPT	NOIL			EV.	
Sample	Field/ Client Number	Sample Location/Activity	Color	Material	Friable or Non-	Asbestos	Non Asbestos (%)
809785	900	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	NF	POSITIVE STOP	
809786	007	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	Ц	4% CHRYSOTILE	96% MATRIX
809787	008	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	L.N.	POSITIVE STOP	
809788	600	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	NF	POSITIVE STOP	
809789	010	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	٩	4% CHRYSOTILE	96% MATRIX
809790	011	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	Ψ	POSITIVE STOP	
809791	012	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	ШN	POSITIVE STOP	
809792A	013A	BUILDING 301 - CLAY TILE ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED) 75% CELLULOSE 25% MATRIX
)TES: ND=/ ndition of san specific scop	to the second se	-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the samples for a period of the samples for the samples for a period of the samples for a period of the samples for the samples for a period of the samples for a period of the period of the period of the samples for a period of the	e (1) percent. Amphibole asbesto iod of thirty days. Accredited by the items as received. Results a	ss includes amosite, crocidolite, anthop t the National Voluntary Laboratory A te representative of the samples ubmi-	shyllite, tremolit vecreditation Pri itted and may n	e and actinolite. (FR) = Fria ogram and Environmental I otrepresent the entire mate.	the, (NF) = Non-Friable. (aboratory Certification for rials from which the samples

ENC	ORP	ENCORP ENVIRONMENTAL MANAGEMENT	T AND SERVICES	16700 VALLEY VIEW AVE. STE. 100 LA MIRADA, CALIFORNIA 90638 714) 523-9811 · FAX (714) 523-9810 · MAIN@ENCORP.NET · WWW.ENCORP.NET	.EY VIEW AVE 4) 523-9810 ·	E STE. 100 LA MIRAD MAIN@ENCORP.NET	A, CALIFORNIA 90638 • WWW.ENCORP.NET
Client Name: Client Address:	Name: dress:		Reference Batch Number: Sampled Date:	umber: <u>063382</u> i Date: <u>1/24/2024</u>		Project Number: <u>P24029</u> Date Received: <u>1/29/20</u>	<u>P24029</u> . <u>RES</u> 1/29/2024
Facility I Facility Ad	Facility Name: <u>San Pasqual Val</u> Facility Address: <u>676 Baseline Rd</u> <u>Winterhaven, CA</u>	Facility Name: <u>San Pasqual Valley HS - Roof</u> cility Address: <u>676 Baseline Rd</u> <u>Winterhaven, CA 92283</u>	Sampi Analyz	Sampled By: <u>ANGEL JIMENEZ</u> Analyzed By: <u>KRISTINA MARTINEZ</u>	<u>EZ</u> RTINEZ	Date Analyzed:	1/30/2024
		LABORATORY TEST F	REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)	ESTOS FIBER ANALYS	IS (PLM)		
Comple		SAMPLE DESCRIPTION	NOL			GVF	
Number	Field/ Client Number	Sample Location/Activity	Color	Material	Friable or Non-	Asbestos	Non Asbestos (%)
809792B	013B	BUILDING 301 - CLAY TILE ROOF	GRAY/BLACK	(FIBROUS) MASTIC	NF	4% CHRYSOTILE	96% MATRIX
809793A	014A	BUILDING 301 - CLAY TILE ROOF	BLACK	(FIBROUS) VAPOR BARRIER	ĘĘ	NONE DETECTED	75% CELLULOSE 25% MATRIX
809793B	014B	BUILDING 301 - CLAY TILE ROOF	GRAY/BLACK	(FIBROUS) MASTIC	Å	POSITIVE STOP	
809794A	015A	BUILDING 301 - CLAY TILE ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
809794B	015B	BUILDING 301 - CLAY TILE ROOF	GRAY/BLACK	(FIBROUS) MASTIC	ЧN	POSITIVE STOP	
Notes:			Υ	APPROVED SIGNATURE	, X	, Lab Manager	lager
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CLIENT: D	265			DATE: 1/24/24	PAGE: (0F 2
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LOCATION:	San Pas	asqual valley	天			
SAMPLE NO.	LAB ID #	SAMPLE	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION QUANTITY	% ASBESTOS
- -	809780	Building 30,	Main 10	fock Reef Cone		
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00 Valley View Avenue, Suite 100 - La Mirada - California 90638	S = Surface Material S1 = Thermal Systems Insulation M = Miscellaneous Material	55		Barrie Contra	Seller Seller	1/26/24 2700 Date/Timp of of	S
	Comments/special Instructions:						
	ENCORP Laboratory Services 1	16700 Valley View Avenue, Suite 100 · La	a Mirada - Califonia 90638				Office (714) 523-9811 · Fax (714) 523-9810

III. CERTIFICATIONS









16700 Valley View Avenue Suite 100 La Mirada, California 90638 p: 714.523.9811 f: 714.523.9810





www.encorp.net

IV. FIELD INSPECTION DATA

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 1/24/24	Project Name:	-		Project	# PZ4	029.RE
Project Address:	San Pasqual Vall	ey HS				
Inspector(s):	Angel Stener			Page:	1 0	of /
Building:				ding Code:		
Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Rock Roof Core	Building 30/ Main Roof		7700p	6	3	1-3
Grey/Black Mastic			40ø			4-6
Roof Edge Mastric			204			7-9
Black Mastic			10p			10-12
Vapor Barrier/ Mostic	- Clay Tile Roof		1200%			13-15

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DESCRIPTION: San Posqual Valley High School-BLDG 301 JOB NAME: Acm Roof	EENCORP
JOB NUMBER: P24029. RES	Engineering our Environment 16700 Valley View Ave., Suite 100
DRAWN BY: Angel Jimener DATE: 1/24/24	La Mirada, CA 90638 (714) 523-9811 FAX(714) 523-9810

V. LIMITATIONS

LIMITATIONS

Conditions described in this report are as found at the time of investigation, unless otherwise stated.

ENCORP analyzed only the substances, conditions, and locations described in this report at the time indicated. No inferences regarding other substances, conditions, location or time can be made unless specifically stated in this report. **ENCORP's** inspection was limited to accessible materials identified by the client that may be impacted in upcoming renovation activities only for the purpose of this survey.

This report is intended for the use listed in the section of this report titled "INTRODUCTION". The use of this report in any manner other than that listed in the Introduction requires the written consent of **ENCORP**. This report must be presented in its entirety.

The conclusions and recommendations presented are based on the agreed upon scope of work outlined in this report. **ENCORP** makes no warranties or guarantees as to the accuracy or completeness of information obtained from information provided or compiled by others. Note that information exists beyond the scope of this investigation. Additional information, which was outside this scope of work, not found, or available to **ENCORP** at the time of writing this report, may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by **ENCORP** have been conducted in a manner consistent with a level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.