

May 19, 2022

Contra Costa Community College District 500 Court Street Martinez, California 94553

- Attn: Mr. Stefan Johnson Critical Solutions
- RE: Limited Pre-Renovation Asbestos and Lead Survey Report Los Medanos College – Votech Roof 2700 East Leland Road, Pittsburg, CA Terracon Project #: R1227233

Dear Mr. Johnson:

Terracon Consultants, Inc. (Terracon) conducted a limited pre-renovation asbestos and lead survey of the Votech Building roof on the Los Medanos College (LMC) campus located at 2700 East Leland Road, Pittsburg, California, on May 3, 2022.

The survey was performed in the roof area of the building depicted on the attached sample location diagram. Michael Reed, Certified Site Surveillance Technician (CSST) and California Department of Public Health (CDPH) certified Lead Sampling Technician, performed the survey. Steffen Steiner, Certified Asbestos Consultant (CAC) and CDPH Lead Inspector/Assessor with Terracon, provided project management.

During the referenced survey event, six (6) of the eight (8) suspect asbestos-containing materials (ACMs) sampled were found to contain asbestos upon analysis by polarized light microscopy (PLM). Table I below provides a summary of the asbestos sample results.

TABLE I – ASBESTOS SAMPLE RESULTS			
HM # / Material Description	Sample Locations	NESHAP Category	Results
01 / Grey sealant on sheet metal coping	Roof – south, southeast and west	N/A	ND
02 / Black roofing patch	Roof – main field northwest, main field at mechanical barrier, HVAC curb	Cat. I	2% CH

Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608 P [510] 547-7771 terracon.com



TABLE I – ASBESTOS SAMPLE RESULTS			
HM # / Material Description	Sample Locations	NESHAP Category	Results
03 / Gray/Black roof pitch pan mastic	Roof – HVAC barrier	N/A	ND
04 / Roof – Coping (white) cap	Roof – southwest, northwest and east	Cat. I	4% CH
05 / Roof parapet wall	Roof – southeast corner, northwest and east	Cat. I	Roofing Felt: 5% CH Roofing Mastic: 5% CH
06 / Roof – mechanical curbs	Roof – southwest corner, center and northeast corner	Cat. I	Roofing Material: 5% CH Roofing Mastic: 5% CH
07 / Roofing debris mixed with aggregate	Roof – east, southwest and northeast	Cat. I	30% CH
08 / Roof – main field, tar & gravel	Roof – south, center and east	Cat. I	5% CH

CH – Chrysotile, ND – None Detected, N/A – Not Applicable, Cat. I – Category I Non-Friable ACM

It should be noted that Terracon could not access a portion of the roof area at the southeast corner as depicted on the sample location diagram. The materials identified as asbestos-containing in the table above should be assumed present at this portion of the building. Additionally, there is asbestos-containing roofing debris mixed with the aggregate (HM #07). Therefore, the aggregate/gravel should be properly abated and disposed of as asbestos-containing material.

The asbestos samples were transported under chain of custody procedures to Eurofins EMLab P&K (EMLab) in Tustin, California. The asbestos samples were analyzed by PLM techniques in accordance with methodology approved by the U.S. Environmental Protection Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. EMLab's analytical reports are provided as attachments to this letter report, along with the chain-of-custody forms.

It should be noted that only the materials specifically mentioned within this report have been surveyed by Terracon. Any additional suspect materials identified during the course of construction related activities should be assumed to be asbestos-containing until sampling is conducted to determine asbestos content.



One (1) sample of paint was collected from roof and analyzed for lead at EMLab in Tustin, California by Flamed Atomic Absorption Spectrometry (EPA 7000B). Table II below provides a summary of the lead sample result.

TABLE II – LEAD SAMPLE RESULTS			
Sample # / Sample Description	Sample Component / Substrate	Condition	Result (ppm)
Pb1 / White paint on coping	Roof coping - west / concrete	Intact	<40

ppm – parts per million

The laboratory report and chain of custody documentation are provided as attachments to this letter report.

This report has been prepared on behalf of and exclusively for use by Contra Costa Community College District for specific application to their project as discussed herein. The analysis and conclusions in this report are based upon data obtained during the hazardous materials sampling activities. The professional services provided and judgments rendered on this project are consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information that may have been used in the preparation of this report. No warranty, express or implied, is made.

Terracon appreciates this opportunity to provide our environmental consulting services to Contra Costa Community College District. If you have any questions or need additional information, please feel free to call me at 510-899-7005.

Respectfully,

Terracon

Steffen Steiner CAC, CDPH Lead I/A Office Manager

Attachments Laboratory Reports Chain-of-Custody Forms Sample Location Diagram Inspector Certifications David Block, PhD CAC, CDPH Lead I/A Project Manager





Report for:

Ms. Karin Schroeter Terracon Consultants, Inc. - Emeryville 1466 66th Street Emeryville, CA 94608

Regarding: Project: R1227233; Los Medanos College EML ID: 2919276

Approved by:

Approved Signatory Danny Li

Dates of Analysis: Asbestos PLM: 05-11-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267) NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-03-2022 Date of Receipt: 05-06-2022 Date of Report: 05-11-2022

	Total Samples Submitted:	24
	Total Samples Analyzed:	24
Total Sa	mples with Layer Asbestos Content > 1%:	10
Location: 1A, Gray Sealant on Sheet Metal Coping; Roof-	South Lab ID-Version‡	: 14013805-1
Sample Layers	Asbestos Content	
Silver Sealant	ND	
Sample Composite Homogeneity: G	bod	
Location: 1B, Gray Sealant on Sheet Metal Coping; Roof- Sample Layers	South East Lab ID-Version‡: Asbestos Content	: 14013806-1
Silver Sealant	ND	
Sample Composite Homogeneity: G	bod	
Location: 1C, Gray Sealant on Sheet Metal Coping; Roof-	West Lab ID-Version‡	: 14013807-1
Sample Layers	Asbestos Content	
Gray Sealant	ND	
Sample Composite Homogeneity: G	ood	
Location: 2A, Black Roofing Patch; Roof-Main Field-NW	Lab ID-Version‡:	: 14013808-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College Date of Sampling: 05-03-2022 Date of Receipt: 05-06-2022 Date of Report: 05-11-2022

ASBESTOS PLM REPORT

·····) ··· · · · · · · · · · · · · · ·	Mechanical Darrier	Lab ID-Version [‡] : 14013809-1
Sample Layers	Asbesto	s Content
Black Mastic	2% Ch	rysotile
Sample Composite Homogeneity:	Good	
Location: 2C, Black Roofing Patch; Roof-HVAC Curb		Lab ID-Version‡: 14013810-1
Sample Layers	Asbesto	s Content
Black Mastic	Ν	1D
Sample Composite Homogeneity:	Good	
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof-	HVAC Barrier	Lab ID-Version‡: 14013811-1
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers	HVAC Barrier Asbestos	Lab ID-Version‡: 14013811-1 s Content
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic	HVAC Barrier Asbeston	Lab ID-Version‡: 14013811-1 s Content ND
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic Sample Composite Homogeneity:	HVAC Barrier Asbeston Good	Lab ID-Version‡: 14013811-1 s Content ID
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic Sample Composite Homogeneity: Location: 3B, Gray/Black Roof Pitch Pan Mastic; Roof-	HVAC Barrier Asbestos Good HVAC Barrier	Lab ID-Version‡: 14013811-1 s Content ND Lab ID-Version‡: 14013812-1
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic Sample Composite Homogeneity: Location: 3B, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers	HVAC Barrier Asbeston Good HVAC Barrier Asbeston	Lab ID-Version‡: 14013811-1 s Content ID Lab ID-Version‡: 14013812-1 s Content
Location: 3A, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic Sample Composite Homogeneity: Location: 3B, Gray/Black Roof Pitch Pan Mastic; Roof- Sample Layers Black Mastic	HVAC Barrier Asbeston Good HVAC Barrier Asbeston N	Lab ID-Version‡: 14013811-1 s Content ID Lab ID-Version‡: 14013812-1 s Content ID

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 \ddagger A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-03-2022

Date of Receipt: 05-06-2022

Date of Report: 05-11-2022

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

Location: 3C, Gray/Black Roof Pitch Pan Mastic; Roof-I	HVAC Barrier Lab ID-Version [‡] : 14013813-1
Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good
Location: 4A, Roof-Coping (White) Cap; Roof-SW	Lab ID-Version‡: 14013814-1

]	Location:	4A, Ro	of-Coping	(White)	Cap; Roof-SW	

Sample Layers	Asbestos Content	
White Roofing Material	ND	
Black Roofing Mastic	ND	
Composite Non-Asbestos Content: 15% Cellulose		
Sample Composite Homogeneity:	Moderate	

Location: 4B. Roof-Coping (White) Cap: Roof-NW

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Mastic	4% Chrysotile
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4C, Roof-Coping (White) Cap; Roof-E

Lab ID-Version 14013816-1

Lab ID-Version 14013815-1

Asbestos Content
ND
ND
15% Cellulose
Moderate

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Eurofins EPK Built Environment Testing, LLC

EMLab ID: 2919276, Page 4 of 8

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-03-2022

Date of Receipt: 05-06-2022

Date of Report: 05-11-2022

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

Location: 5A, Roof Parapet Wall; Roof-SE Corner

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Black Roofing Material	ND
Black Roofing Felt	ND
Black Roofing Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose
	15% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 5B, Roof Parapet Wall; Roof-NW

Sample Layers	Asbestos Content				
Black Roofing Material	ND				
Black Roofing Felt	4% Chrysotile				
Black Roofing Mastic	3% Chrysotile				
Composite Non-Asbestos Content:	15% Cellulose				
	15% Glass Fibers				
Sample Composite Homogeneity:	Poor				

Location: 5C, Roof Parapet Wall; Roof-East

Lab ID-Version 14013819-1

Lab ID-Version #: 14013818-1

Sample Layers	Asbestos Content				
Black Roofing Shingle	ND				
Black Roofing Material	ND				
Black Roofing Felt	5% Chrysotile				
Black Roofing Mastic	5% Chrysotile				
Composite Non-Asbestos Content:	15% Cellulose 15% Glass Fibers				
Sample Composite Homogeneity:	Poor				

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Lab ID-Version‡: 14013817-1

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Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

Location: 6A, Roof-Mechanical Curbs; SW Corner

Sample Layers	Asbestos Content				
Black Roofing Shingle	ND				
Black Roofing Material	ND				
Black Roofing Mastic	ND				
Gray Roofing Material	ND				
Composite Non-Asbestos Content: 20% Cellulose					
Sample Composite Homogeneity: Poor					

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Eurofins EPK Built Environment Testing, LLC

Lab ID-Version #: 14013820-1

Date of Sampling: 05-03-2022

Date of Receipt: 05-06-2022 Date of Report: 05-11-2022

Lab ID-Version #: 14013821-1

Lab ID-Version 14013822-1

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-03-2022

Date of Receipt: 05-06-2022

Date of Report: 05-11-2022

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

Location: 6B, Roof-Mechanical Curbs; Center

Sample Layers	Asbestos Content				
Black Roofing Shingle	ND				
Black Roofing Material	ND				
Black Roofing Mastic	ND				
Composite Non-Asbestos Content:	20% Cellulose				
Sample Composite Homogeneity:	Poor				

Location: 6C, Roof-Mechanical Curbs; NE Corner

Sample LayersAsbestos ContentBlack Roofing ShingleNDBlack Roofing Material5% ChrysotileBlack Roofing Mastic5% ChrysotileComposite Non-Asbestos Content:20% CelluloseSample Composite Homogeneity:Poor

Location: 7A, Debris Mixed with Roof Aggregate; East

Sample Layers	Asbestos Content			
Black/White Roofing Material	30% Chrysotile			
Sample Composite Homogeneity:	Good			

Location: 7B, Debris Mixed with Roof Aggregate; South West

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Sample Layers	Asbestos Content
Black/White Roofing Material	30% Chrysotile
Sample Composite Homogeneity:	Good

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 \ddagger A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Lab ID-Version‡: 14013823-1

Lab ID-Version 14013824-1

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-03-2022

Date of Receipt: 05-06-2022

Date of Report: 05-11-2022

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College

ASBESTOS PLM REPORT

Location: 7C, Debris Mixed with Roof Aggregate; North	a East Lab ID-Version [‡] : 1401382			
Sample Layers	Asbestos Content			
Black/White Roofing Material	30% Chrysotile			
Sample Composite Homogeneity:	Good			

Location: 8A, Roof-Main Field-Tar & Gravel; South

Sample Layers	Asbestos Content			
Gray Non-Fibrous Material	ND			
White Foam	ND			
Sample Composite Homogeneity: Moderate				

Comments: Tar not detected.

Location: 8B, Roof-Main Field-Tar & Gravel; Center

Sample Layers	Asbestos Content				
Gray Non-Fibrous Material	ND				
Black Tar	5% Chrysotile				
Composite Non-Asbestos Content:	15% Vermiculite				
Sample Composite Homogeneity:	Moderate				

Location: 8C, Roof-Main Field-Tar & Gravel; East

Lab ID-Version‡: 14013828-1

Sample Layers	Asbestos Content				
Gray Non-Fibrous Material	ND				
Black Tar	5% Chrysotile				
Composite Non-Asbestos Content:	15% Vermiculite				
Sample Composite Homogeneity:	Moderate				

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Lab ID-Version \$\\$: 14013826-1

Lab ID-Version 14013827-1



*** <u>E-MAIL I</u> DPM – S. Steine spsteiner@terracon.	<u>ACM</u> BULK SAMPLE DATA SHEET Iner DPM - K. Schroeter DPM - K. Schroeter DPM - K. Pilgrim Maschroeter@terracon.com kmpilgrim@terracon.com						
PM- M. Benefie msbenefield@terraco	Id PM - T. Kattchee PM - W. Frieszell PLM Analysis (Analyze all samples) n.com takattchee@terracon.com wmfrieszell@terracon.com Stop Analysis at First Positive Point Count Analysis (400-point)						
□PM- D. Block David.block@terracor	PM- D. Block denise.wallen@terracon.com heidi.santos@terracon.com David.block@terracon.com Engineering Assistant Admin Assistant						
Project Name/ Add	ress/Building No. Los MEDANOS COLLELAE						
Project# RIZ	27233 Sampled By: M. REED Sampling Date: 5-3-2022						
Sample(s) sent to:	MAL ASB TEM EMLAB Other						
TAT 🗌 Rush	24HRS 48HR 3- days						
HM# @	Material Description GRAY SEALANT ON SHEET METAL COPING						
Sample ID	Sample Location & Material Location Quantity:						
LA	ROOF - SOUTH						
IB	ROOF - SOUTH ELAST						
LC.	ROOF - WEST						
HM# 02	Material Description: BUACK ROOFING PATICH						
Sample ID	Sample Location & Material Location Quantity:						
2A	ROOF - MAIN FIELD - NW						
2B (-11 II- AT MECHANICAL BAPPIER							
20							
-2C	+ - HUNC CURB						
HM# 03 Sample ID	Material Description: GRAY BUACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity:						
HM# 03 Sample ID	Material Description: GRAY BUNCK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity:						
HM# 03 Sample ID 3A 28	Material Description: LARAY BUACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: 2007 - HUAC BARRIER						
HM# 03 Sample ID 3A 3B 3C	Material Description: GRAY BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUAC BARRIER						
2C HM# 03 Sample ID 3A 3B 3C HM# 04	Material Description: GRANGE ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUAC BARRIER Material Description: Roof - CORINIA (WHTTE) CAP						
HM# 03 Sample ID 3A 3B 3C HM# 04 Sample ID	Material Description: Barrie Correct Part Part Martine Sample Location & Material Location Quantity: POOF - HUAC BARRIER Material Description: Rook - Corinity (WHITE) CAP Sample Location & Material Location Quantity:						
HM# 03 Sample ID 3A 3B 3C HM# 04 Sample ID 4A	Material Description: GRAN BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: 2007 - HUAC BARRIER Material Description: Roof - Corinity (WHITE) CAP Sample Location & Material Location Quantity: Roof - SW						
HM# 03 Sample ID 3A 3B 3C HM# 04 Sample ID 4A 4B	Material Description: GRANG BUNCK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUAC BARRIER Material Description: Roof - Corinig (WHTTE) CAP Sample Location & Material Location Quantity: Roof - SW (- NW						
-2C $HM# 03$ $Sample ID$ $3A$ $3B$ $3C$ $HM# 04$ $Sample ID$ $4A$ $4B$ $4C$	Material Description: GRAM (BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUAC BARRIER Material Description: Roof - Corinia (WHME)CAP Sample Location & Material Location Quantity: ROOF - SW - NW E						
$\begin{array}{r} & 2C \\ \hline HM\# & 0.3 \\ \hline Sample ID \\ \hline 3A \\ \hline 3B \\ \hline 3C \\ \hline HM\# & 0.4 \\ \hline Sample ID \\ \hline 4A \\ \hline 4B \\ \hline 4C \\ \hline HM\# & 0.5 \\ \end{array}$	Material Description: LARAY BUACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUMAC BARRIER Material Description: Roof - CORING (WHATE) CAP Sample Location & Material Location Quantity: ROOF - SW - NW E Material Description: ROOF PARAPET WALL						
HM# 03 Sample ID 3A 3B 3C HM# 04 Sample ID 4A 4B 4C HM# 05 Sample ID	Material Description: Lazar Bunck Roof Porton Paro material Sample Location & Material Location Quantity: ROOF - HUNC BARRIER Material Description: Roof - Corinig (WHITE)Cap Sample Location & Material Location Quantity: Roof - SW - NW E Material Description: Roof PARAPET WALL Sample Location & Material Location Quantity:						
HM# 03 Sample ID 3A 3B 3C HM# 04 Sample ID 4A 4B 4C HM# 05 Sample ID 5 A	Material Description: CARAN BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUAC BARRIER Material Description: Roof - Corinig (WHITE)CAP Sample Location & Material Location Quantity: Roof - SW - NW E Material Description: Roof PARAPET WALL Sample Location & Material Location Quantity: Roof SE CORNER						
$\begin{array}{r} & -2c \\ \hline HM\# & 0.3 \\ \hline Sample ID \\ \hline 3A \\ \hline 3B \\ \hline 3C \\ \hline HM\# & 0.4 \\ \hline Sample ID \\ \hline 4A \\ \hline 4B \\ \hline 4C \\ \hline HM\# & 0.5 \\ \hline Sample ID \\ \hline 5A \\ \hline 5B \\ \end{array}$	Material Description: LADAY BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: POOF - HUAC BARRIER Material Description: ROOF - CORING (WHATE) CAP Sample Location & Material Location Quantity: ROOF - SW - NW E Material Description: ROOF PARAPET WALL Sample Location & Material Location Quantity: ROOF SE CORNER - NW						
$\begin{array}{c} & 2C \\ \hline Sample ID \\ \hline 3A \\ \hline 3B \\ \hline 3C \\ \hline 3C \\ \hline 3C \\ \hline 3C \\ \hline 3B \\ \hline 3C \\ \hline 3C \\ \hline 3C \\ \hline 3C \\ \hline 5C \hline 5C$	Material Description: GRANT BLACK ROOF POTCH PAN MARSTIC Sample Location & Material Location Quantity: ROOF - HUNC BARRIER Material Description: ROOF - COPINIG (WHOTE)CAP Sample Location & Material Location Quantity: ROOF - SW - NW E Material Description: ROOF PARAPET WALL Sample Location & Material Location Quantity: ROOF SE CORNER - NW - ENST						

Relinquished By:	M. REED	Signature:	M.	DI		Date/Time:	5-3-2022
Received By:	/ PRIFICI VITANE	Signature:	R	u/	(m	Date/ Time:	5/4/22 10:35
Relinquished By:	PS IN	Signature:)			Date/Time:	
Received By:	5/4/12	Signature:				Date/Time:	S/6/W/1:15a
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***E-MAIL R PM – S. Steiner spsteiner@terracon.c	EPORT TO: SEE BELOW PROJECT MANAGER (PM)** PM – K. Schroeter PM – K. Schroeter PM – K. Schroeter kmschroeter@terracon.com kmpilgrim@terracon.com
PM- M. Benefiel msbenefield@terracon	d DPM – T. Kattchee DPM – W. Frieszell Stop Analysis (Analysis (Analysis)) <u>takattchee@terracon.com</u> wmfrieszell@terracon.com Doint Count Analysis (400-point)
PM- D. Block David.block@terracon.	.com Engineering Assistant Admin Assistant
Project Name/ Addr	ess/Building No. LOS MEDANOS COLLEGE
Project# <u>K122</u> Sample(s) sent to:	$\square MAL \square ASB TEM \square EMLAB \square Other$ Sampling Date: <u>5 - 3 - 20 CC</u>
TAT 🗌 Rush	24HRS 48HR 3-days
HM# 06	Material Description ROOF - MECHANICAL CURBS
Sample ID	Sample Location & Material Location Quantity:
<u>GA</u>	SU CORNER
66	NE CENTEL
QC	NE COKVER
HM# 07	Material Description: DEBRIS MIVED WITH ROOF AGGRIGATE
Sample ID	
74	CAST SOLUTION
10	JUIL WEST
10	NORICE REFOR
Sample ID	Material Description: 200F MAIN MELD MALS MALS MALS Sample Location & Material Location Quantity:
BA-	Sauth
SB	CENTER
BC	EAST
HM#	Material Description:
Sample ID	Sample Location & Material Location Quantity:
HM#	Material Description:
Sample ID	Sample Location & Material Location Quantity:
Relinquished By: Received By:	$\frac{m \cdot 2220}{\text{Lsis Racle}}$ Signature: $\frac{M - D}{D}$ Date/Time: $\frac{5 - 3 - 2022}{\sqrt{4h}}$
Relinquished By:	Signature: Date/Time:
Received By:	Signature: Date/Time:
	22-0/23
	1466 66 th Street Emeryville CA 94608 Tel: (510) 547-7771 Fax: (510) 547-1983





Report for:

Ms. Karin Schroeter Terracon Consultants, Inc. - Emeryville 1466 66th Street Emeryville, CA 94608

Regarding: Project: R1227233; Los Medanos College EML ID: 2919276

Approved by:

Laboratory Manager Danny Li

Dates of Analysis: Lead - Flame AA: 05-11-2022

Service SOPs: Lead - Flame AA (EM-BC-S-8443) AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

2841 Dow Avenue, Suite 300, Tustin, CA 92780 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Terracon Consultants, Inc. - Emeryville C/O: Ms. Karin Schroeter Re: R1227233; Los Medanos College Date of Sampling: 05-03-2022 Date of Receipt: 05-06-2022 Date of Report: 05-11-2022

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	Pb1:
	White Concrete Coping; Roof Coping (W)
Comments (see below)	None
Lab ID-Version [‡] :	14013829-1
Analysis Date:	05/11/2022
Sample type	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm
Sample size	0.2513 grams
§Total Lead Result	< 40 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

[†] The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC



					002919	276	Terracon
*** <u>E-MAIL REPORT TO</u> : PROJECT MANAGER (PM)*** denise.wallen@terracon.com Engineering Assistant Engineering Assistant				m L	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis		
PM – S. Steiner E spsicheritäterracon.com kms		L F kmschr	PM – K. Schroeter schroeter@terracon.com		$\frac{1}{PAGE} \frac{PIAME AA (EPA /420)}{PAGE} \frac{PILC}{OF}$		PAGEOF
PM – K. Pilgrim PM- M. Benefield PM – W. Friesz kmpilgrim@terracon.com msbenefield@terracon.com wmfrieszell@terracon			eszell con.com	PM – T. Kattchee PM – D. Block takattchee@terracon.com david.block@terracon.com			
Project Name/ Address/ Building No. LOS MEDANOS COLLELE Project# [2227233] Sampled By: M. DEED Sampling Date: 5-3-2022 Sample(s) sent to: Imal Imal EMSL Aerobiology Quantem Other TAT Image: Rush 24HRS 48HRS M3-Day							
Sample ID		Paint	Description ar	nd Sample	Location		Condition (I/F/P)
PDI	Paint Color: <u>Jel</u> Sample Location Decet	HTE 1: Bldg # COPINI	Substrate: (Unit #	Component:	COPING Nom	
	Paint Color: Sample Location	n: Bldg #	Substrate:	Unit #	Component:	юm	
	Paint Color: Sample Location	n: Bldg #	Substrate:	Unit #	Component: Ro	xom	
	Paint Color: Sample Location	n: Bldg #	Substrate:	Unit #	Component: 	00m	
	Paint Color: Sample Location	n: Bldg #	Substrate:	Unit #	Component: Ro		
Relinquished By Received By: Received By:	m.25	EA) ITENTE	Signature: Signature: Signature:	m	. n n n	Date/Time: Date/ Time: Date/Time:	5-3-2022 4/5/22 10:35 0/6/22 10:180
	1466 661	Street Emery	ville CA 94608	Tel: (510) 5	47-7771 Fax: (51	- 0) 547-1983	22.0/23.7

Updated 02.23.2018



State of California Division of Occupational Safety and Health Certified Site Surveillance Technician

Michael H Reed



Certification No. <u>08-4464</u> Expires on <u>12/18/22</u>

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Sampling Technician	LRC-00000224	5/21/2023

Micheal Reed

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

STATE OF CALIFORNIA

DEPARTMENT OF INDUSTRIAL RELATIONS Division of Occupational Safety and Health Asbestos Certification & Training Unit 1750 Howe Avenue, Suite 460 Sacramento, CA 95825 (916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html acru@dir.ca.gov





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November 02, 2021

Steffen Paul Steiner

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. To maintain your certification, you must abide by the rules printed on the back of the certification card.

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days <u>before</u> the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal - Card Attached (Revised 06/2020)

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

Steffen Paul Steiner



Expires on ____01/08/23

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:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00005586	5/15/2023

Steffen Steiner

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