

August 4, 2025

TO Carey Upton
Santa Monica-Malibu School District
1717 4th St
Santa Monica, CA 90401

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Phone: 310-450-8338 ext 79383

FROM Stephen Long
Forensic Analytical Consulting Services, Inc.
4900 Airport Plaza Dr., Ste 115
Long Beach, CA 90815

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Phone: 310-668-5619

RE **Wildfire-Related Limited Lead Dust Testing – Webster Elementary School
(FACS Proj. No. PJ88022)**

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Santa Monica-Malibu Unified School District (SMMUSD) to provide a Limited Lead Dust Testing at Webster Elementary School, located at 3602 Winter Canyon Road in Malibu, California, following the Palisades and Eaton fires.

In July 2025, SMMUSD requested that FACS perform lead dust testing in response to qualitative testing by a parent of a Webster ES student, following the Palisades and Eaton fires, which had indicated the presence of lead on an exterior railing near the school office. The purpose of FACS' was to perform limited screening for the presence of lead in dust on various horizontal surfaces, both interior and exterior, including the previously mentioned exterior railing, using sensitive quantitative methods, for comparison against regulatory limits for lead in dust.

Assessment Findings

During the testing, FACS performed collected surface wipe samples for dust, which were subsequently analyzed for lead by Atomic Absorption Spectrometry at the laboratory. Robert McWhorter (Certified Lead Sampling Technician No. LRC-00004336) of FACS conducted the sampling on July 21, 2025, under the supervision of Stephen Long (Certified Lead Inspector/Risk Assessor No. LRC-00001868). Samples were analyzed at the SGS Laboratory in Carson, California (NLLAP Accreditation No. LAP-101629). We understand that surfaces at the school had been previously cleaned subsequent to the Palisades and Eaton fires.

Laboratory results showed that all samples were below the limits established by the California Department of Public Health (CDPH) for lead dust on surfaces. In fact, lead was not detected in the samples, except for a low concentration detected in the sample collected on the exterior railing outside the school office.

The detailed data collected in the course of the investigation is presented as follows:

- Attachment A: Lead Dust Testing Results Summary Table
- Attachment B: Campus map, showing sample locations
- Attachment C: Laboratory report and chain of custody forms
- Attachment D: 8552 form (required by CDPH)

Conclusions and Recommendations

The following are the CDPH Lead-Contaminated Dust limits:

- Ten micrograms per square foot ($10 \mu\text{g}/\text{ft}^2$) for interior floor surfaces
- One hundred micrograms per square foot ($100 \mu\text{g}/\text{ft}^2$) for other interior horizontal surfaces (such as counter tops, tables, desks, etc.)
- Four hundred micrograms per square foot ($400 \mu\text{g}/\text{ft}^2$) for exterior floor and exterior horizontal surfaces

All interior samples had no lead detected, with an analytical sensitivity of $8 \mu\text{g}/\text{ft}^2$, which is well below the regulatory limit of $100 \mu\text{g}/\text{ft}^2$. The highest exterior sample result was $30 \mu\text{g}/\text{ft}^2$, which is well below the regulatory limit of $400 \mu\text{g}/\text{ft}^2$.

Since the one sample with lead detected was taken on an unpainted exterior railing that appeared to be made of galvanized steel, the low concentration of lead detected is likely to have resulted from lead used in the galvanizing process.

Based on the testing results, no action is required related to lead dust.

Limitations

This investigation is limited to the conditions and practices observed and information made available to FACS. The methods, conclusions and recommendations provided are based on FACS' judgment, expertise, and the standard of practice for professional service. They are subject to the limitations and variability inherent in the methodology employed. As with all environmental investigations, this investigation is limited to the defined scope and does not purport to set forth all hazards, nor indicate that other hazards do not exist.

Please do not hesitate to contact our offices at 310-668-5600 with any questions or concerns. Thank you for the opportunity to assist SMMUSD in promoting a more healthful environment.

Respectfully,

FORENSIC ANALYTICAL



Robert McWhorter
Certified Lead Sampling Technician No.
LRC-00004336

Reviewed by:

FORENSIC ANALYTICAL



Stephen B. Long
Certified Lead Inspector/Risk Assessor No.
LRC-00001868

Attachments

ATTACHMENT A

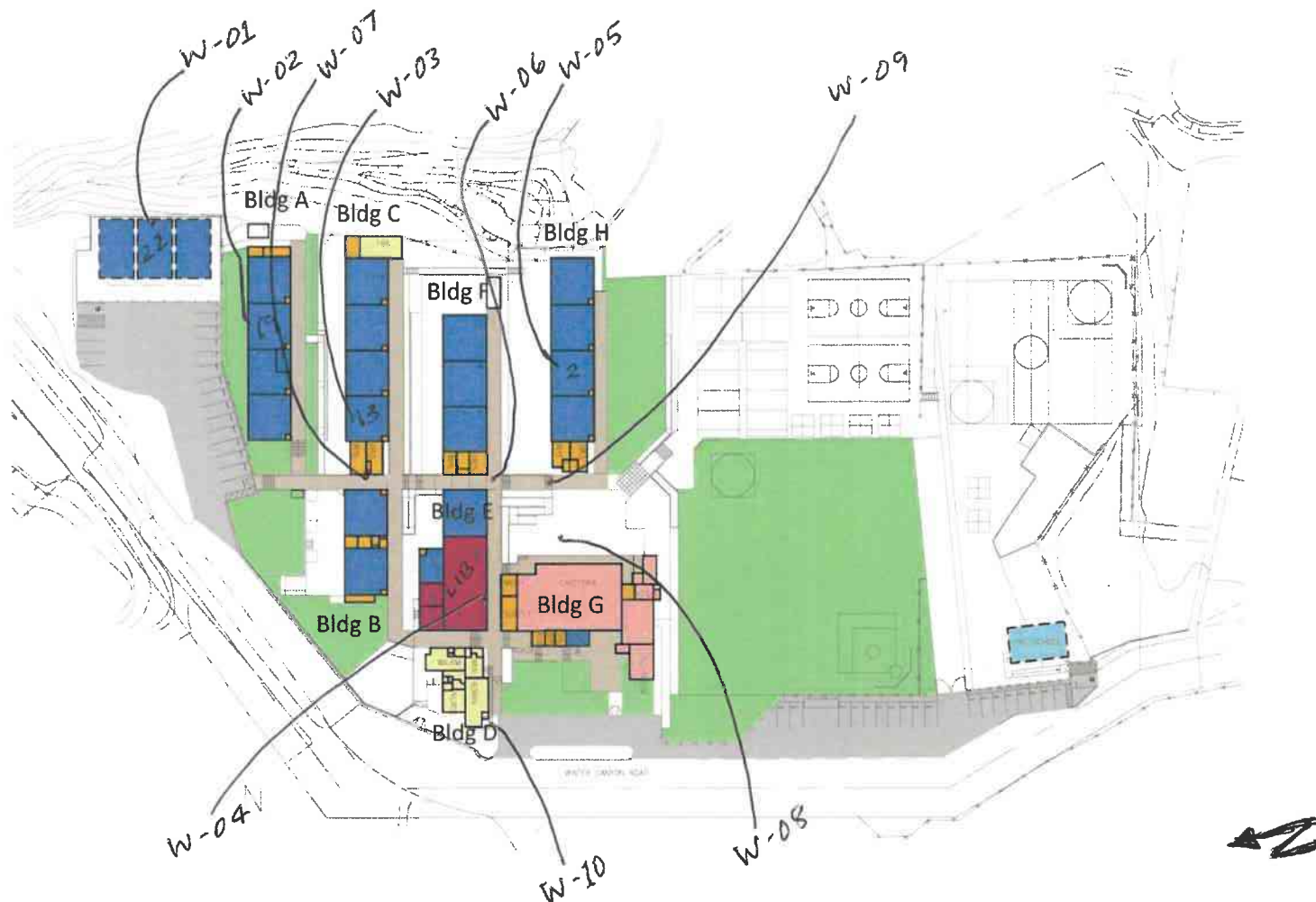
Lead Dust Testing Results Summary Table

Lead Surface Dust Sample Laboratory Analysis Results Webster Elementary School 3602 Winter Canyon Road, Malibu, California Date Collected: July 21, 2025		
Sample Location	Sample No.	Analytical Result (ug/ft ²)
Classroom 22 – NE countertop, at window	W-01	<8
Classroom 19 – NE bookcase top, at N window	W-02	<8
Classroom 13 – central table, at Computer Station 20	W-03	<8
Library – S bookshelf, W area, 3 rd bookshelf from bottom	W-04	<20
Classroom 2 – table, at N window	W-05	<8
Exterior – covered walkway, at SW corner of Bldg. F	W-06	<8
Exterior – drinking fountain (metal), at W end of Bldg. C (covered walkway)	W-07	<20
Exterior – lunch table top, at covered lunch area on E side of cafeteria	W-08	<9
Exterior – center handrail, at walkway steps at E end of Bldg. H	W-09	<9
Exterior – center (diagonal) handrail, at office public entry	W-10	30
Field blank	W-11	<8 ug/sample
Notes: Sample results are expressed in micrograms of lead per square foot of sampled surface (ug/ft ²) < (“less than symbol”) indicates no measurable levels identified above the laboratory limit of detection (LOD)		

ATTACHMENT B

Site Map with Sample Locations

Campus Map





Forensic Analytical Consulting Services
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ATTACHMENT C

Laboratory Report and Chain of Custody Documentation



Metals Analysis of HUD Wipes

(AIHA-LAP, LLC Accreditation, Lab ID #101629)

Forensic Analytical Consulting Svcs
Lydia Feng
4900 Airport Plaza Suite 115

Long Beach, CA 90815

Client ID: LA05
Report Number: M270722
Date Received: 07/21/25
Date Analyzed: 07/25/25
Date Printed: 07/25/25
First Reported: 07/25/25

Job ID / Site: PJ88022; Santa Monica - Malibu Unified School District SMMUSD IEQ Support
2025-2026 Various Schools Santa Monica CA

SGSFL Job ID: LA05

Date(s) Collected: 7/21/25

Total Samples Submitted: 11

Total Samples Analyzed: 11

Sample Number	Lab Number	Area ft ²	Analyte	Result	Result Units	Reporting Limit*	Method Reference
W-01	LM291208	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
W-02	LM291209	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
W-03	LM291210	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
W-04	LM291211	0.77	Pb	< 20	ug/ft ²	20	NIOSH 9100/7082
W-05	LM291212	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
W-06	LM291213	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
W-07	LM291214	0.67	Pb	< 20	ug/ft ²	20	NIOSH 9100/7082
W-08	LM291215	0.99	Pb	< 9	ug/ft ²	9	NIOSH 9100/7082
W-09	LM291216	0.97	Pb	< 9	ug/ft ²	9	NIOSH 9100/7082
W-10	LM291217	0.99	Pb	30	ug/ft ²	9	NIOSH 9100/7082
W-11	LM291218		Pb	< 8	ug	8	NIOSH 9100/7082

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Vincent To, Laboratory Supervisor, Carson Laboratory

Analytical results and reports are generated by SGS at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGS to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGS. The client is solely responsible for the use and interpretation of test results and reports requested from SGS. SGS is not able to assess the degree of hazard resulting from materials analyzed. SGS 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. Any modifications that have been made to referenced test methods are documented in SGS Standard Operating Procedures Manual. Sample results have not been blank corrected. Quality control and sample receipt condition were acceptable unless otherwise noted.

Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.



Client Name & Address: LA05 - Forensic Analytical Consulting Services, Inc. 4900 Airport Plaza Dr, Suite 115 Long Beach, CA 90815		P.O. #: Date: 07/21/2025
Contact: Lydia Feng		Turn Around Time: ____ hr / 12hr / 24hr / 48 hr / ext: <u>5 DAY</u>
FACS Client: Santa Monica-Malibu Unified School District		Due Date: ____ / ____ / ____ Due Time: ____ am/pm <input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input checked="" type="checkbox"/> PCM: NIOSH 7400
FACS Client/Job Number: PJ88022		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac
Site: Webster ES		<input type="checkbox"/> Special Project:
Project: Lead Assessment		<input checked="" type="checkbox"/> Metals Analysis: Method: AA Matrix: Ghost Wipes Analytes: Lead (Pb)

Comments:

Sample ID	Sample Location/Description	FOR AIR SAMPLES ONLY Type: A-area; P-personal; C-clearance				Sample Area or Air Volume
		Type	Time On/Off	Avg. LPM	Total Time	Air Volume
W-01	CLASSRM 22, NE COUNTER TOP AT WINDOW	A P C				12" x 12"
W-02	CLASSRM 19, BOOKCASE TOP, AT N WINDOW	A P C				12" x 12"
W-03	CLASSRM 13, CENTRAL TABLE, AT COMPUTER STATION 20	A P C				12" x 12"
W-04	LIBRARY, S BOOKSHELF, W AREA, 3RD SHELF FROM BOTTOM	A P C				10.5" x 10.5"
W-05	CLASSRM 2, TABLE AT N WINDOW	A P C				12" x 12"
W-06	EXTERIOR, COVERED WALKWAY, AT SW CORNER OF BLDG F	A P C				12" x 12"
W-07	EXTERIOR, DRINKING FOUNTAIN (METAL) AT W END OF BLDG C (COVERED WALKWAY)	A P C				12" x 8"
W-08	EXTERIOR, LUNCH TABLE TOP AT COVERED LUNCH AREA AT E SIDE OF CAFETERIA	A P C				15" x 9.5"
W-09	EXTERIOR, CENTER HANDRAIL AT WALKWAY STEPS AT E END OF BLDG H	A P C				5.375" x 26"
W-10	EXTERIOR, CENTER (DIAGONAL) HANDRAIL AT OFFICE PUBLIC ENTRY	A P C				4.75" x 30"

Sampled by: R. McWHORTER		Date: 07/21/2025 Time: ____	
Shipped via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:			
Relinquished by: R. McWHORTER		Relinquished by:	
Date / Time: 07/21/25 1250		Date / Time:	
Received by: Nicole Adams		Received by:	
Date / Time: 07/21/25 12:55pm		Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	



Client Name & Address: LA05 - Forensic Analytical Consulting Services, Inc. 4900 Airport Plaza Dr, Suite 115 Long Beach, CA 90815		P.O. #:	Date: 07/21/2025
Contact: Lydia Feng		Turn Around Time: ____ hr / 12hr / 24hr / 48 hr ext: 5 DAY	
FACS Client: Santa Monica-Malibu Unified School District		Due Date: / / Due Time: 4:00 pm	
FACS Client/Job Number: PJ88022		<input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="checkbox"/> PCM: NIOSH 7402	
Site: Webster ES		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Project: Lead Assessment		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
		<input type="checkbox"/> TEM Microvac	
		<input type="checkbox"/> Special Project:	
		<input checked="" type="checkbox"/> Metals Analysis: Method: AA	
		Matrix: Ghost Wipes	
		Analytes: Lead (Pb)	

Comments:

Sample ID	Sample Location/Description	FOR AIR SAMPLES ONLY Type: A-area; P-personal; C-clearance				Sample Area or Air Volume
		Type	Time On/Off	Avg. LPM	Total Time	
W-11	BLANK	A P C				
		A P C				
		A P C				
		A P C				
		A P C				
		A P C				
		A P C				
		A P C				
		A P C				
		A P C				

Sampled by: R. McWHURTER		Date: 07/21/2025		Time: :
Shipped via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:				
Relinquished by: R. McWHURTER		Relinquished by:		Relinquished by:
Date / Time: 07/21/25 1250		Date / Time:		Date / Time:
Received by: Nicole Adams		Received by:		Received by:
Date / Time: 7/21/25 12:55pm		Date / Time:		Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

ATTACHMENT D

8552 Form

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 7/21/25

Section 2 — Type of Lead Hazard Evaluation (Check one box only)
☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☒ Other (specify) Limited lead dust testing
Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]		City	County	Zip Code
3602 Winter Canyon Road		Malibu	Los Angeles	90265
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

Section 4 — Owner of Structure (if business/agency, list contact person)

Name		Telephone number	
Santa Monica-Malibu School District - Carey Upton		310-450-8338, ext. 79383	
Address [number, street, apartment (if applicable)]		City	State
1717 4th Street		Santa Monica	CA
		Zip Code	90401

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	
Stephen Long - Forensic Analytical Consulting Services		310-668-5600	
Address [number, street, apartment (if applicable)]		City	State
4900 Airport Plaza Drive, #115		Long Beach	CA
		Zip Code	90815
CDPH certification number	Signature		Date
LRC-00001868			8/4/25

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Robert McWhorter, LRC-00004336

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656