

January 28, 2019

TO Carey Upton
Chief Operations Officer
Santa Monica - Malibu Unified School District

cupton@smmusd.org

FROM Mark Smith
Forensic Analytical Consulting Services
2959 E Pacific Commerce Dr.
Rancho Dominguez, CA 90221

msmith@forensicanalytical.com

JOB Juan Cabrillo Elementary School
SITE 30237 Morning View Drive
Malibu, California 90265

RE **Ambient Air Testing for Asbestos and Surface Dust Sampling for Lead**
FACS Project No. PJ39976

This letter report presents the results of the limited asbestos air sampling and lead dust wipe sampling conducted by Forensic Analytical Consulting Services (FACS). At your request, FACS conducted air monitoring (to determine airborne asbestos fiber levels) and surface dust sampling (to determine settled lead dust levels) at various interior areas of the Juan Cabrillo Elementary School campus, located at 30237 Morning View Drive in Malibu, California. The sampling was requested due to occupant concerns that smoke infiltration from recent fires may have resulted in asbestos fiber impact or lead dust deposition. No known asbestos containing building materials or lead-based painted component impacts have occurred at the site.

The air sampling was conducted by FACS personnel certified by the California Division of Industrial Relations, Department of Occupational Safety and Health (Cal/OSHA) as a Certified Asbestos Consultant (CAC) or Certified Site Surveillance Technician (CSST). Dust wipe sampling was conducted by FACS personnel certified by California Department of Public Health (CDPH) as a Lead Inspector/Assessor, Project Monitor and/or Sampling Technician.

The samples were submitted to Amerisci Group's Carson, California laboratory. Air samples were submitted for transmission electron microscopy (TEM) analysis using AHERA protocol. These results are reported in asbestos structures per filter and asbestos structures per cubic centimeter of air. The dust wipe samples were analyzed by Atomic Absorption Spectroscopy (AAS), utilizing EPA Method 3050B/7000B. These results are reported in micrograms of lead per square foot.

Amerisci Group is an accredited laboratory that participates in the National Voluntary Laboratory Accreditation Program (NVLAP) quality assurance/quality control program for asbestos analysis (NVLAP No. 200346-0) and Environmental Laboratory Accreditation Program (ELAP Accreditation No. 2322).

As a reference point to the numbers generated by the analysis, the EPA requires a maximum average of 70 structures (or less) per square millimeter of sample filter area as the clearance criteria for reoccupation of an asbestos abatement area in schools, which equates to approximately 0.02 fibers per cubic centimeter of air (f/cc), with typical sampling parameters. An alternate EPA limit, for smaller work areas, is 0.01 f/cc. All air sample results were well below these limits. In fact, no asbestos structures were identified in any of the samples (detection limits were well below the EPA standards). Wipe sample results for lead dust were all below the California Department of Public Health (CDPH) regulatory limits for the surfaces tested (40 micrograms of lead per square foot for interior floors and 250 micrograms of lead per square foot for interior horizontal surfaces).

Laboratory reports, sampling data/chain-of-custody forms and completed copy of CDPH Form 8552 (required by CDPH), are contained in the Attachments.

Respectfully,
FORENSIC ANALYTICAL

A handwritten signature in black ink, appearing to read 'M. Smith', with a horizontal line underneath.

Mark Smith

CAC No.00-2736

CDPH No. 7160

Attachments

Client Name: Forensic Analytical Consulting Services

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)

PJ 39977; Malibu SD Juan Cabrillo ES; Air And Surface Sampling

AmeriSci Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	* Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)		Structure Density (struc/sq mm)		Structure Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>=5.0	Total	>=5.0	Total	>=5.0	
01 inside	TE44 3008		1377.4	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Admin - Center West											
02 inside	TE44 3006		1396.8	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Admin - Center East											
03 inside	TE44 3040		1377.4	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Admin - North											
04 inside	TE44 3007		1358	.060	0.0047	0.0	0.0	<16.6	<16.6	<0.0047	<0.0047	NSD
Location:	Room 3 - West											
05 inside	TE44 3022		1348.3	.060	0.0047	0.0	0.0	<16.6	<16.6	<0.0047	<0.0047	NSD
Location:	Room 9 - East											
06 inside	TE44 3043		1379.7	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Room 5 - Center											
07 inside	TE44 3050		1503.5	.060	0.0043	0.0	0.0	<16.6	<16.6	<0.0043	<0.0043	NSD
Location:	Room 4 - North West											
08 inside	TE44 3044		1436.4	.060	0.0045	0.0	0.0	<16.6	<16.6	<0.0045	<0.0045	NSD
Location:	Room 2 - North East											
09 inside	TE44 3024		1493.8	.060	0.0043	0.0	0.0	<16.6	<16.6	<0.0043	<0.0043	NSD
Location:	Room 1 - South West											
10 inside	TE44 3023		1455.3	.060	0.0044	0.0	0.0	<16.6	<16.6	<0.0044	<0.0044	NSD
Location:	Room 11 - South East											
11 inside	TE44 3033		1455.3	.060	0.0044	0.0	0.0	<16.6	<16.6	<0.0044	<0.0044	NSD
Location:	Room 10 - Center											
12 inside	TE44 3005		1710.45	.050	0.0045	0.0	0.0	<19.9	<19.9	<0.0045	<0.0045	NSD
Location:	Room 8 - North East											
13 inside	TE44 3034		1663.2	.050	0.0046	0.0	0.0	<19.9	<19.9	<0.0046	<0.0046	NSD
Location:	Room 6 - North											

* concentration represented by the detection of 1 structure
 ** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: 

; Analyzed By: 

Date: 11/30/2018



Glenn F. Massey

Client Name: Forensic Analytical Consulting Services

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Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)
 PJ 39977; Malibu SD Juan Cabrillo ES; Air And Surface Sampling

AmeriSci Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	* Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)		Structure Density (struc/sq mm)		Structure Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>=5.0	Total	>=5.0	Total	>=5.0	
14 inside	TE44 2890		1587.6	.050	0.0048	0.0	0.0	<19.9	<19.9	<0.0048	<0.0048	NSD
Location:	MPR - North West											
15 inside	TE44 3259		1568.7	.050	0.0049	0.0	0.0	<19.9	<19.9	<0.0049	<0.0049	NSD
Location:	Stage - East											
16 inside	TE44 2891		1499.6	.050	0.0051	0.0	0.0	<19.9	<19.9	<0.0051	<0.0051	NSD
Location:	Kitchen - Center											
17 inside	TE44 2885		1377.4	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Room 12 - South East											
18 inside	TE44 3257		1387.1	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Room 13 - East											
19 inside	TE44 2903		1711.2	.050	0.0045	0.0	0.0	<19.9	<19.9	<0.0045	<0.0045	NSD
Location:	Room 14 - North West											
20 inside	TE44 2879		1360.8	.060	0.0047	0.0	0.0	<16.6	<16.6	<0.0047	<0.0047	NSD
Location:	Room 15 South East											
21 inside	TE44 3255		1387.1	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Room 20 - North											
22 inside	TE44 3267		1426	.060	0.0045	0.0	0.0	<16.6	<16.6	<0.0045	<0.0045	NSD
Location:	Room 21 - North West											
23 inside	TE44 3273		1377.4	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Room 22 - North East											
24 inside	TE44 2887		1416.8	.060	0.0045	0.0	0.0	<16.6	<16.6	<0.0045	<0.0045	NSD
Location:	Room 23 - West											
25 inside	TE44 2894		1416.8	.060	0.0045	0.0	0.0	<16.6	<16.6	<0.0045	<0.0045	NSD
Location:	Room 16 - West											
26 inside	TE44 2886		1518	.050	0.0051	0.0	0.0	<19.9	<19.9	<0.0051	<0.0051	NSD
Location:	Room 17 - North East											

* concentration represented by the detection of 1 structure
 ** not analyzed
 NSD: No Asbestos Structures Detected

Reviewed By:  ; Analyzed By:  Date: 11/30/2018
 Glenn F. Massey

Client Name: Forensic Analytical Consulting Services

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Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)
 PJ 39977; Malibu SD Juan Cabrilo ES; Air And Surface Sampling

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						0.5-5.0	>=5.0	Total	>=5.0	Total	>=5.0	
27 inside	TE44 2883		1508.8	.050	0.0051	0.0	0.0	<19.9	<19.9	<0.0051	<0.0051	NSD
Location:	Room 18 - South East											
28 inside	TE44 3272		1610.2	.050	0.0048	0.0	0.0	<19.9	<19.9	<0.0048	<0.0048	NSD
Location:	Room 19 - South											
29 inside	TE44 2870		1573.2	.050	0.0049	0.0	0.0	<19.9	<19.9	<0.0049	<0.0049	NSD
Location:	B & G West - South											
30 inside	TE44 2898		1564	.050	0.0049	0.0	0.0	<19.9	<19.9	<0.0049	<0.0049	NSD
Location:	B & G East - South East											
31 inside	TE44 3256		1559.25	.050	0.0049	0.0	0.0	<19.9	<19.9	<0.0049	<0.0049	NSD
Location:	Library - South East											
32 inside	TE44 3271		1610.2	.050	0.0048	0.0	0.0	<19.9	<19.9	<0.0048	<0.0048	NSD
Location:	Library - North West											
33 inside	TE44 2899		1481.2	.050	0.0052	0.0	0.0	<19.9	<19.9	<0.0052	<0.0052	NSD
Location:	Cottage A - East											
34 inside	TE44 3261		1396.2	.060	0.0046	0.0	0.0	<16.6	<16.6	<0.0046	<0.0046	NSD
Location:	Cottage B - North											
35 blank**	TE44 2869		0									
Location:	Blank											
36 blank**	TE44 2868		0									
Location:	Blank											
37 blank**	TE44 2864		0									
Location:	Blank											

* concentration represented by the detection of 1 structure
 ** not analyzed

NSD: No Asbestos Structures Detected



Reviewed By: _____; Analyzed By: _____


 Glenn F. Massey

Date: 11/30/2018

AMERISCI

www.amerisci.com

Asbestos / Lead Analysis Chain of Custody

AMERISCI LOS ANGELES

24416 S Main St. Suite 308
Carson, CA 90745
Phone (310) 834-4868
Fax (310) 834-4772

AMERISCI JOB #:

918111716

COMPANY: Forensic Analytical Consulting Services		ADDRESS: 2959 Pacific Commerce Drive, Rancho Dominguez 90221					P.O.#: POLA-4513		
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME					AIR FILTER INFORMATION:	
JOB NAME: Malibu SD Juan Cabrillo ES		TEM AHERA	RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER	MCE
JOB NUMBER: PT 39977		PLM Bulk							PC
JOB MANAGER: Mark Smith		PCM Air							25 mm
JOB DESCRIPTION: Air and Surface Sampling		PLM 1000 P.C.							37 mm
		Lead Air							0.45 um
		Lead Wipe							0.80 um
		Lead Paint / Soil							TEMP:
		OTHER:							OTHER:
INITIAL RESULTS DELIVERY: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> VERBAL <input type="checkbox"/> MAIL ONLY						RETURN SAMPLES YES <input type="checkbox"/>			
REPORTS TO: Mark Smith						PHONE:			
INVOICE TO:						FAX:			
COMMENTS: Rotameter 99189						EMAIL: msmith@forensicanalytical.com			
						CELL:			
SAMPLE ID	SAMPLE LOCATION		START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	DATE COLLECTED	
TE443008	Admin - center west		11:34	1350	142	9.7	1377.4	11/29/18	
3004	Admin - center East		11:34	1353	144	9.7	1390.8		
3040	Admin - North		11:35	13:57	142	9.7	1377.4		
307	Room 3 - west		12:09	14:29	140	9.7	1358		
3020	Room 9 - East		12:20	14:39	139	9.7	1348.3		
3043	Room 5 - center		12:27	15:03	140	9.45	1379.7		
3050	Room 4 - North West		12:43	15:18	155	9.7	1503.5		
3044	Room 2 - North East		12:49	15:21	152	9.45	1430.4		
3024	Room 1 - South West		12:53	15:27	154	9.7	1493.8		
3028	Room 11 - South East		12:58	15:32	154	9.45	1455.3		
3023	Room 10 - center		13:02	15:36	154	9.45	1455.3		
3005	Room 8 - North East		13:06	16:07	181	9.45	1710.45		
3034	Room 4 - North		13:09	16:05	170	9.45	1603.2		
3263	MPR - South East (voided)		13:23	16:15	172	9.45	1625.4		
2890	MPR - North West		13:26	16:14	168	9.45	1587.4		
3259	Stage - East		13:29	16:15	160	9.45	1568.7		
2891	Kitchen - center		13:33	16:16	163	9.2	1499.0		
2885	Room 12 - South East		15:13	17:35	142	9.7	1377.4		
3257	Room 13 - East		16:20	18:43	143	9.7	1387.1		
2903	Room 14 - North West		16:22	19:28	180	9.2	1711.2		
SAMPLED BY: <i>[Signature]</i>		DATE/TIME: 11/29/18		RECEIVED BY:		DATE/TIME:			
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 11/29/18 21:10		RECEIVED BY:		DATE/TIME:			
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY: Dissanai Jones		DATE/TIME: 11/29/18			

AMERISCI

www.amerisci.com

Asbestos / Lead Analysis Chain of Custody

AMERISCI JOB #:

918111716

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: Forensic Analytical Consulting Services		ADDRESS: 2959 Pacific Commerce Drive, Rancho Dominguez 90221					P.O.#: POLA 4013		
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME				AIR FILTER INFORMATION:	
JOB NAME: Malibu SD Juan Cabrillo EG		TEM AHERA		RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER
JOB NUMBER: PJ39977		PLM Bulk							
JOB MANAGER: Mark Smith		PCM Air							
JOB DESCRIPTION: Air and Surface Sampling		PLM 1000 P.C.							
		Lead Air							
		Lead Wipe							
		Lead Paint / Soil							
		OTHER:							

INITIAL RESULTS DELIVERY: FAX EMAIL VERBAL MAIL ONLY

REPORTS TO: Mark Smith

INVOICE TO:

COMMENTS: Rotameter 99189

RETURN SAMPLES YES

PHONE:

FAX:

EMAIL: msmith@forensicanalytical.com

CELL:

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS / MIN.	TOTAL VOLUME	DATE COLLECTED
TE44 2879	Room 15 SOUTH EAST	10:24	1848	144	9.45	1360.8	11/29/18
3255	Room 20 - NORTH	10:27	1850	143	9.7	1387.1	
3267	Room 21 - NORTH WEST	10:28	1903	155	9.2	1424	
3273	Room 22 - NORTH EAST	10:30	1852	142	9.7	1377.4	
2887	Room 23 - WEST	10:31	1905	154	9.2	1414.8	
2894	Room 14 - WEST	10:33	1907	154	9.2	1414.8	
2884	Room 17 - NORTH EAST	10:34	1919	145	9.2	1518	
2883	Room 18 SOUTH EAST	10:37	1921	104	9.2	1508.8	
3272	Room 19 SOUTH	10:39	1924	100	9.7	1010.2	
2870	B#6 WEST - SOUTH	10:40	1931	171	9.2	1573.8	
2898	B#6 EAST - SOUTH EAST	10:42	1932	170	9.2	1564	
3256	Library - South East	10:52	1937	105	9.48	1559.25	
3271	Library - North West	10:53	1939	140	9.7	1010.2	
2899	Cottage A - East	1700	1941	101	9.2	1481.2	
3261	Cottage B - North	1707	1943	150	8.95	1390.2	
2909	Blank						
2848	Blank						
2864	Blank						

SAMPLED BY: [Signature]	DATE/TIME: 11/29/18	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY: [Signature]	DATE/TIME: 11/29/18 2:10	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED IN LAB BY: Pissman Jones	DATE/TIME: 11/30/18

Metals Analysis of HUD Wipes

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

Forensic Analytical Consulting Svcs
Mark A. Smith
2959 Pacific Commerce Drive

Rancho Dominguez, CA 90221

Client ID: LA05
Report Number: M205409
Date Received: 11/30/18
Date Analyzed: 11/30/18
Date Printed: 11/30/18
First Reported: 11/30/18

Job ID / Site: PJ39977; Juan Cabrillo ES - Asb. Air Sampling & Lead Dust Surface Sampling
30237 Morning View Drive Malibu CA 90265

FALI Job ID: LA05

Date(s) Collected: 11/29/18

Total Samples Submitted: 56

Total Samples Analyzed: 56

Sample Number	Lab Number	Area ft ²	Analyte	Result	Result Units	Reporting Limit*	Method Reference
01PB	LM162927	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
02PB	LM162928	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
03PB	LM162929	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
04PB	LM162930	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
05PB	LM162931	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
06PB	LM162932	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
07PB	LM162933	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
08PB	LM162934	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
09PB	LM162935	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
10PB	LM162936	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
11PB	LM162937	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
12PB	LM162938	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
13PB	LM162939	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
14PB	LM162940	1.00	Pb	9	ug/ft ²	8	NIOSH 9100/7082
15PB	LM162941	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
16PB	LM162942	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
17PB	LM162943	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
18PB	LM162944	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
19PB	LM162945	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
20PB	LM162946	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
21PB	LM162947	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
22PB	LM162948	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
23PB	LM162949	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
24PB	LM162950	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
25PB	LM162951	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
26PB	LM162952	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082

Metals Analysis of HUD Wipes

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

Forensic Analytical Consulting Svcs
Mark A. Smith
2959 Pacific Commerce Drive

Rancho Dominguez, CA 90221

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Job ID / Site: PJ39977; Juan Cabrillo ES - Asb. Air Sampling & Lead Dust Surface Sampling
30237 Morning View Drive Malibu CA 90265

FALI Job ID: LA05

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Total Samples Analyzed: 56

Sample Number	Lab Number	Area ft ²	Analyte	Result	Result Units	Reporting Limit*	Method Reference
27PB	LM162953	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
28PB	LM162954	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
29PB	LM162955	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
30PB	LM162956	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
31PB	LM162957	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
32PB	LM162958	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
33PB	LM162959	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
34PB	LM162960	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
35PB	LM162961	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
36PB	LM162962	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
37PB	LM162963	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
38PB	LM162964	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
39PB	LM162965	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
40PB	LM162966	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
41PB	LM162967	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
42PB	LM162968	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
43PB	LM162969	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
44PB	LM162970	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
45PB	LM162971	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
46PB	LM162972	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
47PB	LM162973	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
48PB	LM162974	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
49PB	LM162975	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
50PB	LM162976	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
51PB	LM162977	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
52PB	LM162978	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082



Metals Analysis of HUD Wipes

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

Forensic Analytical Consulting Svcs
Mark A. Smith
2959 Pacific Commerce Drive

Rancho Dominguez, CA 90221

Client ID: LA05
Report Number: M205409
Date Received: 11/30/18
Date Analyzed: 11/30/18
Date Printed: 11/30/18
First Reported: 11/30/18

Job ID / Site: PJ39977; Juan Cabrillo ES - Asb. Air Sampling & Lead Dust Surface Sampling
30237 Morning View Drive Malibu CA 90265

Date(s) Collected: 11/29/18

FALI Job ID: LA05

Total Samples Submitted: 56

Total Samples Analyzed: 56

Sample Number	Lab Number	Area ft ²	Analyte	Result	Result Units	Reporting Limit*	Method Reference
53PB	LM162979	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
54PB	LM162980	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
55PB	LM162981	1.00	Pb	< 8	ug/ft ²	8	NIOSH 9100/7082
56PB	LM162982	1.00	Pb	< 8	ug/ft ²	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.

Beatriz Hinojosa, Laboratory Supervisor, Rancho Dominguez Laboratory

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WIPE SAMPLE REQUEST FORM

Client: **FACS FACS Los Angeles** Sampled by: **Deeta Hong** PM: **Mark Smith** Date: **11/29/18**

Contact: **Mark Smith** Phone: **(310) 668-5600** Special email results to: **msmith@forensicanalytical.com**

Site: **Juan Cabrillo E.S.** Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other **1 day** Due Date and Time:

Client No.: Analysis: **Flame AA (Pb)** Other: **1 dust wipe**

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
01Pb	Admin - Center N. end	Floor	1 sqft	042116 Ghost wipe exp 10/14	
02Pb	Nurses office - Center	Floor	1 sqft		
03Pb	Nurses office - N.W.	Counter	1 sqft		
04Pb	Principals office - threshold	Floor			
05Pb	Staff Lounge - E.	Floor			
06Pb	Staff Lounge - N.W.	Table			
07Pb	Workroom - Center	Floor			
08Pb	Room. 5 - West Center	Floor			

Substrate: wood metal concrete plaster drywall brick

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by: **Deeta Hong** Date & Time: **11/29/18 21:50** Received by: **Deeta Hong** Date & Time: **11-30-18 8:00**

Condition Acceptable: Yes No

Relinquished by: Date & Time: Received by: Date & Time: Condition Acceptable: Yes No

WIPE SAMPLE REQUEST FORM

Client: LAD5 FACS Los Angeles
 Contact: MARK SMITH Phone: (310) 668-5600
 Site: JUAN CABRILLO E.S.
 Client No.: FACS Job #: PJ39977
 Sampled by: Deeta Hong PM: Mark Smith Date: 11/29/18
 Special Instructions: email results to msmith@forensicanalytical.com
 Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other: 6+
 Analysis: Flame AA (Pb) / dust wipe Other:

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
09 Pb	Room 5 - West Center	Desk	1 saft	ghost wipe / 042116 / Exp. 10/19	
10 Pb	Room 4 - South	Floor			
11 Pb	Room 3 - Center	Floor			
12 Pb	Room 3 - South East	Counter			
13 Pb	Room 2 - North West	Floor			
14 Pb	Room 1 - West	Floor			
15 Pb	Room 1 - South East	Cabinet			
16 Pb	Room 9 - South	Floor			

Substrate: wood metal concrete plaster drywall brick
 Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:
 Relinquished by: [Signature] Date & Time: 11/29/18 21:50
 Relinquished by: [Signature] Date & Time: 11-30-18 8 PM
 Condition Acceptable Yes No
 Condition Acceptable Yes No

WIPE SAMPLE REQUEST FORM

Client: LADS FACS Los Angeles
 Contact: MARK SMITH Phone: (310)668-5600
 Site: Juan Cabrillo E.S.
 Client No.: FACS Job #: P239977
 Sampled by: Deeta Hong PM: Mark Smith Date: 11/29/18
 Special Instructions: email results to msmith@forensicanalytical.com
 Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other: Rush
 Analysis: Flame AA (Pb) / *1 dust wipe* Other:

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
17Pb	Room 8 - West	Floor	1 sqft	ghost wipe / 042114 exp. 10/19	
18Pb	Room 8 - South East	Desk			
19Pb	Room 10 - West	Floor			
20Pb	Room 11 - West	Floor			
21Pb	Room 11 - North East	Desk			
22Pb	Multipurpose Room - East	Floor			
23Pb	Multipurpose Room - North West	Floor			
24Pb	Kitchen - West	Floor			

Substrate: wood mical concrete plaster drywall brick
 Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:
 Relinquished by: *[Signature]* Date & Time: 11/29/18 11:50
 Received by: *[Signature]* Date & Time: 11-30-18 8:20
 Condition Acceptable: Yes No
 Relinquished by: *[Signature]* Date & Time:
 Received by: *[Signature]* Date & Time:
 Condition Acceptable: Yes No

WIPE SAMPLE REQUEST FORM

Client: **LAOS FACS Los Angeles** Sampled by: **Deeta Hong** PM: **Mark Smith** Date: **11/29/18**

Contact: **Mark Smith** Phone: **(310) 668-5600** Special email results to **msmith@forensicanalytical.com**

Site: **Juan Caballo E.S.** Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other **1 DAY**

Analysis: **Flame AA (Pb)** Other: **DUST WIPE** Due Date and Time:

Client No.: **FACS Job #: P J39977**

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
25 Pb	Kitchen - Table - North East	Table	1 sqft	ghost wipe / 042116 / Exp. 10/19	
26 Pb	Room 12 - East	Floor			
27 Pb	Room 13 - Center	Floor			
28 Pb	Room 13 - West	Table			
29 Pb	Room 14 - North West East	Floor			
30 Pb	Room 15 - North West	Floor			
31 Pb	Room 15 - South East	Table			
32 Pb	Room 20 - East	Floor			

Substrate: wood metal concrete plaster drywall brick

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by: *[Signature]* Date & Time: **11/29/18 1:50**

Received by: *[Signature]* Date & Time: **11-30-18 8:00**

Condition Acceptable Yes No

Relinquished by: *[Signature]* Date & Time:

Received by: *[Signature]* Date & Time:

Condition Acceptable Yes No

WIPE SAMPLE REQUEST FORM

Client: LA05 FACS Los Angeles
 Contact: MARK SMITH Phone: (310) 668-5600
 Site: Juan Cabrillo E.S.
 Client No.: FACS Job #: PJ39977
 Sampled by: Deeta Hong PM: Mark Smith Date: 11/29/18
 Special email results to msmith@forensicanalytical.com
 Instructions:
 Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other: 3
 Analysis: Flame AA (Pb) 1 dust w/pe Other:

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
33Pb	Room 21 - West	Floor	1 sq ft	ghost wipe 1042116/ exp. 10/19	
34Pb	Room 21 - North	Table			
35Pb	Room 22 - North East	Floor			
36Pb	Room 23 - North East	Floor			
37Pb	Room 23 - South West	Table			
38Pb	Room 16 - South West	Floor			
39Pb	Room 17 - North	Floor			
340Pb	Room 17 - West	Counter			

Substrate: wood metal concrete plaster drywall brick

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by: [Signature] Date & Time: 11/29/18 7:50
 Relinquished by: [Signature] Date & Time: 11/30/18 8:00
 Received by: [Signature] Date & Time: D/O
 Condition Acceptable Yes No
 Condition Acceptable Yes No

WIPE SAMPLE REQUEST FORM

Client: LA05 FACS Los Angeles
 Contact: MARK SMITH Phone: (310) 668-5600
 Site: Juan Cabrillo E.S.
 Client No.: FACS Job #: P39977
 Sampled by: Deeta Hong PM: MARK SMITH Date: 11/29/18
 Special email results to msmith@forensicanalytical.com
 Instructions:
 Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other
 Analysis: Flame AA (Pb) / dust wipe
 Other:

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
41Pb	Room 18 - Center	Floor	19ft	ghost wipe / 042116 Exp. 10/19	
42Pb	Room 19 - Center	Floor			
43Pb	Room 19 - Cabinet South East	Cabinet			
44Pb	East Boys & Girls Club - South West	Floor			
45Pb	West Boys & Girls Club - Center	Floor			
46Pb	West Boys & Girls Club - South	Counter			
47Pb	Library - Center	Floor			
48Pb	Speech - South	Floor			

Substrate: wood metal concrete plaster drywall brick
 Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:
 Relinquished by: [Signature] Date & Time: 11/29/18 21:50
 Received by: [Signature] Date & Time: 11-30-18 8:00
 Condition Acceptable: Yes No
 Relinquished by: [Signature] Date & Time:
 Received by: [Signature] Date & Time:
 Condition Acceptable: Yes No

WIPE SAMPLE REQUEST FORM

Client: LA 05 FACS Los Angeles
 Contact: MARK SMITH Phone: (310) 668-5700
 Site: Juan Cabrillo E.S.
 Client No.: FACS Job #: P139977
 Sampled by: Deeta Hong PM: MARK SMITH Date: 11/29/18
 Special Instructions: email results to msmithe@forensicanalytical.com
 Turnaround Time: 1-Day 2-Day 3-Day 5-Day Other VISA
 Analysis: Flame AA (Pb) / Other: dust wipe

Sample Number	Sample Location	Component	Area	Media/Lot#/Exp. Date	Result
49Pb	Speech - Center	Table	1 sq ft	Best Wipe / 042116 / Exp. 10/19	
50Pb	Conf. Room - Center	Floor			
51Pb	Cottage A - East	Floor			
52Pb	Cottage B - Center	Floor			
53Pb	Cottage B - North East	Counter.			
54Pb	Room 4 - Center	Floor			
55Pb	Blank	---			
56Pb	Blank	---			

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____
 Substrate: wood metal concrete plaster drywall brick
 Relinquished by: [Signature] Date & Time: 11/29/18 2:15 P
 Received by: [Signature] Date & Time: 11-30-18 8:00
 Condition Acceptable Yes No
 Relinquished by: [Signature] Date & Time: _____
 Received by: [Signature] Date & Time: _____
 Condition Acceptable Yes No

