



ENVIRONMENTAL ASSISTANCE GROUP

179 NIBLICK ROAD #401 PASO ROBLES CA 93446

PHONE/FAX 805-286-4921 E-MAIL comply@haztrainer.com

February 28, 2021

Mr. Bob Lombard,

Newport Mesa Unified School District

2990 Mesa Verde Drive,

Costa Mesa 92626

SUMMARY REPORT OF SAMPLING ROOF MATERIALS FOR ASBESTOS AND LEAD

INTRODUCTION

On February 16, 2021 Environmental Assistance Group represented by Ed Kennedy, Certified Asbestos Consultant (CAC) collected samples of non-friable miscellaneous roof materials from Mariners Elementary School 2100 Mariners Drive Newport Beach, California 92660, in the Newport Mesa Unified School District. Three roof materials samples were collected on roof edges where fascia is in poor condition. In addition, a sample was taken of loose and peeling paint on the fascia to be analyzed for lead content because the paint will be disturbed during repairs.

METHOD

The sampling method included collecting representative samples of roofing materials using a coring tool. The lead paint chip sample was scraped or pulled off. All samples were placed in leak tight containers and transported to a NVLAP and DHS certified laboratory, SGS Forensic Laboratories in California, for analysis by Polarized Light Microscopy (PLM). The paint sample was analyzed by Flame AA. After analysis, the results were provided for inclusion in this report.

RESULTS

The analyses showed that the homogenous areas of roofing materials were none detected (ND) for asbestos. The Grey paint on the fascia is 0.15 % by weight. This is less than the level for lead based paint (LBP) at 0.5% by weight.

RECOMMENDATION

OSHA requires workers disturbing any amount of lead to have training.

Eldwin "Ed" Kennedy, CAC 93-1249, CLP 4092

Attachments: Homogeneous Area/Sampling Reports, Forensic Analytical Bulk Asbestos/Lead Analysis Report and Chain of Custody

HOMOGENOUS AREA/SAMPLING FORM ASBESTOS

Page 1 of 1

Environmental Assistance Group
179 Niblick Rd. #401
Paso Robles, CA 93446
Office: 805-286-4921

CLIENT: NMUSD

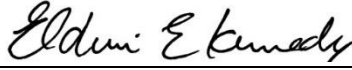
DATE: 2-16-21

SITE: Mariners Elementary

PROJECT # NMM221

SAMPLED: 2-16-21

CERT/CAC #: 93-1249

INSPECTOR: Eldwin "Ed" Kennedy Signature: 

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/SURFACE	BLDG/SUITE	RM/#	SAMPLE LOCATION	AMT
11	NMM221-67	Felt layer tar, roll roofing, small gray stones	Good	Roof	G	Staff patio roof	N.W. corner of roof at edge	ND
11	NMM221-68	Felt layer tar, roll roofing, small gray stones	Good	Roof		Covered walkway	20' from N. wall of MPR, 8' from corner	ND
11	NMM221-69	Felt layer tar, roll roofing, small gray stones	Good	Roof	F	Overhang	East side	ND



Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Environmental Assistance Group
Ed Kennedy
179 Niblick Road #401

Paso Robles, CA 93446

Client ID: L1206
Report Number: B313885
Date Received: 02/17/21
Date Analyzed: 02/24/21
Date Printed: 02/24/21
First Reported: 02/24/21

Job ID/Site: NMM 221; Mariners Elementary, Classrooms

SGSFL Job ID: L1206
Total Samples Submitted: 69
Total Samples Analyzed: 46

Date(s) Collected: 02/16/2021

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
NMM 221 1	51415780						
Layer: Green Mastic			ND				
Layer: Beige Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
NMM 221 2	51415781						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
NMM 221 3	51415782						
Layer: Yellow Mastic with Debris			ND				
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
NMM 221 4	51415783						
Comment: Sample not analyzed due to prior positive result in series.							
NMM 221 5	51415784						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Layer: White/Tan Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Report Number: B313885

Date Printed: 02/24/21

Client Name: Environmental Assistance Group

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
NMM 221 64	51415843						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Wood			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
NMM 221 65	51415844						
Comment: Sample not analyzed due to prior positive result in series.							
NMM 221 66	51415845						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
NMM 221 67	51415846						
Layer: Stones			ND				
Layer: Black Felts			ND				
Layer: Black Tars			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (2 %)	Synthetic (7 %)					
NMM 221 68	51415847						
Layer: Stones			ND				
Layer: Black Felts			ND				
Layer: Black Tars			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (10 %)	Synthetic (7 %)					
NMM 221 69	51415848						
Layer: Black Felts			ND				
Layer: Black Tars			ND				
Layer: Brown Fibrous Material			ND				
Layer: Wood			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)	Fibrous Glass (10 %)	Synthetic (7 %)					

Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification (LOQ) = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) 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 SGSFL 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 SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories 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. All samples were received in acceptable condition unless otherwise noted.



FORENSIC
LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Environmental Assistance Group 179 Niblick Road #401 Paso Robles Ca. 93446		Client No.: L1206	PO / Job#: EW920-NMM221	Date: 2-16-21			
Contact: Ed Kennedy		Phone: (661) 304-8981	Turn Around Time: ☐ Same Day / ☐ 1Day / ☐ 2Day / ☐ 3Day / ☐ 4Day / ☒ 5Do				
E-mail: comply@haztrainer.com		☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer ☒ PLM: ☒ Standard / ☐ Point Count ☐ 400 - ☐ 1000 / ☐ CARB 435					
Site Name: GSD - Marines Elementary		☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)					
Site Location: Classrooms		☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project					
Comments: 7 of 7 Positive Stop each HA		☐ Metals Analysis Matrix: ☐ Method: ☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only					
Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
NMM221	6/2-16-21	HA 9	A P C				
	62	10	A P C				
	63	9	A P C				
	64	10	A P C				
	65	9	A P C				
	66	10	A P C				
	67	11	A P C				
	68	11	A P C				
	69	11	A P C				
Sampled By: Ed Kennedy		Date/Time: 2-16-21	Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:				
Relinquished By: Ed Kennedy		Relinquished By:	Relinquished By:				
Date / Time: 2-17-21 1600		Date / Time:	Date / Time:				
Received By: ccc		Received By:	Received By:				
Date / Time: 2-17-21 4:05pm		Date / Time:	Date / Time:				
Condition Acceptable? ☒ Yes ☐ No		Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No				

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274

Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417

Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

LEAD SAMPLING FORM

Page 1 of 1

Environmental Assistance Group
179 Niblick Rd. #401
Paso Robles, CA 93446
Office: 805-286-4921

CLIENT: 2-16-21

DATE: 2-16-21

SITE: Mariners Elementary

PROJECT # NMM221Pb

SAMPLED: _____

LEAD CERT #: LRC-00002679

INSPECTOR: Eldwin "Ed" Kennedy

Signature: *Elaine Kennedy*

[illegible]



Metals Analysis of Paints

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

Environmental Assistance Group
Ed Kennedy
179 Niblick Road #401

Paso Robles, CA 93446

Client ID: L1206
Report Number: M231781
Date Received: 02/17/21
Date Analyzed: 02/23/21
Date Printed: 02/23/21
First Reported: 02/23/21

Job ID / Site: NMM221; Mariners Elementary, MPR Fascia
Date(s) Collected: 02/16/21

SGSFL Job ID: L1206
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
NMM221 PB 1	LM200519	Pb	0.15	wt%	0.006	EPA 3050B/7000B

* 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, Carson Laboratory

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



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Analysis Request Form (COC)

Client Name & Address: Environmental Assistance Group 179 Niblick Road #401 Paso Robles Ca. 93446		Client No.: L1206	PO / Job#: SW920-NHM221 Date: 2-16-21
Contact: Ed Kennedy Phone: (661) 304-8981		Turn Around Time: ☐ Same Day / ☐ 1Day / ☐ 2Day / ☐ 3Day / ☐ 4Day / ☒ 5Day	
E-mail: comply@haztrainer.com		☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer ☐ PLM: ☐ Standard / ☐ Point Count ☐ 400 - ☐ 1000 / ☐ CARB 435	
Site Name: SSB - Mariners Elementary		☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)	
Site Location: MPR Fascia		☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project	
Comments: Report in % by weight		☒ Metals Analysis Matrix: Paint Method: AA Analytes: Lead	
		☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
NHM221P01	2-16-21		☒ 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: Ed Kennedy SK Date/Time: 2-16-21	Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:
Relinquished By: Ed Kennedy SK Date / Time: 2-17-21 1600	Relinquished By: Date / Time:
Received By: CL CL Date / Time: 2-17-21 4:05pm DO	Received By: Date / Time:
Condition Acceptable? ☒ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

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Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040