



ENVIRONMENTAL ASSISTANCE GROUP

179 NIBLICK ROAD #401 PASO ROBLES CA 93446

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

March 8, 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 Revised

INTRODUCTION

On March 3, 2021 Environmental Assistance Group represented by Ed Kennedy, Certified Asbestos Consultant (CAC) collected samples of non-friable miscellaneous roof materials from Ensign Intermediate School 2000 Cliff Drive Newport Beach, California 92663, in the Newport Mesa Unified School District. Nine 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 0.007% and 0.008% by weight. This is less than the level for lead-based paint (LBP) at 0.5% by weight.

RECOMMENDATION

No special handling of the roofing material is required because the material is negative for asbestos. 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 Asbestos and Lead Analysis Report and Chain of Custody

[illegible]



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: B314582
Date Received: 03/03/21
Date Analyzed: 03/08/21
Date Printed: 03/08/21
First Reported: 03/08/21

Job ID/Site: NME 321; Ensign Intermediate

SGSFL Job ID: L1206
Total Samples Submitted: 9
Total Samples Analyzed: 9

Date(s) Collected: 03/03/2021

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
NME321 1	51420307						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Black Tars			ND				
Layer: Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (10 %)	Synthetic (20 %)					
NME321 2	51420308						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (25 %)	Synthetic (20 %)					
NME321 3	51420309						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (25 %)	Synthetic (20 %)					
NME321 4	51420310						
Layer: Grey Roof Shingle			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (40 %)						

Client Name: Environmental Assistance Group

Report Number: B314582

Date Printed: 03/08/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
NME321 5	51420311						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (40 %)							
NME321 6	51420312						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (40 %)							
NME321 7	51420313						
Layer: Grey Roof Shingle (top)			ND				
Layer: Grey Roof Shingle (bottom)			ND				
Layer: Black Tars			ND				
Layer: Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (10 %) Synthetic (20 %)							
NME321 8	51420314						
Layer: Grey Roof Shingle			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (40 %)							
NME321 9	51420315						
Layer: Grey Roof Shingle			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (40 %)							

Client Name: Environmental Assistance Group

Report Number: B314582

Date Printed: 03/08/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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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.: L-1206	PO / Job#: NME321	Date: 3-3-21
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: Ensign Intermediate		☐ 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:		☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project		
Comments:		☐ Metals Analysis Matrix: Method: Analytes:		
		☐ 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	
NME3211	3-3-21		A P C				
2			A P C				
3			A P C				
4			A P C				
5			A P C				
6			A P C				
7			A P C				
8			A P C				
9			A P C				

Sampled By: Ed Kennedy		Date/Time: 3-3-21	Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:	
Relinquished By: Ed Kennedy		Date / Time: 3-3-21 1600	Relinquished By:	
Received By: all ml		Date / Time: 3-3-21 3:40pm DV	Received By:	
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

CLIENT: NMUSD

DATE: 3-3-21

SITE: Ensign Intermediate

Environmental Assistance Group

179 Niblick Rd. #401

Paso Robles, CA 93446

Office: 805-286-4921

PROJECT # NME321Pb

SAMPLED: 3-3-21

LEAD CERT #: LRC-00002679

INSPECTOR: Eldwin "Ed" Kennedy

Signature: Elmer 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: M232085
Date Received: 03/03/21
Date Analyzed: 05/03/21
Date Printed: 03/05/21
First Reported: 03/05/21

Job ID / Site: NME 321 Pb; Ensign Intermediate
Date(s) Collected: 03/03/21

SGSFL Job ID: L1206
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
NME 321 PB 1	LM200732	Pb	0.007	wt%	0.006	EPA 3050B/7000B
NME 321 PB 2	LM200733	Pb	0.008	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.



FORENSIC
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Analysis Request Form (COC)

Client Name & Address: Environmental Asdsistance Group 179 Niblick Road #401 Paso Robles Ca. 93446		Client No.: L-1206	PO / Job#: NME321Pb	Date: 3-3-21
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: Ensign Intermediate		☐ 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:		☒ Metals Analysis Matrix: 3612 Part Method: AA Analytes: Lead		
Comments:		☐ 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	
NME321Pb	3-3-21		A				
2			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				
			A				

Sampled By: Ed Kennedy		Date/Time: 3-3-21	Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:	
Relinquished By: Ed Kennedy		Relinquished By:	Relinquished By:	
Date / Time: 3-3-21 1600		Date / Time:	Date / Time:	
Received By: CLL		Received By:	Received By:	
Date / Time: 3-3-21 3:40pm D/O		Date / Time:	Date / Time:	
Condition Acceptable? ☒ Yes ☐ No		Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	

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