ENVIRONMENTAL ASSISTANCE GROUP
179 NIBLICK ROAD # 401 PASO ROBLES CA. 93446
PHONE/FAX 805 2864921 E-MAIL comply@haztrainer.com

February 13, 2020

Mr. Bob Lombard,
Newport Mesa Unified School District
2990 Mesa Verde Drive,
Costa Mesa 92626

SUMMARY REPORT OF SAMPLING ROOFING MATERIALS FOR ASBESTOS

INTRODUCTION
On February 5, 2020 Environmental Assistance Group represented by Ed Kennedy, Certified Asbestos Consultant (CAC) collected samples of roofing materials from Administration building at Costa Mesa High School, 2650 Fairview Road, Costa Mesa, California 92626, in the Newport Mesa Unified School District. The sampling was conducted because the district is planning to replace the roofing materials.

METHOD
The sampling method included collecting representative samples by coring through all layers to the substrate. All samples were of non-friable miscellaneous materials. The samples were placed in leak tight containers and transported to a NVLAP and DHS certified laboratory, Forensic Analytical in Rancho Dominguez California, for analysis by Polarized Light Microscopy (PLM). After analysis, the results were provided for inclusion in this report.

RESULTS
The analyses showed that the majority of roof component homogenous areas of roofing materials sampled contained a felt layer close to the substrate and underneath the foam, which contains 75% Chrysotile asbestos.

RECOMMENDATION
Because of the representative samples collected, utilize trained asbestos workers to remove the of all of the roofing materials.

Eldwin E Kennedy

Eldwin “Ed” Kennedy, CAC 93-1249, CLP 4092

Attachments: Asbestos Homogeneous Area/Sampling Form, Forensic Analytical Bulk Asbestos 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: 2-5-20 SITE: Costa Mesa HS PROJECT # NMCHR220

SAMPLED: 2-5-20 Roof – Administration Bldg. CERT/CAC #: 93-1249

INSPECTOR: Eldwin "Ed" Kennedy Signature: Eldwin E Kennedy

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT
1	NMCHR220-1	Roof felt/ mastic/foam	NA	Roof next to 3" pipe penetration	Admin	Roof	30' from S. wall, 30' from W. wall	75% felt layer
1	NMCHR220-2	Roof felt/ mastic/foam	NA	Roof field	Admin	Roof	NE corner, 1' from E., 1' from N.	75% felt layer
1	NMCHR220-3	Roof felt/ mastic/foam	NA	Roof field	Admin	Roof	27' from E. edge, 30' from S. wall	75% felt layer
2	NMCHR220-4	Roof felt/ mastic/foam Newer foam epoxy layer	NA	Roof field	Admin	Roof	10' from S. wall, 20' from E. edge	ND

SGS FORENSIC LABORATORIES

Final Report

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
PO Box 2537

Tehachapi, CA 93561

Client ID: L1206
Report Number: B299519
Date Received: 02/05/20
Date Analyzed: 02/10/20
Date Printed: 02/10/20
First Reported: 02/10/20

Job ID/Site: NMCMR220; Costa Mesa HS

Date(s) Collected: 02/05/2020

SGSFL Job ID: L1206
Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
NMCMR220 1	51322915						
Layer: Black Tar			**ND**				
Layer: Black Felt		Chrysotile	**75 %**				
Layer: Black Tar			**ND**				
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material w/ Stones			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (5%)**					
Cellulose (5 %) Fibrous Glass (Trace)							
NMCMR220 2	51322916						
Layer: Black Tars			**ND**				
Layer: Black Felts		Chrysotile	**75 %**				
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material w/ Stones			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (8%)**					
Cellulose (5 %) Fibrous Glass (Trace)							
NMCMR220 3	51322917						
Layer: Black Tar			**ND**				
Layer: Black Felt		Chrysotile	**75 %**				
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material w/ Stones			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (5%)**					
Cellulose (5 %) Fibrous Glass (Trace)							
NMCMR220 4	51322918						
Layer: Black Tar with Stones			**ND**				
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material w/ Stones			**ND**				
Layer: Yellow Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (3 %)							

2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-8684

Report Number: B299519
Client Name: Environmental Assistance Group **Date Printed:** 02/10/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer



Tiffani Ludd, Laboratory Supervisor, Rancho Dominguez 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.

2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-8684

Forensic Analytical Laboratories, Inc.

Analysis Request Form (COC)

Client Name & Address: Environmental Assistance Group, PO Box 2537, Tehachapi CA 93581 — Client No.: L1206	PO / Job#: NHCMR220 — Date: 2-5-20
	Turn Around Time: Same Day / 1Day / 2Day / (3Day) / 4Day / 5Day
	❒ PCM: ❒ NIOSH 7400A / ❒ NIOSH 7400B ❒ Rotometer
	~~❒~~ PLM: ~~☒~~ Standard / ❒ Point Count 400 - 1000 / ❒ CARB 435
Contact: Ed Kennedy	❒ TEM Air: ❒ AHERA / ❒ Yamate2 / ❒ NIOSH 7402
Phone: Office: 661-822-8762 Cell: 661-304-8981 — Fax: 661-822-8762	❒ TEM Bulk: ❒ Quantitative / ❒ Qualitative / ❒ Chatfield ❒ TEM Water: ❒ Potable / ❒ Non-Potable / ❒ Weight % ❒ TEM Microvac: ❒ Qual(+/-) / ❒ D5755(str/area) / ❒ D5756(str/mass)
E-mail: comply@HazTrainer.com	❒ IAQ Particle Identification (PLM LAB) ❒ PLM Opaques/Soot ❒ Particle Identification (TEM LAB) ❒ Special Project
Technician: Eldwin Kennedy CAC # 93-1429 CLP # 4092	❒ Metals Analysis: Method: Matrix: Analytes:
Site Location: Costa Mesa HS.	
Comments:	Report Via: ❒ Fax X❒ E-Mail ❒ Verbal

HA	Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg. LPM	Total Time	Sample Area / Air Volume
	NHCMR220 1	2-5-20		A P C				
	2			A P C				
	3			A P C				
	4			A P C				
				A P C				
				A P C				
				A P C				
				A P C				
				A P C				
				A P C				

Sampled By: Eldwin Kennedy EL Date: Time:

Shipped Via: ❒ Fed Ex ❒ DHL ❒ UPS ❒ US Mail ❒ Courier X❒ Drop Off ❒ Other:

Relinquished By: Eldwin Kennedy EL Date / Time: 2-5-20 11.00A	Relinquished By: Date / Time:	Relinquished By: Date / Time:
Received By: Date / Time: 2.05.20 11:30am Condition Acceptable? ~~❒~~ Yes ❒ No	Received By: Date / Time: Condition Acceptable? ❒ Yes ❒ No	Received By: Date / Time: Condition Acceptable? ❒ Yes ❒ No

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545-2761 / Ph: (510)887-8828 * (800)827-3274 / Fax: (510)887-4218
Los Angeles Office: 2959 Pacific Commerce Drive, Rancho Dominguez, California 90221 / Ph: (310)763-2374 * (888)813-9417 / Fax: (310)763-4450
Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Ph: (702)784-0040 / Fax: (702)784-0030