



California * Arizona * Nevada * Colorado

February 24, 2020

Solana Beach School District
309 N. Rios Avenue
Solana Beach, CA 92075
Attn: Brad Mason

Re: Asbestos Bulk Sample Results – SBSB - CDC, Rooms: 11, 12, & 13

Western Environmental Services, LLC (WES) collected bulk samples of suspect asbestos containing material from CDC, Rooms: 11, 12, & 13 located at 309 N. Rios Avenue in Solana Beach, California. The samples were collected on February 20, 2020 and analyzed for asbestos content by EMSL Analytical, Inc., a NVLAP accredited laboratory in San Diego, CA.

As directed, the sampling was limited to the materials that were affected by the loss and are scheduled to be disturbed and/or removed during remediation activities. Materials in other locations of the building were not sampled. Samples of suspect asbestos containing linoleum flooring, glue, vinyl wall coverings, plaster, and skim coat from Rooms 11, 12, & 13 were submitted for asbestos analysis in accordance with procedures described in Appendix A, “Interim Method for the Determination of Asbestiform Minerals in Bulk Insulation Samples”, published in 40 CFR Ch. I (7-1-91 edition) Pt. 763, Subpart F App. A, pages 293 – 299. This procedure involves examination of the samples with a petrographic microscope utilizing polarized light, a procedure commonly known as Polarized Light Microscopy (PLM).

Sample results are attached and indicate that no asbestos was identified in any of the samples collected.

Appropriate federal, state, and local rules and regulations must be followed when disturbing asbestos containing material. WES is not responsible for the conclusions, opinions, or recommendations made by others based on this information. If you have any questions regarding this report or need additional information, please do not hesitate to contact me at (619) 287-3986.

Respectfully submitted,

Anthony Terrell

DOSH – Certified Site Surveillance Technician #17-5952 Exp. 8/16/20
CDPH – Certified Lead Inspector/Assessor #24203 Exp. 8/9/20
Council-Certified Microbial Consultant (CMC)

George H. Robinson, BS, MS, CIAQC, CIEC
Senior Partner / Principal Industrial Hygienist
Council-certified Indoor Air Quality Consultant
Council-certified Indoor Environmental Consultant
(American Council for Accredited Certification)
DOSH – Certified Asbestos Consultant #17-6044 Exp. 10/18/20
CDPH-Certified Lead Inspector Assessor #24202 Exp. 4/21/20

Laboratory Report

(Two Pages)



EMSL Analytical, Inc.

7916 Convoy Court, Building 4, Suite A San Diego, CA 92111

Tel/Fax: (858) 499-1303 / (858) 499-1304

<http://www.EMSL.com> / sandiegolab@emsl.com

EMSL Order: 432001762

Customer ID: GROB72

Customer PO:

Project ID:

Attention: George Robinson
Western Environmental Services, LLC
4614 Mataro Drive
San Diego, CA 92115

Phone: (619) 287-3986

Fax:

Received Date: 02/21/2020 1:35 PM

Analysis Date: 02/22/2020

Collected Date: 02/20/2020

Project: A200204/SBSD-CDC Rooms 11, 12 ,13

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 432001762-0001	Room 12 reading area under carpet-Linoleum/Gray / Spotted	Gray Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
HA: 001					
2-Linoleum 1 432001762-0002	Room 12-Linoleum/Gray / Spotted	Brown Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
HA: 002					
2-Linoleum 2 432001762-0002A	Room 12-Linoleum/Gray / Spotted	Gray/Blue Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
HA: 002					
3 432001762-0003	Room 13 reading area-GLue Adhesive/Clear / Smooth	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 003					
4-Vinyl Wall Covering 432001762-0004	Laundry room/ bathroom Vinyl Wall Coverings/Beige / Squares	Tan Non-Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
HA: 004					
4-Plaster 432001762-0004A	Laundry room/ bathroom Vinyl Wall Coverings/Beige / Squares	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 004					
5 432001762-0005	Room 11, laundry room and bathroom-linoleum/White / Speckled	White/Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
HA: 005					
6-Skim Coat 432001762-0006	Room 13 south wall-Plaster/Yellow / Rough	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					
6-Plaster 432001762-0006A	Room 13 south wall-Plaster/Yellow / Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					
7-Skim Coat 432001762-0007	Room 12 south wall-Plaster/Yellow / Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					
7-Plaster 432001762-0007A	Room 12 south wall-Plaster/Yellow / Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					

Initial report from: 02/24/2020 15:41:08



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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
8-Skim Coat 432001762-0008	Room 11 bathroom East wall- -Plaster/Yellow / Rough	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					
8-Plaster 432001762-0008A	Room 11 bathroom East wall- -Plaster/Yellow / Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: 006					

Analyst(s)

Liduvina Delgadillo (13)

Mariah Curran, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713, HI L-09-03

Initial report from: 02/24/2020 15:41:08