

# Addendum 3



## Asbestos Inspection Report

**Site:**

Rowland High School (room M-1)  
2000 S Otterbein Ave  
Rowland Heights, CA 91748

**Prepared for:**

Rowland USD  
1830 Nogales Street  
Rowland Heights, CA 91748

Date: August 8, 2022



**Cardinal Environmental Consultants Inc.**

2681 Dow Avenue Suite C-1  
Tustin, California 92780  
Phone: (714) 730-5931  
Fax: (714) 730-1697

Date: August 8, 2022

Owner/Client: Rowland USD  
1830 Nogales Street  
Rowland Heights, CA 91748

Site Address: Rowland High School (*Room M-1*)  
2000 S Otterbein Ave  
Rowland Heights, CA 91748

Subject: Limited Asbestos Inspection Report (*Room M-1*)

Cardinal Environmental Consultants conducted a pre-renovation limited asbestos survey of the above-mentioned address. The structure is a room located within Rowland high School. This survey is a limited asbestos survey that only tested suspect materials of renovation areas. All suspect materials in the path of construction were sampled in accordance with local and federal regulations. Sampling methodology, laboratory reports and recommendations can be found on subsequent pages of this report.

**Regulatory Compliance**

On August 5<sup>th</sup>, 2022, Cardinal Environmental Consultants Inc conducted a limited asbestos survey of room M-1 at Rowland High School. The survey was completed in compliance with the federal AHERA (Asbestos Hazard Emergency Response Act) 40 CFR Part 763 subpart E. The Act indicates procedures for sampling and reporting of asbestos information. Ronald R McDaniel (CAC 01-2865) conducted this survey.

Adherence to NESHAP (National Emission Standard for Hazardous Air Pollutants) has been achieved with compliance to South Coast Air Quality Management District's Rule 1403. SCAQMD is the local air quality district that regulates and monitors asbestos abatement activity in the region of the project.

## Sampling Methodology - Asbestos

Cardinal Environmental Consultants Inc. used several procedures from visual assessments to tactile assessments and a modified random sampling protocol to collect the samples of the suspect asbestos containing material. Cardinal's sampling procedures incorporate the use of plastic Ziploc bags, labeled with black permanent markers per a unique numbering sequence. One label with the suspect samples collected for this report was given a unique sample identification number. A second description was placed on the bulk sample log. Information about the sample, including the sample type and location was noted on the sheet as each sample was collected.

Asbestos: Any building material which contains asbestos in an amount greater than 1% by weight, area.

<1% Asbestos: Federal regulations and SCAQMD (South Coast Air Quality Management District) do not regulate asbestos at this percentage. Notifications to these agencies do not apply. However, OSHA regulations do apply. These are specific to "worker protection" issues. A contractor who is "DOSH certified" is required if removing more than a 100 square feet. Federal and State regulations do not regulate the disposal of this type of construction debris with this level of asbestos. However, your local landfill may have a "zero tolerance" for any asbestos containing debris.

## Suspect Asbestos-Containing Materials

Samples of suspect Asbestos-containing materials were from room M-1. We were able to collect representative samples of all specified building materials.

The following materials were tested:

- 1x1 Ceiling Tile
- Plaster
- Cove Base & Mastic
- Terrazzo Tile
- HVAC Wrap

## Results

All samples were packaged and shipped to EmLab P&K LLC (NVLAP 200757-0) 17461 Derian Ave Ste 100, Irvine, CA 92614 (866) 465-6653. The analysis procedure used to determine the presence of asbestos is outlined in the Code of Federal Regulations 40 CFR part 763, Section 1, Appendix A, Polarized Light Microscopy.

The following tables depict the asbestos at the site. The investigator has reviewed the results and construction of the buildings and made adjustments to the locations and the quantities based on “homogeneous areas”. AHERA can require that like areas in type, construction, and use (that test positive for asbestos) be combined with other similar areas. Therefore, some areas may not be specifically tested for asbestos but be included in an area of asbestos. Likewise, an area that has tested negative for asbestos could be included in the asbestos table because of the definition of “homogeneous area”.

>1% Asbestos Containing Material (ACM):

- **No Asbestos Found**


**Summary:**

No asbestos was found from sampled suspect materials.

Although we aggressively searched for asbestos, the contractor should be made aware of the potential of uncovering asbestos during demolition. A supervisor trained in identifying asbestos should be present at the beginning of demolition activities.

August 8<sup>th</sup>, 2022

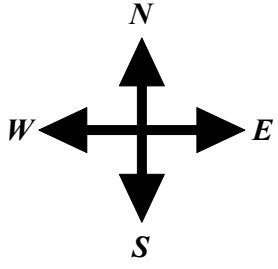
Sincerely yours,  
**CARDINAL ENVIRONMENTAL CONSULTANTS INC.,**  
**A California Corporation**

By: 

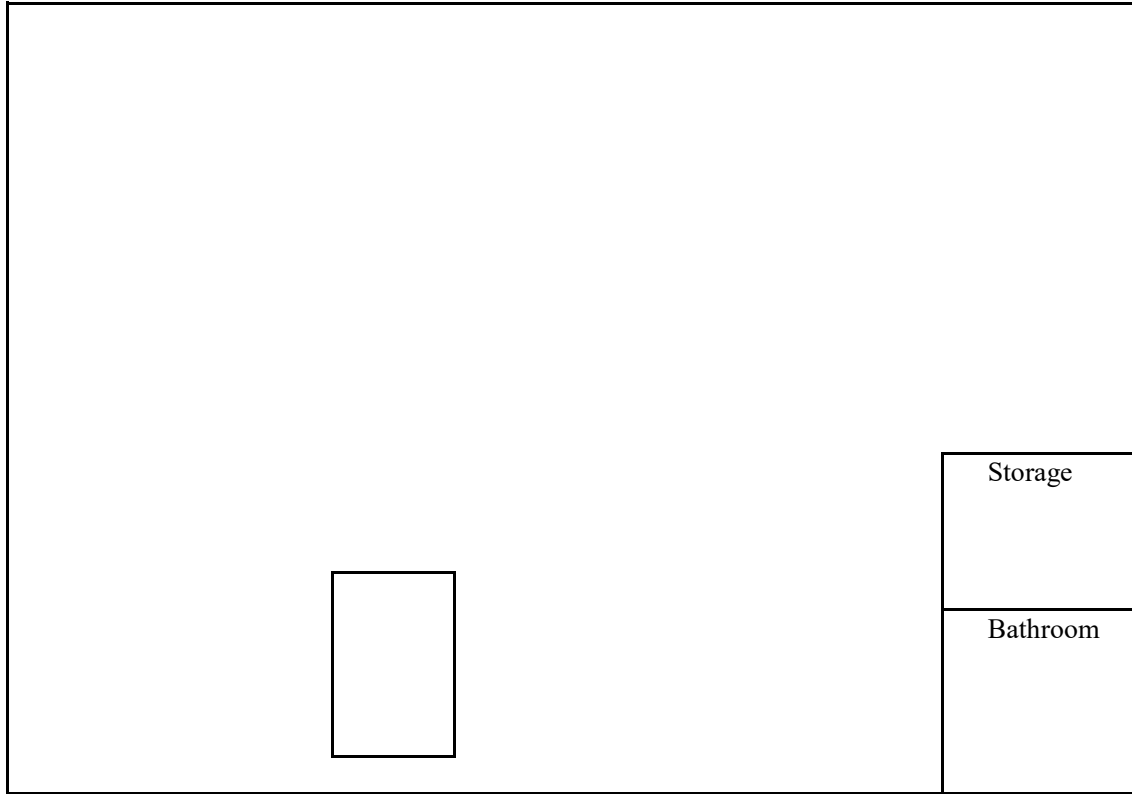
**Ronald R. McDaniel**

California Certified Asbestos Consultant #01-2865 (Expiration 03-09-22)  
CDPH Certified Lead Inspector/Assessor and Project Monitor/Designer #3599

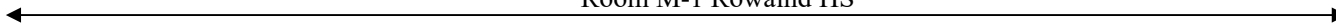
Diagram(s)



Not To Scale



Room M-1 Rowalnd HS



# Sampling Table

Date: 8/8/2022  
 Client: Rowland USD  
 Location: Rowland High School

Technician: Ronald McDaniel

Analysis: Polarized Light Microscopy  
 Type: Code of Federal Regulations  
 40 CFR part 763, Section 1,  
 Appendix A

Building #	Material	Sample #	Results	Condition	Hazard Rating	F/NF	Sample Location
Rowland HS	1x1 Ceiling Tile	RH-01	ND	Good	N/A	NF	Room M-1
Rowland HS	1x1 Ceiling Tile	RH-02	ND	Good	N/A	NF	Room M-1
Rowland HS	1x1 Ceiling Tile	RH-03	ND	Good	N/A	NF	Room M-1
Rowland HS	Cove Base & Mastic	RH-04	ND	Good	N/A	NF	Room M-1
Rowland HS	Cove Base & Mastic	RH-05	ND	Good	N/A	NF	Room M-1

ND- No Asbestos Detected  
 NF- Non-Friable  
 F- Friable



Date: 8/8/2022  
 Client: Rowland USD  
 Location: Rowland High School

Technician: Ronald McDaniel

Analysis: Polarized Light Microscopy  
 Type: Code of Federal Regulations  
 40 CFR part 763, Section 1,  
 Appendix A

Building #	Material	Sample #	Results	Condition	Hazard Rating	F/NF	Sample Location
Rowland HS	Cove Base & Mastic	RH-06	ND	Good	N/A	NF	Room M-1
Rowland HS	Plaster	RH-07	ND	Good	N/A	NF	Room M-1
Rowland HS	Plaster	RH-08	ND	Good	N/A	NF	Room M-1
Rowland HS	Plaster	RH-09	ND	Good	N/A	NF	Room M-1
Rowland HS	Terrazzo Tile	RH-10	ND	Good	N/A	NF	Room M-1

ND- No Asbestos Detected  
 NF- Non-Friable  
 F- Friable

Date: 8/8/2022  
 Client: Rowland USD  
 Location: Rowland High School

Technician: Ronald McDaniel

Analysis: Polarized Light Microscopy  
 Type: Code of Federal Regulations  
 40 CFR part 763, Section 1,  
 Appendix A

Building #	Material	Sample #	Results	Condition	Hazard Rating	F/NF	Sample Location
Rowland HS	Terrazzo Tile	RH-11	ND	Good	N/A	NF	Room M-1
Rowland HS	Terrazzo Tile	RH-12	ND	Good	N/A	NF	Room M-1
Rowland HS	HVAC Wrap	RH-13	ND	Good	N/A	NF	Room M-1
Rowland HS	HVAC Wrap	RH-14	ND	Good	N/A	NF	Room M-1
Rowland HS	HVAC Wrap	RH-15	ND	Good	N/A	NF	Room M-1

ND- No Asbestos Detected  
 NF- Non-Friable  
 F- Friable

# Laboratory Results

Report for:

**Ron McDaniel**  
**Cardinal Environmental**  
2681 Dow Avenue Ste. C1  
Tustin, CA 92780

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Regarding: Project: Rowland USD; 2000 S Otterbein  
EML ID: 2994476

Approved by:



Approved Signatory  
Danny Li

Dates of Analysis:  
Asbestos PLM: 08-04-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)  
NVLAP Lab Code 200757-0

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Cardinal Environmental  
 C/O: Ron McDaniel  
 Re: Rowland USD; 2000 S Otterbein

Date of Sampling: 08-03-2022  
 Date of Receipt: 08-04-2022  
 Date of Report: 08-04-2022

**ASBESTOS PLM REPORT**

**Total Samples Submitted:** 15  
**Total Samples Analyzed:** 15  
**Total Samples with Layer Asbestos Content > 1%:** 0

**Location: RH-01, Room M-1, 1x1 Ceiling Tile**

Lab ID-Version‡: 14409456-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
<b>Composite Non-Asbestos Content:</b>	75% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: RH-02, Room M-1, 1x1 Ceiling Tile**

Lab ID-Version‡: 14409457-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
<b>Composite Non-Asbestos Content:</b>	75% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: RH-03, Room M-1, 1x1 Ceiling Tile**

Lab ID-Version‡: 14409458-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	75% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: RH-04, Room M-1, Cove Base and Mastic**

Lab ID-Version‡: 14409459-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K 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.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Cardinal Environmental  
 C/O: Ron McDaniel  
 Re: Rowland USD; 2000 S Otterbein

Date of Sampling: 08-03-2022  
 Date of Receipt: 08-04-2022  
 Date of Report: 08-04-2022

**ASBESTOS PLM REPORT**

**Location: RH-05, Room M-1, Cove Base and Mastic**

Lab ID-Version‡: 14409460-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: RH-06, Room M-1, Cove Base and Mastic**

Lab ID-Version‡: 14409461-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: RH-07, Room M-1, Plaster**

Lab ID-Version‡: 14409462-1

Sample Layers	Asbestos Content
White Plaster	ND
Beige Plaster	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: RH-08, Room M-1, Plaster**

Lab ID-Version‡: 14409463-1

Sample Layers	Asbestos Content
White Plaster	ND
Beige Plaster	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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Client: Cardinal Environmental  
C/O: Ron McDaniel  
Re: Rowland USD; 2000 S Otterbein

Date of Sampling: 08-03-2022  
Date of Receipt: 08-04-2022  
Date of Report: 08-04-2022

**ASBESTOS PLM REPORT**

**Location: RH-09, Room M-1, Plaster**

Lab ID-Version‡: 14409464-1

Sample Layers	Asbestos Content
Beige Plaster	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: RH-10, Room M-1, Terrazo Tile**

Lab ID-Version‡: 14409465-1

Sample Layers	Asbestos Content
White Tile	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: RH-11, Room M-1, Terrazo Tile**

Lab ID-Version‡: 14409466-1

Sample Layers	Asbestos Content
White Tile	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: RH-12, Room M-1, Terrazo Tile**

Lab ID-Version‡: 14409467-1

Sample Layers	Asbestos Content
White Tile	ND
<b>Sample Composite Homogeneity:</b> Good	

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Client: Cardinal Environmental  
C/O: Ron McDaniel  
Re: Rowland USD; 2000 S Otterbein

Date of Sampling: 08-03-2022  
Date of Receipt: 08-04-2022  
Date of Report: 08-04-2022

**ASBESTOS PLM REPORT**

**Location: RH-13, Room M-1, HVAC Wrap**

Lab ID-Version‡: 14409468-1

Sample Layers	Asbestos Content
Beige Wrap	ND
<b>Composite Non-Asbestos Content:</b>	40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: RH-14, Room M-1, HVAC Wrap**

Lab ID-Version‡: 14409469-1

Sample Layers	Asbestos Content
Beige Wrap	ND
<b>Composite Non-Asbestos Content:</b>	40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: RH-15, Room M-1, HVAC Wrap**

Lab ID-Version‡: 14409470-1

Sample Layers	Asbestos Content
Beige Wrap	ND
<b>Composite Non-Asbestos Content:</b>	40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

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Lab Report Number:

002994476

# Chain Of Custody

Cardinal Environmental Consultants Inc.  
 2681 Dow Avenue Suite C-1  
 Tustin, California 92780  
 Phone: (714) 862-7541  
 Fax: (714) 730-1697

Project Name:	Rowland USD
Project Address:	2000 S Otterbein
Sampling Technician:	Ronald McDaniel
Date:	8/3/2022

**Special Instructions:** Stop at first positive

## Analysis Information

Turn Around Time:

RUSH (3 Hour)	RUSH (Same Day)	24 Hour	48 Hour	72 Hour	96 Hour
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Analysis Required:

PLM	PCM	TEM	1000 Point Count	Lead Wipe	Lead Waste Characterization
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## Sampling Information

Sample Number	Sample Type	Location	Material
RH-01	BULK	Room M-1	1x1 Ceiling Tile
RH-02	BULK	Room M-1	1x1 Ceiling Tile
RH-03	BULK	Room M-1	1x1 Ceiling Tile
RH-04	BULK	Room M-1	Cove Base & Mastic
RH-05	BULK	Room M-1	Cove Base & Mastic
RH-06	BULK	Room M-1	Cove Base & Mastic
RH-07	BULK	Room M-1	Plaster
RH-08	BULK	Room M-1	Plaster
RH-09	BULK	Room M-1	Plaster
RH-10	BULK	Room M-1	Terrazo Tile
RH-11	BULK	Room M-1	Terrazo Tile
RH-12	BULK	Room M-1	Terrazo Tile
RH-13	BULK	Room M-1	HVAC Wrap
RH-14	BULK	Room M-1	HVAC Wrap
RH-15	BULK	Room M-1	HVAC Wrap

Relinquished By: Ronald McDaniel  
 Received By:

J. YANG

Date Relinquished: 8/4/22  
 Date Received: 8/4/22  
 11am

Kade@cardinalenvironmental.org