



September 16, 2021

Mr. Emil Lauzzana  
Executive Director, Capital Projects  
Ann Arbor Public Schools  
2555 South State Street  
Ann Arbor, Michigan 48104

RE: Summary of Asbestos Bulk Sample Results  
Community High School

Dear Mr. Lauzzana:

Attached is a summary results of multiple wall and ceiling plaster bulk sample activities completed at Community High School in 2018, 2019 and 2020. All samples were collected by State of Michigan accredited asbestos inspectors and analyzed by an independent third-party laboratory with NVLAP accreditation. The samples were analyzed utilizing Polarized Light Microscopy (PLM), according to the EPA-600/M4-82-020 Interim Method.

Samples were collected from hard plaster ceilings and walls, as well as "popcorn" ceilings, including materials with multiple layers. All samples were analyzed as "No Asbestos Observed". Official laboratory results are attached. A copy of all of the bulk sample results from these sampling activities can be found in the AHERA Management Plan.

If you have any questions regarding this report, or if I can be of further assistance, please feel free to contact me at (248) 426-0165.

Sincerely,

**Arch Environmental Group, Inc.**  
Environmental Services

A handwritten signature in black ink, appearing to read 'R. Austin, III', with a stylized flourish at the end.

Roosevelt Austin, III  
Manager, healthAIR

Attachments: Asbestos Bulk Sample Analysis Report  
Official Laboratory Sample Results



## ASBESTOS BULK SAMPLE ANALYSIS RESULTS

Sample #	HA Description	Sample Location	Date Collected	Results
001A	Troweled-On	Room 300	March 12, 2018	No Asbestos Observed
001B	Troweled-On	Room 300	March 12, 2018	No Asbestos Observed
001C	Troweled-On	Room 300	March 12, 2018	No Asbestos Observed
CHS - 01A	Troweled-On Popcorn Ceiling	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01B	Troweled-On Popcorn Ceiling	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01C	Troweled-On Popcorn Ceiling	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03A	Smooth Plaster Wall Finish Coat	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03A	Plaster Brown Coat	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03B	Smooth Plaster Wall Finish Coat	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03B	Plaster Brown Coat	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03C	Smooth Plaster Wall Finish Coat	Cafeteria	June 21, 2019	No Asbestos Observed
CHS - 01/03C	Plaster Brown Coat	Cafeteria	June 21, 2019	No Asbestos Observed
AE200777-001A	Plaster Wall Smooth Finish Coat	3 <sup>rd</sup> Floor South Hallway	November 12, 2020	No Asbestos Observed
AE200777-001A	Plaster Base Coat	3 <sup>rd</sup> Floor South Hallway	November 12, 2020	No Asbestos Observed
AE200777-001B	Plaster Wall Smooth Finish Coat	Room 306	November 12, 2020	No Asbestos Observed
AE200777-001B	Plaster Base Coat	Room 306	November 12, 2020	No Asbestos Observed
AE200777-001C	Plaster Wall Smooth Finish Coat	Custodial across from Room 203	November 12, 2020	No Asbestos Observed
AE200777-001C	Plaster Base Coat	Custodial across from Room 203	November 12, 2020	No Asbestos Observed
AE200777-001D	Plaster Wall Smooth Finish Coat	Kiln Room	November 12, 2020	No Asbestos Observed
AE200777-001D	Plaster Base Coat	Kiln Room	November 12, 2020	No Asbestos Observed
AE200777-001E	Plaster Wall Smooth Finish Coat	Room 128 Boiler/Fan Room	November 12, 2020	No Asbestos Observed
AE200777-001E	Plaster Base Coat	Room 128 Boiler/Fan Room	November 12, 2020	No Asbestos Observed
AE200777-008A	Hard Plaster Ceiling Smooth Finish Coat	Room 317 – Storage	November 12, 2020	No Asbestos Observed
AE200777-008A	Plaster Base Coat	Room 317 – Storage	November 12, 2020	No Asbestos Observed
AE200777-008B	Hard Plaster Ceiling Smooth Finish Coat	2 <sup>nd</sup> Floor Women’s Restroom	November 12, 2020	No Asbestos Observed
AE200777-008B	Plaster Base Coat	2 <sup>nd</sup> Floor Women’s Restroom	November 12, 2020	No Asbestos Observed
AE200777-008C	Hard Plaster Ceiling Smooth Finish Coat	Custodial Closet across from Room 203	November 12, 2020	No Asbestos Observed
AE200777-008C	Plaster Base Coat	Custodial Closet across from Room 203	November 12, 2020	No Asbestos Observed
AE200777-008D	Hard Plaster Ceiling Smooth Finish Coat	Room 110	November 12, 2020	No Asbestos Observed
AE200777-008D	Plaster Base Coat	Room 110	November 12, 2020	No Asbestos Observed
AE200777-008E	Hard Plaster Ceiling Smooth Finish Coat	Room 108 - Restroom	November 12, 2020	No Asbestos Observed
AE200777-008E	Plaster Base Coat	Room 108 - Restroom	November 12, 2020	No Asbestos Observed

Official Laboratory Results are attached.

Asbestos-Containing Materials (ACM) means “Any material or product which contains more than 1% asbestos” (40 CFR 763.83)



# Certificate of Laboratory Analysis

## Test Method, Polarized Light Microscopy (PLM)

Project: Community High School  
Project # AE180275

**Report To:**

Mr. Gary Bosh  
Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 18-75515  
Date Collected: 03/12/18  
Date Received: 03/12/18  
Date Analyzed: 03/13/18  
Date Reported: 03/13/18

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 75515 - 01 Cust. #: 001A Material: Trowelled On Location: Room 300 Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 10% Other - 90%
Lab ID #: 75515 - 02 Cust. #: 001B Material: Trowelled On Location: Room 300 Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 10% Other - 90%
Lab ID #: 75515 - 03 Cust. #: 001C Material: Trowelled On Location: Room 300 Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 10% Other - 90%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples tested and to insure the integrity of the results, may only be reproduced in full. This certificate may not be used by the customer to claim product endorsement by NVLAP or any agency of the US Government. APEX Research Inc. is not responsible for the accuracy of the results for layered samples or samples comprising multiple materials. Liability limited to cost of analysis.



NVLAP Lab Code 102118-0

# Certificate of Laboratory Analysis

## Test Method, Polarized Light Microscopy (PLM)



Project : AAPS- Community HS  
Project # : AE190523

**Report To:**

Mr. Phil Grosse, Mr. Roosevelt Austin  
Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 19-84756  
Date Collected: 06/21/19  
Date Received: 06/21/19  
Date Analyzed: 06/24/19  
Date Reported: 06/24/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84756 - 01 Cust. #: CHS-01A Material: Troweled on Popcorn Ceiling Location: Cafeteria Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 5% Other - 95%
Lab ID #: 84756 - 02 Cust. #: CHS-01B Material: Troweled on Popcorn Ceiling Location: Cafeteria Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 5% Other - 95%
Lab ID #: 84756 - 03 Cust. #: CHS-01C Material: Troweled on Popcorn Ceiling Location: Cafeteria Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 5% Other - 95%

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## Test Method, Polarized Light Microscopy (PLM)



Project : AAPS- Community HS  
Project # : AE190523

**Report To:**

Mr. Phil Grosse, Mr. Roosevelt Austin  
Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 19-84756  
Date Collected: 06/21/19  
Date Received: 06/21/19  
Date Analyzed: 06/24/19  
Date Reported: 06/24/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84756 - 04 Cust. #: CHS-02/03A Material: Smooth Plaster Wall Finish Coat Location: Cafeteria Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 84756 - 04a Cust. #: CHS-02/03A Material: Plaster Brown Coat Location: Cafeteria Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 84756 - 05 Cust. #: CHS-02/03B Material: Smooth Plaster Wall Finish Coat Location: Cafeteria Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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## Test Method, Polarized Light Microscopy (PLM)



Project : AAPS- Community HS  
Project # : AE190523

**Report To:**

Mr. Phil Grosse, Mr. Roosevelt Austin  
Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 19-84756  
Date Collected: 06/21/19  
Date Received: 06/21/19  
Date Analyzed: 06/24/19  
Date Reported: 06/24/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84756 - 05a Cust. #: CHS-02/03B Material: Plaster Brown Coat Location: Cafeteria Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 84756 - 06 Cust. #: CHS-02/03C Material: Smooth Plaster Wall Finish Coat Location: Cafeteria Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 84756 - 06a Cust. #: CHS-02/03C Material: Plaster Brown Coat Location: Cafeteria Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Other - 99%

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Robert T. Letarte Jr., Laboratory Director

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# Certificate of Laboratory Analysis

## Test Method, Polarized Light Microscopy (PLM)



Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 01 Cust. #: AE200777-001A Material: Plaster Wall Smooth Finish Coat Location: 3rd Fl S. Hallway Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 01a Cust. #: AE200777-001A Material: Plaster Base Coat Location: 3rd Fl S. Hallway Appearance: grey, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 02 Cust. #: AE200777-001B Material: Plaster Wall Smooth Finish Coat Location: Room 306 Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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## Test Method, Polarized Light Microscopy (PLM)



Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 02a Cust. #: AE200777-001B Material: Plaster Base Coat Location: Room 306 Appearance: brown,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 92139 - 03 Cust. #: AE200777-001C Material: Plaster Wall Smooth Finish Coat Location: Custodial Across Room 203 Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 03a Cust. #: AE200777-001C Material: Plaster Base Coat Location: Custodial Across Room 203 Appearance: brown,fibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 2% Other - 98%

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Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 04 Cust. #: AE200777-001D Material: Plaster Wall Smooth Finish Coat Location: Kiln Room Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 04a Cust. #: AE200777-001D Material: Plaster Base Coat Location: Kiln Room Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 2% Hair - 1% Other - 97%
Lab ID #: 92139 - 05 Cust. #: AE200777-001E Material: Plaster Wall Smooth Finish Coat Location: Room 128 Boiler/Fan Room Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Project : AAPS- Community HS  
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ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 05a Cust. #: AE200777-001E Material: Plaster Base Coat Location: Room 128 Boiler/Fan Room Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 92139 - 06 Cust. #: AE200777-002A Material: FT, 12"x12", Dk Grey Mottled Location: 3rd Fl South Hallway Appearance: grey, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 06a Cust. #: AE200777-002A Material: Mastic Location: 3rd Fl South Hallway Appearance: black, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 18 Cust. #: AE200777-008A Material: Hard Plaster Ceiling Smooth Finish Coat Location: Room 317- Storage Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 18a Cust. #: AE200777-008A Material: Plaster Base Coat Location: Room 317- Storage Appearance: brown,fibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Hair - 5% Other - 94%
Lab ID #: 92139 - 19 Cust. #: AE200777-008B Material: Hard Plaster Ceiling Smooth Finish Coat Location: 2nd Fl Women's Restroom Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Project : AAPS- Community HS  
Project # :AE200777

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37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 19a Cust. #: AE200777-008B Material: Plaster Base Coat Location: 2nd Fl Women's Restroom Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Hair - 2% Other - 97%
Lab ID #: 92139 - 20 Cust. #: AE200777-008C Material: Hard Plaster Ceiling Smooth Finish Coat Location: Custodial Across Room 203 Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 20a Cust. #: AE200777-008C Material: Plaster Base Coat Location: Custodial Across Room 203 Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 1% Hair - 2% Other - 97%

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Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 21 Cust. #: AE200777-008D Material: Hard Plaster Ceiling Smooth Finish Coat Location: Room 110 Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 21a Cust. #: AE200777-008D Material: Plaster Base Coat Location: Room 110 Appearance: brown,fibrous,homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 92139 - 22 Cust. #: AE200777-008E Material: Hard Plaster Ceiling Smooth Finish Coat Location: Room 108- Restroom Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Project : AAPS- Community HS  
Project # : AE200777

**Report To:**

Arch Environmental Group  
37720 Interchange Drive  
Farmington Hills, MI 48335

ARI Report # 20-92139  
Date Collected: 11/12/20  
Date Received: 11/12/20  
Date Analyzed: 11/13/20  
Date Reported: 11/13/20

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 92139 - 22a Cust. #: AE200777-008E Material: Plaster Base Coat Location: Room 108- Restroom Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 5% Other - 95%
Lab ID #: 92139 - 23 Cust. #: AE200777-009A Material: Cove Base, 6" White Location: Room 137- Office Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 92139 - 23a Cust. #: AE200777-009A Material: Adhesive Location: Room 137- Office Appearance: yellow, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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