



### Marine Chemist Service, Inc.

11850 TUG BOAT LANE  
NEWPORT NEWS, VA 23606-2527  
TEL: (757) 873-0933 · NORFOLK (757) 640-1122  
FAX: (757) 873-1074 · NORFOLK (757) 625-5696  
[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143975  
**Report Date:** 09/12/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/30/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 07/31/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 09/03/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                       | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|------------------------------------------------------|--------------------------|------------------|-----------------------------|----------------------------|------|
| 0143975-097<br>MH-299             | Elevator Hall by Elevator 12" Floor Tile,<br>Mastic  |                          |                  |                             |                            |      |
|                                   | Floor Tile, Gray                                     | LAYER 1<br>80%           | None Detected    |                             | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige                                        | LAYER 2<br>20%           | None Detected    |                             | Cellulose Fiber            | 5%   |
|                                   |                                                      |                          |                  |                             | Non-Fibrous Material       | 95%  |
| <b>Asbestos Present:</b> No       |                                                      | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                            |      |
| 0143975-098<br>MH-300             | Elevator Hall Across 224 12" Floor Tile,<br>Mastic   |                          |                  |                             |                            |      |
|                                   | Floor Tile, Gray                                     | LAYER 1<br>90%           | None Detected    |                             | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige                                        | LAYER 2<br>10%           | None Detected    |                             | Cellulose Fiber            | 5%   |
|                                   |                                                      |                          |                  |                             | Non-Fibrous Material       | 95%  |
| <b>Asbestos Present:</b> No       |                                                      | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                            |      |
| 0143975-099<br>MH-301             | Elevator Hall Corner 12" Floor Tile, No<br>Adhesives |                          |                  |                             |                            |      |
|                                   | Floor Tile, Gray                                     | LAYER 1<br>90%           | None Detected    |                             | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige                                        | LAYER 2<br>10%           | None Detected    |                             | Cellulose Fiber            | 10%  |
|                                   |                                                      |                          |                  |                             | Non-Fibrous Material       | 90%  |
| <b>Asbestos Present:</b> No       |                                                      | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                            |      |



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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| Credentials            | Agency        | Scope                                 |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143975  
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**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/30/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 07/31/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 09/03/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                   | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|------------------------------------------------------------------|--------------------------|-----------------------------|-----|----------------------------|------|
| 0143975-100<br>MH-302             | Outside Room 200 Patch 12" Floor Tile,<br>Adhesive               |                          |                             |     |                            |      |
|                                   | Floor Tile, Black                                                | LAYER 1<br>70%           | None Detected               |     | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige                                                    | LAYER 2<br>10%           | None Detected               |     | Cellulose Fiber            | 20%  |
|                                   |                                                                  |                          |                             |     | Non-Fibrous Material       | 80%  |
|                                   | Flooring Material, Gray                                          | LAYER 3<br>20%           | None Detected               |     | Cellulose Fiber            | 10%  |
|                                   |                                                                  |                          |                             |     | Non-Fibrous Material       | 90%  |
|                                   | <b>Asbestos Present:</b> No                                      | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                            |      |
| 0143975-101<br>MH-303             | Student Activities 2 12" Floor Tile, Mastic<br>Floor Tile, Beige | LAYER 1<br>80%           | Chrysotile                  | 2%  | Non-Fibrous Material       | 98%  |
|                                   | Mastic, Black                                                    | LAYER 2<br>20%           | Chrysotile                  | 10% | Cellulose Fiber            | 10%  |
|                                   |                                                                  |                          |                             |     | Non-Fibrous Material       | 80%  |
|                                   | <b>Asbestos Present:</b> Yes                                     | <b>Total % Asbestos:</b> | <b>4%</b>                   |     |                            |      |





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|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
|                        |               | Lead and Copper: Drinking Water       |
| Virginia Laboratory    | DGS - DPOR    | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                  | Layer No.<br>Layer %     | Asbestos<br>Type | (%)       | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|---------------------------------------------------------------------------------|--------------------------|------------------|-----------|-----------------------------------------|------------|
| 0143975-102<br>MH-304             | Room 219 12" Floor Tile, Mastic<br>Floor Tile, Beige                            | LAYER 1<br>90%           | Chrysotile       | 3%        | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                                   | LAYER 2<br>10%           | Chrysotile       | 10%       | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>85%  |
|                                   | <b>Asbestos Present: Yes</b>                                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                                         |            |
| 0143975-103<br>MH-305             | Room 224 12" Floor Tile, Mastic<br>Floor Tile, Beige and Brown                  | LAYER 1<br>60%           | Chrysotile       | 3%        | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                                   | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>80% |
|                                   | Flooring Material, Gray                                                         | LAYER 3<br>20%           | None Detected    |           | Non-Fibrous Material                    | 100%       |
|                                   | <b>Asbestos Present: Yes</b>                                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                                         |            |
| 0143975-104<br>MH-306             | Room 204 Back Left 12" Floor Tile, Mastic<br>Floor Tile, Green, Beige and Brown | LAYER 1<br>80%           | Chrysotile       | 3%        | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                                   | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>80% |
|                                   | <b>Asbestos Present: Yes</b>                                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                                         |            |



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|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

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## REPORT OF ANALYSIS

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|-----------------------------------|------------------------------------|--------------------------|------------------|-----------|----------------------------|-----|
| 0143975-105<br>MH-307             | Room 223 12" Floor Tile, Mastic    |                          |                  |           |                            |     |
|                                   | Floor Tile, Green and Beige        | LAYER 1<br>80%           | Chrysotile       | 3%        | Non-Fibrous Material       | 97% |
|                                   | Mastic, Black                      | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber            | 10% |
|                                   |                                    |                          |                  |           | Non-Fibrous Material       | 80% |
| <b>Asbestos Present: Yes</b>      |                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                            |     |
| 0143975-106<br>MH-308             | Room 204 12" Floor Tile, Mastic    |                          |                  |           |                            |     |
|                                   | Floor Tile, Green, Beige and Brown | LAYER 1<br>80%           | Chrysotile       | 3%        | Non-Fibrous Material       | 97% |
|                                   | Mastic, Black                      | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber            | 5%  |
|                                   |                                    |                          |                  |           | Non-Fibrous Material       | 85% |
| <b>Asbestos Present: Yes</b>      |                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                            |     |



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## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description | Layer No.<br>Layer % | Asbestos<br>Type | (%) | Non-Asbestos<br>Components | (%) |
|-----------------------------------|--------------------------------|----------------------|------------------|-----|----------------------------|-----|
|-----------------------------------|--------------------------------|----------------------|------------------|-----|----------------------------|-----|

*Mary Helen Scott*  
**Analyst -** Mary Helen Scott

*Mary Helen Scott*  
**Approved Signatory -** Mary Helen Scott  
Laboratory Supervisor

Method Detection Limit: = <1%

- \* Fiber concentrations were determined by visually estimating the area percentage for each type.
- \* Asbestos fibers may not be detected by PLM in certain samples because of their size (<5um) or being bound with non-friable organic matrix. In such cases an alternative method of analysis may be necessary.
- \* Analyzed only readily discernable layers.
- \* All laboratory test results meet the applicable quality control requirements unless otherwise mentioned.
- \* MCS, Inc. can not attest to nor be held responsible for the proper collection of samples and/or accuracy of the sample information provided by customers for samples not collected by MCS, Inc.
- \* Test report relates only to the items tested.
- \* The samples will be stored at the MCS, Inc. laboratory for a period of thirty days after the analysis. At the end of the period, it will be our policy to dispose of the samples unless prior arrangements have been made for a longer storage period.
- \* This report shall not be reproduced, except in full, without the written approval of this laboratory.
- \* The Report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
- \* The Report includes Chain of Custody.





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www.MarineChemist.com

Customer: Newport News Public Schools

Address: 761 Hogan Dr Newport News VA 23606

Email: pennie.boyack@nn.k12.va.us

Attention: Pennie Boyack

Phone: 5031192

Fax: \_\_\_\_\_

MCS Job #: 24-0855

Customer PO: \_\_\_\_\_

## BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School Upstairs

### MCS Use Only

Special Instructions: \_\_\_\_\_

MCS Project Manager: \_\_\_\_\_

DO NOT MAIL

Give Report To: \_\_\_\_\_

Email: \_\_\_\_\_

@

MCS Lab Report No.

0143975 LB 7-31-24

Samples Acceptable to Lab

☒ Yes

No By \_\_\_\_\_

Date \_\_\_\_\_

If "No" Reason \_\_\_\_\_

Requested Turnaround Time (markup)

- ☒ Building Material  
☐ Paint  
☐ Soil  
☐ Other \_\_\_\_\_

- ☐ Same Day (100%)  
☐ 1-Day (75%)  
☐ 2-Day (50%)  
☐ 3-Day (25%)  
☐ 4-Day (12.5%)  
☒ 5-Day (standard)

RESULTS DUE BY: \_\_\_\_\_

ANALYSIS: PLM

| Field ID | Sample Location       | Sample Description                     | MCS Sample No. |
|----------|-----------------------|----------------------------------------|----------------|
| example  | room or area          | size / color / material                | lab use only   |
| MH-203   | Hall at Corner        | Return Pipe Insulation pink and Yellow | 0143975 - 001  |
| MH-204   | Hall at Corner        | Supply Pipe Insulation pink and Yellow | 0143975 - 002  |
| MH-205   | Hall at 213           | Return Pipe Insulation                 | 0143975 - 003  |
| MH-206   | Hall at 213           | Supply Pipe Insulation                 | 0143975 - 004  |
| MH-207   | Hall at 213           | HVAC Insulation                        | 0143975 - 005  |
| MH-208   | Hall across custodial | HVAC gray mastic                       | 0143975 - 006  |
| MH-209   | Hall near custodial   | HVAC gray mastic                       | 0143975 - 007  |
| MH-210   | Custodial Room        | Plaster Ceiling                        | 0143975 - 008  |
| MH-211   | Mens Room West        | Plaster ceiling                        | 0143975 - 009  |
| MH-212   | Mens Room East        | Plaster Ceiling                        | 0143975 - 010  |
| MH-213   | Hall at 214 200       | Supply Pipe Insulation                 | 0143975 - 011  |
| MH-214   | Hall at 214 200       | Return Pipe Insulation                 | 0143975 - 012  |
| MH-215   | Hall at 214 200       | HVAC Insulation                        | 0143975 - 013  |
| MH-216   | Hall 205A             | Supply Pipe Insulation                 | 0143975 - 014  |
| MH-217   | Hall 205A             | Return Pipe Insulation                 | 0143975 - 015  |
| MH-218   | Hall 205A             | HVAC Insulation                        | 0143975 - 016  |
| MH-219   | Hall at 205A          | Ceiling Plaster                        | 0143975 - 017  |
| MH-220   | Hall at 205A          | Old loose Yellow Insulation            | 0143975 - 018  |
| MH-221   | Hall at 210           | Plaster above HVAC                     | 0143975 - 019  |
| MH-222   | Hall at 210           | Plaster above HVAC                     | 0143975 - 020  |

MATT Richmond  
Sampled by (Print)

ML  
Signature

7/30/24  
Date/Time

OFFICE USE ONLY:

MATT Richmond  
Transported by (Print)

ML  
Signature

7/31/24  
Date/Time

Verbal \_\_\_\_\_

Faxed \_\_\_\_\_

Copied \_\_\_\_\_

Emailed \_\_\_\_\_

(date and initial above areas)

Logan Ballows  
Received by (Print)

Logan Ballows  
Signature

7-31-24 9:20  
Date/Time

MCS Report #24-0855

Mechville High School

275 Mechville Rd. Newport News, VA 23602

Mailed 10/28/2024 Billing

Page 231 of 328

Form L100 (2/2007)

Settings\Sally.marinechemistse\My Documents\L100-Bulk COC12



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Customer: Newport News Public Schools  
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Email: pennie.bogack@nn.k12.va.us  
Attention: Pennie Bogack  
Phone: 5031192 Fax: \_\_\_\_\_  
MCS Job #: 24-0855 Customer PO: \_\_\_\_\_

Page 1 of 6

### BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School 2<sup>nd</sup> floor

Requested Turnaround Time (markup)

|                                                       |                                                      |
|-------------------------------------------------------|------------------------------------------------------|
| <input checked="" type="checkbox"/> Building Material | <input type="checkbox"/> Same Day (100%)             |
| <input type="checkbox"/> Paint                        | <input type="checkbox"/> 1-Day (75%)                 |
| <input type="checkbox"/> Soil                         | <input type="checkbox"/> 2-Day (50%)                 |
| <input type="checkbox"/> Other _____                  | <input type="checkbox"/> 3-Day (25%)                 |
|                                                       | <input type="checkbox"/> 4-Day (12.5%)               |
|                                                       | <input checked="" type="checkbox"/> 5-Day (standard) |

RESULTS DUE BY: \_\_\_\_\_

ANALYSIS: PLM

| MCS Use Only                |                           |
|-----------------------------|---------------------------|
| Special Instructions: _____ |                           |
| MCS Project Manager: _____  |                           |
| DO NOT MAIL                 | Give Report To: _____     |
| Email: _____                | @ _____                   |
| MCS Lab Report No.          | <u>0143975 LB 7-21-24</u> |
| Samples Acceptable to Lab   | Yes _____ No By _____     |
| Date _____                  | If "No" Reason _____      |

| Field ID | Sample Location                | Sample Description                | MCS Sample No. |
|----------|--------------------------------|-----------------------------------|----------------|
| example  | room or area                   | size / color / material           | lab use only   |
| MH-223   | ROOM 207                       | Door Caulk                        | 0143975-021    |
| MH-224   | 2nd floor bookroom             | Storage Door Caulk                | 0143975-022    |
| MH-225   | Room 207 type 1                | black window Caulk                | 0143975-023    |
| MH-226   | Room 207 type 2                | black window Caulk                | 0143975-024    |
| MH-227   | Room 201 Type 1                | black window Caulk                | 0143975-025    |
| MH-228   | Room 201 Type 2                | black window Caulk                | 0143975-026    |
| MH-229   | Assistant Principal 2nd floor  | 4" black base Cove / brown mastic | 0143975-027    |
| MH-230   | Room 205A                      | 4" black base Cove / brown mastic | 0143975-028    |
| MH-231   | 2nd floor Storage 200-207 Hall | 4" brown base Cove / brown mastic | 0143975-029    |
| MH-232   | 2nd floor Storage              | South 4" Brown base Cove / Mastic | 0143975-030    |
| MH-233   | Elevator Hall Stairs           | 6" teal base Cove / Mastic        | 0143975-031    |
| MH-234   | Elevator Hall Stairs           | 6" teal base Cove / Mastic        | 0143975-032    |
| MH-235   | Room 204 Window                | Soapstone                         | 0143975-033    |
| MH-236   | Room 206 Window                | Soapstone                         | 0143975-034    |
| MH-237   | Room 216 Window                | Soapstone                         | 0143975-035    |
| MH-238   | Hall Wall tile                 | Blue 4x4                          | 0143975-036    |
| MH-239   | Hall Wall tile                 | tan 4x4                           | 0143975-037    |
| MH-240   | Hall Wall tile                 | Blue 4x4                          | 0143975-038    |
| MH-241   | Hall Wall tile                 | White 4x4                         | 0143975-039    |
| MH-242   | Hall Wall tile                 | Green 4x4                         | 0143975-040    |

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MCS Report #24-0855

Mechville High School

275 Mechville Rd. Newport News, VA 23602

Mailed 10/28/2024 Billing

Page 232 of 328

Form L100 (2/2007)

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Marine Chemist Service, Inc.

11850 Tug Boat Lane • Newport News, VA 23606

(757) 873-0933 • (757) 873-1074 (fax)

www.MarineChemist.com

Customer: Newport News Public Schools

Address: 761 Hogan Dr Newport News VA 23606

Email: Denise.Boyack@nn.k12.va.us

Attention: Denise Boyack

Phone: 5031192

Fax: \_\_\_\_\_

MCS Job #: 24-0855

Customer PO: \_\_\_\_\_

Page 1 of 3

## BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School 2<sup>nd</sup> floor

- ☒ Building Material  
☐ Paint  
☐ Soil  
☐ Other \_\_\_\_\_

Requested Turnaround Time (markup)

- ☐ Same Day (100%)  
☐ 1-Day (75%)  
☐ 2-Day (50%)  
☐ 3-Day (25%)  
☐ 4-Day (12.5%)  
☒ 5-Day (standard)

RESULTS DUE BY: \_\_\_\_\_

ANALYSIS: PLM

### MCS Use Only

Special Instructions: \_\_\_\_\_

MCS Project Manager: \_\_\_\_\_

DO NOT MAIL

Give Report To: \_\_\_\_\_

Email: \_\_\_\_\_ @ \_\_\_\_\_

MCS Lab Report No. 0143975 LB 7-31-24

Samples Acceptable to Lab

Yes

No By \_\_\_\_\_

Date \_\_\_\_\_

If "No" Reason \_\_\_\_\_

| Field ID | Sample Location                          | Sample Description                                 | MCS Sample No. |
|----------|------------------------------------------|----------------------------------------------------|----------------|
| example  | room or area                             | size / color / material                            | lab use only   |
| MH-243   | Hall near 200                            | 1'x1' Blue tile                                    | 0143975 - 041  |
| MH-244   | Hall near NE Stairs                      | 1'x1' Blue tile                                    | 0143975 - 042  |
| MH-245   | Hall near 212                            | 1'x1' Blue tile                                    | 0143975 - 043  |
| MH-246   | Room 208                                 | 12" white floor tile + Mastic                      | 0143975 - 044  |
| MH-247   | Room 210                                 | 12" white floor tile + Mastic                      | 0143975 - 045  |
| MH-248   | Room 222                                 | 12" white floor tile + brown fibrous material      | 0143975 - 046  |
| MH-249   | Room 222                                 | 12" white floor tile + Mastic                      | 0143975 - 047  |
| MH-250   | Room 225A                                | 12" Brown/white floor tile + Mastic                | 0143975 - 048  |
| MH-251   | Room 209                                 | 12" Brown/white floor tile + Mastic                | 0143975 - 049  |
| MH-252   | Room 203                                 | 12" Brown/white floor tile + Mastic                | 0143975 - 050  |
| MH-253   | Room 211                                 | 12" Dark Green Pattern floor tile                  | 0143975 - 051  |
| MH-254   | Room 211                                 | 12" teal Pattern floor tile                        | 0143975 - 052  |
| MH-255   | Book Storage center of 2nd floor         | 12" tan FT w/ white + brown streaks / black mastic | 0143975 - 053  |
| MH-256   | South Storage behind door                | 12" beige FT w/ brown streaks / black mastic       | 0143975 - 054  |
| MH-257   | North Storage behind door                | 12" beige FT w/ brown streaks / black mastic       | 0143975 - 055  |
| MH-258   | 2nd floor Social Studies department      | 12" tan FT w/ white + brown streaks / black mastic | 0143975 - 056  |
| MH-259   | 2nd floor Social Studies Conference room | 12" tan FT w/ white + brown streaks / black mastic | 0143975 - 057  |
| MH-260   | Room 208                                 | 12" beige FT w/ brown streaks / black mastic       | 0143975 - 058  |
| MH-261   | Room 217                                 | 12" Blue floor tile + mastic                       | 0143975 - 059  |
| MH-262   | Room 221                                 | 12" Blue floor tile + mastic                       | 0143975 - 060  |

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MCS Report #24-0855

Mechville High School

275 Mechville Rd. Newport News, VA 23602

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Page 233 of 328

Form I.100 (2/2007)





Marine Chemist Service, Inc.  
11850 Tug Boat Lane • Newport News, VA 23606  
(757) 873-0933 • (757) 873-1074 (fax)  
www.MarineChemist.com

Customer: Newport News Public Schools  
Address: 761 Hogan Dr Newport News VA 23606  
Email: pennie.boyack@nn.k12.va.us  
Attention: Pennie Boyack  
Phone: 5031192 Fax: \_\_\_\_\_

# BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School 2nd floor

- ☒ Building Material  
☐ Paint  
☐ Soil  
☐ Other \_\_\_\_\_

Requested Turnaround Time (markup)

- ☐ Same Day (100%)  
☐ 1-Day (75%)  
☐ 2-Day (50%)  
☐ 3-Day (25%)  
☐ 4-Day (12.5%)  
☒ 5-Day (standard)

RESULTS DUE BY: \_\_\_\_\_

ANALYSIS: PLM

## MCS Use Only

Special Instructions: \_\_\_\_\_

MCS Project Manager: \_\_\_\_\_

DO NOT MAIL

Give Report To: \_\_\_\_\_

Email: \_\_\_\_\_

@

MCS Lab Report No. 0143975 LB 7-31-24

Samples Acceptable to Lab

Yes

No By \_\_\_\_\_

Date \_\_\_\_\_

If "No" Reason \_\_\_\_\_

| Field ID | Sample Location               | Sample Description                              | MCS Sample No. |
|----------|-------------------------------|-------------------------------------------------|----------------|
| example  | room or area                  | size / color / material                         | lab use only   |
| MH-263   | Room 225                      | 12" Blue floor tile & Mastic                    | 0143975-061    |
| MH-264   | Room 209                      | 12" Orange floor tile & Mastic                  | 0143975-062    |
| MH-265   | Room 225                      | 12" Orange floor tile & Mastic                  | 0143975-063    |
| MH-266   | Room 221                      | 12" Orange floor tile & Mastic                  | 0143975-064    |
| MH-267   | Room 209                      | 12" Yellow floor tile & Mastic                  | 0143975-065    |
| MH-268   | Room 221                      | 12" Yellow floor tile & Mastic                  | 0143975-066    |
| MH-269   | Room 215                      | 12" Yellow floor tile & Mastic                  | 0143975-067    |
| MH-270   | 2nd floor Success Suite       | 12" Olive green FT / black mastic               | 0143975-068    |
| MH-271   | 2nd floor assistant principal | 12" Olive green FT / black mastic               | 0143975-069    |
| MH-272   | Room 208                      | 12" Olive green FT / black mastic               | 0143975-070    |
| MH-273   | Room 206 patch                | 12" robin egg blue FT / brown mastic            | 0143975-071    |
| MH-274   | Room 223 patch                | 12" robin egg blue FT / brown mastic            | 0143975-072    |
| MH-275   | Room 218 patch                | 12" White FT Gray Straks / black & brown mastic | 0143975-073    |
| MH-276   | Room 220 patch                | 12" gray FT / beige mastic                      | 0143975-074    |
| MH-277   | Room 204 patch                | 12" beige FT / black & beige mastic             | 0143975-075    |
| MH-278   | Womens Room South East        | 1"x2" Pink / White floor tile                   | 0143975-076    |
| MH-279   | Womens Room South East        | 1"x2" Pink / White floor tile                   | 0143975-077    |
| MH-280   | Womens Room South East        | 1"x2" Pink / White floor tile                   | 0143975-078    |
| MH-281   | Mens Room South West          | 1"x2" Black / white / Gray floor tile           | 0143975-079    |
| MH-282   | Mens Room South West          | 1"x2" Black / white / Gray floor tile           | 0143975-080    |

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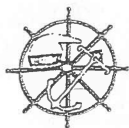
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Marine Chemist Service, Inc.

11850 Tug Boat Lane • Newport News, VA 23606

(757) 873-0933 • (757) 873-1074 (fax)

www.MarineChemist.com

Customer: Newport News Public Schools

Address: 761 Hogan Dr Newport News VA 23606

Email: pennie.boyack@nn.k12.va.us

Attention: Pennie Boyack

Phone: 5031192

Fax: \_\_\_\_\_

MCS Job #: 24-0855

Customer PO: \_\_\_\_\_

Page 1 of 6

## BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Menchville High School

### MCS Use Only

Special Instructions: \_\_\_\_\_

MCS Project Manager: \_\_\_\_\_

DO NOT MAIL

Give Report To: \_\_\_\_\_

Email: \_\_\_\_\_

@

MCS Lab Report No. 0143975 LR 7-31-24

Samples Acceptable to Lab

Yes

No By \_\_\_\_\_

Date \_\_\_\_\_

If "No" Reason \_\_\_\_\_

Requested Turnaround Time (markup)

- ☒ Building Material  
☐ Paint  
☐ Soil  
☐ Other \_\_\_\_\_

- ☐ Same Day (100%)  
☐ 1-Day (75%)  
☐ 2-Day (50%)  
☐ 3-Day (25%)  
☐ 4-Day (12.5%)  
☒ 5-Day (standard)

RESULTS DUE BY: \_\_\_\_\_

ANALYSIS: PLM

| Field ID | Sample Location           | Sample Description                          | MCS Sample No. |
|----------|---------------------------|---------------------------------------------|----------------|
| example  | room or area              | size / color / material                     | lab use only   |
| MH-283   | Mens Room South West      | 1x2" Black/White/gray floor tile            | 0143975 - 081  |
| MH-284   | Teachers Bathroom South   | 1x2" Green floor tile                       | 0143975 - 082  |
| MH-285   | Teachers Bathroom South   | 1x2" Green floor tile                       | 0143975 - 083  |
| MH-286   | Teachers Bathroom South   | 1x2" Green floor tile                       | 0143975 - 084  |
| MH-287   | Mens Room North East      | 1x2" Green/white floor tile                 | 0143975 - 085  |
| MH-288   | Mens Room North East      | 1x2" Green/white floor tile                 | 0143975 - 086  |
| MH-289   | Womans Room North West    | 1x2" Green/white floor tile                 | 0143975 - 087  |
| MH-290   | Teachers Room North       | 1x2" Brown floor tile                       | 0143975 - 088  |
| MH-291   | Teachers Room North       | 1x2" Brown floor tile                       | 0143975 - 089  |
| MH-292   | Teachers Room North       | 1x2" Brown floor tile                       | 0143975 - 090  |
| MH-293   | Near North East Stairs    | terrazzo                                    | 0143975 - 091  |
| MH-294   | Near North West Stairs    | terrazzo                                    | 0143975 - 092  |
| MH-295   | Near South West Stairs    | terrazzo                                    | 0143975 - 093  |
| MH-296   | room 205                  | 12" green dark brown streak FT/black mastic | 0143975 - 094  |
| MH-297   | room 210                  | 12" green dark brown streak FT/black mastic | 0143975 - 095  |
| MH-298   | room 222                  | 12" green dark brown streak FT/black mastic | 0143975 - 096  |
| MH-299   | elevator hall by elevator | 12" gray FT/beige mastic                    | 0143975 - 097  |
| MH-300   | elevator hall across 224  | 12" gray FT/beige mastic                    | 0143975 - 098  |
| MH-301   | elevator hall corner      | 12" gray FT/no adhesives                    | 0143975 - 099  |
| MH-302   | outside room 200 patch    | 12" black FT/beige/black adhesive           | 0143975 - 100  |

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MCS Report #24-0855

Menchville High School

275 Menchville Rd. Newport News, VA 23602

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Page 235 of 328

Form L100 (2/2007)

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## Marine Chemist Service, Inc.

11850 TUG BOAT LANE  
NEWPORT NEWS, VA 23606-2527  
TEL: (757) 873-0933 · NORFOLK (757) 640-1122  
FAX: (757) 873-1074 · NORFOLK (757) 625-5696  
[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
|                        |               | Lead and Copper: Drinking Water       |
| Virginia Laboratory    | DGS - DPOR    | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143980  
**Report Date:** 08/14/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/14/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                     | Layer No.<br>Layer %                          | Asbestos<br>Type (%) | Non-Asbestos<br>Components (%)                                     |
|-----------------------------------|----------------------------------------------------|-----------------------------------------------|----------------------|--------------------------------------------------------------------|
| 0143980-001<br>MH-309             | Men's Urinal White Caulk<br>Caulk and Paint, White | LAYER 1<br>100%                               | None Detected        | Wollastonite 20%<br>Cellulose Fiber 5%<br>Non-Fibrous Material 75% |
| <b>Asbestos Present: No</b>       |                                                    | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143980-002<br>MH-310             | Men's Sink White Caulk<br>Caulk and Paint, White   | LAYER 1<br>100%                               | None Detected        | Wollastonite 20%<br>Non-Fibrous Material 80%                       |
| <b>Asbestos Present: No</b>       |                                                    | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143980-003<br>MH-311             | Women's Sink White Caulk<br>Caulk, White           | LAYER 1<br>100%                               | None Detected        | Wollastonite 20%<br>Non-Fibrous Material 80%                       |
| <b>Asbestos Present: No</b>       |                                                    | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143980-004<br>MH-312             | Women's Toilet White Caulk<br>Caulk, White         | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 10%<br>Non-Fibrous Material 90%                    |
| <b>Asbestos Present: No</b>       |                                                    | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143980  
**Report Date:** 08/14/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/14/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                      | Layer No.<br>Layer %                          | Asbestos<br>Type (%) | Non-Asbestos<br>Components (%)                 |
|-----------------------------------|---------------------------------------------------------------------|-----------------------------------------------|----------------------|------------------------------------------------|
| 0143980-005<br>MH-313             | Room 221 Lab Counter Black Transite<br>Hard Fibrous Material, Black | LAYER 1<br>90%                                | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
|                                   | Caulk, White                                                        | LAYER 2<br>10%                                | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                     | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143980-006<br>MH-314             | Room 213 Lab Counter Black Transite<br>Hard Fibrous Material, Black | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                     | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143980-007<br>MH-315             | Room 214 Fume Hood Black Transite<br>Hard Fibrous Material, Black   | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                     | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143980-008<br>MH-316             | Room 216 Lab Hood Black Transite<br>Hard Fibrous Material, Black    | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                     | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

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Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143980  
**Report Date:** 08/14/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/14/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                                            | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components              | (%)       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------|------------------|-----------------------------|-----------------------------------------|-----------|
| 0143980-009<br>MH-317             | 2nd Floor Between Book Storage and<br>Men's Restroom Joint Expansion Caulk<br>Beige Caulk, White Paint    | LAYER 1<br>100%          | Chrysotile       | 3%                          | Non-Fibrous Material                    | 97%       |
| <b>Asbestos Present: Yes</b>      |                                                                                                           | <b>Total % Asbestos:</b> |                  | <b>3%</b>                   |                                         |           |
| 0143980-010<br>MH-318             | 2nd Floor Right of Room 205 Above<br>Lockers White and Beige Caulking<br>Caulk and Paint, White and Beige | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95% |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |           |
| 0143980-011<br>MH-319             | 2nd Floor Between Custodial and Men's<br>Restroom Joint Expansion Caulk<br>Beige Caulk, White Paint       | LAYER 1<br>100%          | Chrysotile       | 3%                          | Non-Fibrous Material                    | 97%       |
| <b>Asbestos Present: Yes</b>      |                                                                                                           | <b>Total % Asbestos:</b> |                  | <b>3%</b>                   |                                         |           |
| 0143980-012<br>MH-320             | Room 215 Dry Rack Black Transite<br>Hard Fibrous Material, Black                                          | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95% |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |           |





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[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
|                        |               | Lead and Copper: Drinking Water       |
| Virginia Laboratory    | DGS - DPOR    | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143980  
**Report Date:** 08/14/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Upstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/14/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

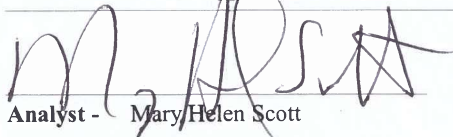
## REPORT OF ANALYSIS

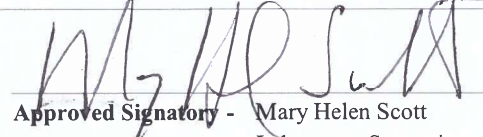
| MCS Sample No.  | Sample Location                   | Layer No. | Asbestos      |     | Non-Asbestos         |     |
|-----------------|-----------------------------------|-----------|---------------|-----|----------------------|-----|
| Field Sample ID | Description                       | Layer %   | Type          | (%) | Components           | (%) |
| 0143980-013     | Room 213A Dry Rack Black Transite |           |               |     |                      |     |
| MH-321          | Hard Fibrous Material, Black      | LAYER 1   | None Detected |     | Cellulose Fiber      | 5%  |
|                 |                                   | 100%      |               |     | Non-Fibrous Material | 95% |

**Asbestos Present:** No

**Total % Asbestos:**

**No Asbestos Detected**

  
**Analyst -** Mary Helen Scott

  
**Approved Signatory -** Mary Helen Scott  
Laboratory Supervisor

Method Detection Limit: = <1%

- \* Fiber concentrations were determined by visually estimating the area percentage for each type.
- \* Asbestos fibers may not be detected by PLM in certain samples because of their size (<5um) or being bound with non-friable organic matrix. In such cases an alternative method of analysis may be necessary.
- \* Analyzed only readily discernable layers.
- \* All laboratory test results meet the applicable quality control requirements unless otherwise mentioned.
- \* MCS, Inc. can not attest to nor be held responsible for the proper collection of samples and/or accuracy of the sample information provided by customers for samples not collected by MCS, Inc.
- \* Test report relates only to the items tested.
- \* The samples will be stored at the MCS, Inc. laboratory for a period of thirty days after the analysis. At the end of the period, it will be our policy to dispose of the samples unless prior arrangements have been made for a longer storage period.
- \* This report shall not be reproduced, except in full, without the written approval of this laboratory.
- \* The Report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
- \* The Report includes Chain of Custody.





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www.MarineChemist.com

Page 1 of \_\_\_\_\_  
Customer: Newport News Public Schools  
Address: 761 Hogan Dr Newport News VA 23606  
Email: Pennie.Boyack@nn.k12.va.us  
Attention: Pennie Boyack  
Phone: 5031192 Fax: \_\_\_\_\_  
MCS Job #: 24-0855 Customer PO: \_\_\_\_\_

### BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School Upstairs

Requested Turnaround Time (markup)

|                                                       |                                                      |
|-------------------------------------------------------|------------------------------------------------------|
| <input checked="" type="checkbox"/> Building Material | <input type="checkbox"/> Same Day (100%)             |
| <input type="checkbox"/> Paint                        | <input type="checkbox"/> 1-Day (75%)                 |
| <input type="checkbox"/> Soil                         | <input type="checkbox"/> 2-Day (50%)                 |
| <input type="checkbox"/> Other _____                  | <input type="checkbox"/> 3-Day (25%)                 |
|                                                       | <input type="checkbox"/> 4-Day (12.5%)               |
|                                                       | <input checked="" type="checkbox"/> 5-Day (standard) |

RESULTS DUE BY: \_\_\_\_\_  
ANALYSIS: PLM

| MCS Use Only                                |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| Special Instructions: _____                 |                                                                              |
| MCS Project Manager: _____                  |                                                                              |
| DO NOT MAIL                                 | Give Report To: _____                                                        |
| Email: _____                                | @ _____                                                                      |
| MCS Lab Report No. <u>0143980 LB 8-1-24</u> |                                                                              |
| Samples Acceptable to Lab                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By _____ |
| Date _____                                  | If "No" Reason _____                                                         |

| Field ID | Sample Location                                                           | Sample Description       | MCS Sample No. |
|----------|---------------------------------------------------------------------------|--------------------------|----------------|
| example  | room or area                                                              | size / color / material  | lab use only   |
| MH- 309  | men's arrival                                                             | white caulk              | 0143980 -001   |
| MH- 310  | men's sink                                                                | white caulk              | 0143980 -002   |
| MH- 311  | women's sink                                                              | white caulk              | 0143980 -003   |
| MH- 312  | women's toilet                                                            | white caulk              | 0143980 -004   |
| MH- 313  | Room 221 lab counter                                                      | black transite           | 0143980 -005   |
| MH- 314  | Room 213 lab counter                                                      | black gray transite      | 0143980 -006   |
| MH- 315  | Room 214 fume hood                                                        | black transite           | 0143980 -007   |
| MH- 316  | Room 216 lab hood                                                         | black gray transite      | 0143980 -008   |
| MH- 317  | 2nd floor between book storage and Men RR; beige joint expansion caulking |                          | 0143980 -009   |
| MH- 318  | 2nd floor right of Room 205 above lockers                                 | white and beige caulking | 0143980 -010   |
| MH- 319  | 2nd floor between Custodial and Men RR; beige joint expansion caulking    |                          | 0143980 -011   |
| MH- 320  | Room 215 dry rack                                                         | black transite           | 0143980 -012   |
| MH- 321  | Room 213A dry rack                                                        | black transite           | 0143980 -013   |
| 322      |                                                                           |                          |                |
| 323      |                                                                           |                          |                |
| 324      |                                                                           |                          |                |
| 325      |                                                                           |                          |                |
| 326      |                                                                           |                          |                |
| 327      |                                                                           |                          |                |
| 328      |                                                                           |                          |                |

|                                                |                                 |                                 |                                |
|------------------------------------------------|---------------------------------|---------------------------------|--------------------------------|
| <u>Matt Richmond</u><br>Sampled by (Print)     | <u>[Signature]</u><br>Signature | <u>7/31/24</u><br>Date/Time     | OFFICE USE ONLY:               |
| <u>Matt Richmond</u><br>Transported by (Print) | <u>[Signature]</u><br>Signature | <u>7/31/24</u><br>Date/Time     | Verbal _____                   |
| <u>Loyan Balkewo</u><br>Received by (Print)    | <u>[Signature]</u><br>Signature | <u>8-1-24 8:13</u><br>Date/Time | Faxed _____                    |
|                                                |                                 |                                 | Copied _____                   |
|                                                |                                 |                                 | Emailed _____                  |
|                                                |                                 |                                 | (date and initial above areas) |



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[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST                                     | <u>Laboratory Code: 200628-0</u>                                                                                                                             |
| Virginia Certification | NVLAP<br>VELAP<br>TNI                    | Asbestos Bulk: PLM<br><u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                           |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333.000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                       | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|------------|
| 0143981-001<br>MH-322             | Catwalk at Entry Door Block and Mortar<br>Cementitious Material, Gray                | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | <b>Asbestos Present:</b> No                                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-002<br>MH-323             | Catwalk Left of Bay Door (Bottom) Block<br>and Mortar<br>Cementitious Material, Gray | LAYER 1<br>100%          | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-003<br>MH-324             | Catwalk Left of Bay Door (Top) Block and<br>Mortar<br>Cementitious Material, Gray    | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | <b>Asbestos Present:</b> No                                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-004<br>MH-325             | Catwalk Bay Door (Left) Black Insulation<br>Jacket, Beige                            | LAYER 1<br>40%           | None Detected               |     | Fibrous Glass<br>Non-Fibrous Material   | 10%<br>90% |
|                                   | Insulation, Black                                                                    | LAYER 2<br>60%           | None Detected               |     | Fibrous Glass<br>Non-Fibrous Material   | 90%<br>10% |
|                                   | <b>Asbestos Present:</b> No                                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |



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|                        |                                          |                                                                                                                                                                              |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air                 |
| Accreditation          | NIST                                     | <u>Laboratory Code: 200628-0</u>                                                                                                                                             |
| Virginia Certification | NVLAP<br>VELAP<br>TNI                    | Asbestos Bulk: PLM<br><u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water<br><u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM |
| Virginia Laboratory    | DGS - DPOR                               |                                                                                                                                                                              |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                                   | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)       |
|-----------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|-----------|
| 0143981-005<br>MH-326             | Catwalk at Entry Door Brick and Mortar<br>Cementitious Material, Gray                            | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%      |
|                                   | <b>Asbestos Present:</b> No                                                                      | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |           |
| 0143981-006<br>MH-327             | Catwalk Left of Bay Door Brick and Mortar<br>Cementitious Material, Gray                         | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%      |
|                                   | <b>Asbestos Present:</b> No                                                                      | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |           |
| 0143981-007<br>MH-328             | Catwalk Left of Bay Door Brick and Mortar<br>Cementitious Material, Red                          | LAYER 1<br>50%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95% |
|                                   | Cementitious Material, Gray                                                                      | LAYER 2<br>50%           | None Detected               |     | Non-Fibrous Material                    | 100%      |
|                                   | <b>Asbestos Present:</b> No                                                                      | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |           |
| 0143981-008<br>MH-329             | Kitchen NW Behind Ice Machine Beige<br>and White Joint Expansion Caulk<br>Caulk, Beige and White | LAYER 1<br>100%          | Chrysotile                  | 3%  | Non-Fibrous Material                    | 97%       |
|                                   | <b>Asbestos Present:</b> Yes                                                                     | <b>Total % Asbestos:</b> | <b>3%</b>                   |     |                                         |           |





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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | Laboratory ID: 100551                 |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | Laboratory Code: 200628-0             |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | Laboratory No: 460257                 |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | License No.: 3333 000004              |
|                        |               | Asbestos: PLM & PCM                   |

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Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                            | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components                              | (%)              |
|-----------------------------------|---------------------------------------------------------------------------|--------------------------|------------------|-----------------------------|---------------------------------------------------------|------------------|
| 0143981-009<br>MH-330             | Kitchen Locker Room Toilet Caulk<br>Caulk, Beige                          | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Wollastonite<br>Non-Fibrous Material | 5%<br>10%<br>85% |
| <b>Asbestos Present: No</b>       |                                                                           | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                                         |                  |
| 0143981-010<br>MH-331             | Kitchen Locker Room South White Patch<br>Floor Tile<br>Floor Tile, White  | LAYER 1<br>90%           | None Detected    |                             | Non-Fibrous Material                                    | 100%             |
|                                   | Mastic, Black                                                             | LAYER 2<br>10%           | Chrysotile       | 10%                         | Cellulose Fiber<br>Non-Fibrous Material                 | 10%<br>80%       |
| <b>Asbestos Present: Yes</b>      |                                                                           | <b>Total % Asbestos:</b> |                  | <b>1%</b>                   |                                                         |                  |
| 0143981-011<br>MH-332             | Kitchen Locker Room Middle White Patch<br>Floor Tile<br>Floor Tile, White | LAYER 1<br>90%           | None Detected    |                             | Non-Fibrous Material                                    | 100%             |
|                                   | Mastic, Beige                                                             | LAYER 2<br>10%           | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material                 | 10%<br>90%       |
| <b>Asbestos Present: No</b>       |                                                                           | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                                         |                  |



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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
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Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                           | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|------------|
| 0143981-012<br>MH-333             | Kitchen Locker Room North White Patch<br>Floor Tile<br>Floor Tile, White | LAYER 1<br>100%          | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                              | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-013<br>MH-334             | Kitchen Locker Room White/Green Floor<br>Tile<br>Floor Tile, White       | LAYER 1<br>80%           | Chrysotile                  | 3%  | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                            | LAYER 2<br>20%           | Chrysotile                  | 10% | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>80% |
|                                   | <b>Asbestos Present:</b> Yes                                             | <b>Total % Asbestos:</b> | <b>4%</b>                   |     |                                         |            |
| 0143981-014<br>MH-335             | Kitchen Locker Room White/Green Floor<br>Tile<br>Floor Tile, White       | LAYER 1<br>80%           | Chrysotile                  | 3%  | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                            | LAYER 2<br>20%           | Chrysotile                  | 3%  | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>87% |
|                                   | <b>Asbestos Present:</b> Yes                                             | <b>Total % Asbestos:</b> | <b>3%</b>                   |     |                                         |            |



### Marine Chemist Service, Inc.

11850 TUG BOAT LANE  
NEWPORT NEWS, VA 23606-2527  
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FAX: (757) 873-1074 · NORFOLK (757) 625-5696  
[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |                                          |                                                                                                                                                                              |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air                 |
| Accreditation          | NIST                                     | <u>Laboratory Code: 200628-0</u>                                                                                                                                             |
| Virginia Certification | NVLAP<br>VELAP<br>TNI                    | Asbestos Bulk: PLM<br><u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water<br><u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM |
| Virginia Laboratory    | DGS - DPOR                               |                                                                                                                                                                              |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                  | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|---------------------------------------------------------------------------------|--------------------------|------------------|-----------------------------|-----------------------------------------|------------|
| 0143981-015<br>MH-336             | Kitchen Locker Room White/Green Floor Tile<br>Floor Tile, White                 | LAYER 1<br>80%           | Chrysotile       | 3%                          | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                                   | LAYER 2<br>20%           | Chrysotile       | 3%                          | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>87% |
|                                   | <b>Asbestos Present:</b> Yes                                                    | <b>Total % Asbestos:</b> |                  | <b>3%</b>                   |                                         |            |
| 0143981-016<br>MH-337             | Kitchen Sink Undercoat Near Food Storage<br>Undercoating, Black                 | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                                     | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-017<br>MH-338             | Kitchen Ceiling Joint Compound,<br>Caulking, Plaster<br>Plaster Material, White | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                                     | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-018<br>MH-339             | Dietician Office Ceiling Plaster<br>Plaster Material and Paint, White           | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                                     | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |





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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
|                        |               | Lead and Copper: Drinking Water       |
| Virginia Laboratory    | DGS - DPOR    | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description        | Layer No.<br>Layer % | Asbestos<br>Type  | (%) | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|---------------------------------------|----------------------|-------------------|-----|----------------------------|------|
| 0143981-019<br>MH-340             | Kitchen Locker Room 4" Gray Base Cove |                      |                   |     |                            |      |
|                                   | Covebase, Gray and Brown              | LAYER 1<br>90%       | None Detected     |     | Non-Fibrous Material       | 100% |
|                                   | Brown Mastic, White Paint             | LAYER 2<br>10%       | None Detected     |     | Cellulose Fiber            | 5%   |
|                                   |                                       |                      |                   |     | Non-Fibrous Material       | 95%  |
|                                   | Asbestos Present: No                  |                      | Total % Asbestos: |     | No Asbestos Detected       |      |
| 0143981-020<br>MH-341             | Dietician Office 4" Gray Base Cove    |                      |                   |     |                            |      |
|                                   | Covebase, Gray                        | LAYER 1<br>90%       | None Detected     |     | Non-Fibrous Material       | 100% |
|                                   | Brown Mastic, White Paint             | LAYER 2<br>10%       | None Detected     |     | Cellulose Fiber            | 5%   |
|                                   |                                       |                      |                   |     | Non-Fibrous Material       | 95%  |
|                                   | Asbestos Present: No                  |                      | Total % Asbestos: |     | No Asbestos Detected       |      |



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|                        |                                          |                                                                                                                                                                              |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air                 |
| Accreditation          | NIST                                     | <u>Laboratory Code: 200628-0</u>                                                                                                                                             |
| Virginia Certification | NVLAP<br>VELAP<br>TNI                    | Asbestos Bulk: PLM<br><u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water<br><u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM |
| Virginia Laboratory    | DGS - DPOR                               |                                                                                                                                                                              |

NOTE: Laboratory Credentials cover only to the scopes listed above.

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**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                            | Layer No.<br>Layer %     | Asbestos<br>Type (%)        | Non-Asbestos<br>Components (%)                  |
|-----------------------------------|-------------------------------------------------------------------------------------------|--------------------------|-----------------------------|-------------------------------------------------|
| 0143981-021<br>MH-342             | Kitchen Locker Room 4" Gray Base Cove,<br>Mudding<br>Covebase, Gray                       | LAYER 1<br>70%           | None Detected               | Non-Fibrous Material 100%                       |
|                                   | Brown Mastic, White Paint                                                                 | LAYER 2<br>10%           | None Detected               | Cellulose Fiber 5%<br>Non-Fibrous Material 95%  |
|                                   | Fibrous Material, Gray                                                                    | LAYER 3<br>20%           | None Detected               | Cellulose Fiber 10%<br>Non-Fibrous Material 90% |
|                                   | <b>Asbestos Present:</b> No                                                               | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |                                                 |
| 0143981-022<br>MH-343             | Dietician Office Bathroom Door Caulk<br>Caulk, White                                      | LAYER 1<br>100%          | None Detected               | Cellulose Fiber 5%<br>Non-Fibrous Material 95%  |
|                                   | <b>Asbestos Present:</b> No                                                               | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |                                                 |
| 0143981-023<br>MH-344             | Café 1 by Column White with Brown<br>Stone Terrazzo<br>Flooring Material, White and Brown | LAYER 1<br>100%          | None Detected               | Cellulose Fiber 5%<br>Non-Fibrous Material 95%  |
|                                   | <b>Asbestos Present:</b> No                                                               | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |                                                 |



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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                                            | Layer No.<br>Layer %                          | Asbestos<br>Type (%) | Non-Asbestos<br>Components (%)                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------|------------------------------------------------|
| 0143981-024<br>MH-345             | Café 2 Right of Kitchen Staff Door Black<br>with Tan Stone Terrazzo<br>Flooring Material, Black and Beige | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143981-025<br>MH-346             | Café 2 Center Black/Tan Terrazzo<br>Flooring Material, Black and Beige                                    | LAYER 1<br>100%                               | None Detected        | Non-Fibrous Material 100%                      |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143981-026<br>MH-347             | Art Hall White Terrazzo with Brown Stone<br>Flooring Material, White and Brown                            | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Non-Fibrous Material 95% |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |
| 0143981-027<br>MH-348             | Band Hall White Terrazzo with Brown<br>Stone<br>Flooring Material, White and Brown                        | LAYER 1<br>100%                               | None Detected        | Non-Fibrous Material 100%                      |
| <b>Asbestos Present: No</b>       |                                                                                                           | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                |





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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                        | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|---------------------------------------------------------------------------------------|--------------------------|------------------|-----------------------------|-----------------------------------------|------------|
| 0143981-028<br>MH-349             | Gym Hall White Terrazzo with Brown Stone<br>Flooring Material, White and Gray         | LAYER 1<br>100%          | None Detected    |                             | Non-Fibrous Material                    | 100%       |
| <b>Asbestos Present: No</b>       |                                                                                       | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-029<br>MH-350             | Hall Near Café 2 Black Terrazzo Dark Brown Stone<br>Flooring Material, Gray and White | LAYER 1<br>100%          | None Detected    |                             | Non-Fibrous Material                    | 100%       |
| <b>Asbestos Present: No</b>       |                                                                                       | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-030<br>MH-351             | Hall Near 104 Black Terrazzo Dark Brown Stone<br>Flooring Material, Gray and White    | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
| <b>Asbestos Present: No</b>       |                                                                                       | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-031<br>MH-352             | Hall Near 110 Black Terrazzo Dark Brown Stone<br>Flooring Material, Gray and White    | LAYER 1<br>100%          | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>90% |
| <b>Asbestos Present: No</b>       |                                                                                       | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |



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|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                       | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|------------|
| 0143981-032<br>MH-353             | Entry of Main Office Hall Black/Tan<br>Terrazzo<br>Flooring Material, Gray and White | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | <b>Asbestos Present:</b> No                                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-033<br>MH-354             | Room 404 White/Green Floor Tile/Mastic<br>Floor Tile, White                          | LAYER 1<br>80%           | Chrysotile                  | 3%  | Non-Fibrous Material                    | 97%        |
|                                   | Mastic, Black                                                                        | LAYER 2<br>20%           | Chrysotile                  | 10% | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>80% |
|                                   | <b>Asbestos Present:</b> Yes                                                         | <b>Total % Asbestos:</b> | <b>4%</b>                   |     |                                         |            |
| 0143981-034<br>MH-355             | Room 402 White Floor Tile Patch<br>Floor Tile, White                                 | LAYER 1<br>80%           | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Black and Beige                                                              | LAYER 2<br>20%           | Chrysotile                  | 5%  | Cellulose Fiber<br>Non-Fibrous Material | 20%<br>75% |
|                                   | <b>Asbestos Present:</b> Yes                                                         | <b>Total % Asbestos:</b> | <b>1%</b>                   |     |                                         |            |



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### Credentials Accreditation

Accreditation  
Virginia Certification

Virginia Laboratory

Agency  
AIHA LAP, LLC  
ELLAP  
EMLAP  
IHLAP

NIST  
NVLAP  
VELAP  
TNI

DGS - DPOR

### Scope

Laboratory ID: 100551  
Lead in Paint, Soil, Wipe & Air  
Fungal Direct Examination: Air & Tape  
Asbestos: PCM  
Dust: Gravimetry  
Metals: Air  
Laboratory Code: 200628-0  
Asbestos Bulk: PLM  
Laboratory No: 460257  
RCRA 8 Metals: TCLP & NPW  
Lead and Copper: Drinking Water  
License No.: 3333 000004  
Asbestos: PLM & PCM

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**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                            | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|-----------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|------------|
| 0143981-035<br>MH-356             | Room 401 Soapstone Left Window<br>Soapstone, Black        | LAYER 1<br>100%          | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | <b>Asbestos Present:</b> No                               | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-036<br>MH-357             | Room 401 Sink Undercoat Left<br>Undercoat, Black          | LAYER 1<br>100%          | Chrysotile                  | 2%  | Non-Fibrous Material                    | 98%        |
|                                   | <b>Asbestos Present:</b> Yes                              | <b>Total % Asbestos:</b> | <b>2%</b>                   |     |                                         |            |
| 0143981-037<br>MH-358             | Room 402 Sink Undercoat Left<br>Sink Undercoating, Black  | LAYER 1<br>100%          | Chrysotile                  | 2%  | Non-Fibrous Material                    | 98%        |
|                                   | <b>Asbestos Present:</b> Yes                              | <b>Total % Asbestos:</b> | <b>2%</b>                   |     |                                         |            |
| 0143981-038<br>MH-359             | Auditorium 6" Brown Base Cove<br>Covebase, Brown and Gray | LAYER 1<br>50%           | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | Beige and Brown Mastic, Beige Paint                       | LAYER 2<br>30%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>90% |
|                                   | White Wall Material, Beige Paint                          | LAYER 3<br>20%           | Chrysotile                  | 2%  | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>93%  |
|                                   | <b>Asbestos Present:</b> Yes                              | <b>Total % Asbestos:</b> | <b>&lt;1%</b>               |     |                                         |            |

Page 11 of 31

SAMPLE ANALYSIS, CONSULTING, WRITTEN PLANS / SPECIFICATIONS / TRAINING CLASSES  
SPECIALIZING IN ASBESTOS, LEAD, PCB, HAZARDOUS WASTE, MOLD  
CERTIFIED MARINE CHEMIST AND INDUSTRIAL HYGIENIST INSPECTIONS  
VENTILATION SALES

MCS Report #24-085S  
Menchville High School  
275 Menchville Rd. Newport News, VA 23602

10/28/2024  
Page 252 of 328





**Marine Chemist Service, Inc.**  
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FAX: (757) 873-1074 · NORFOLK (757) 625-5696  
[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components                                 | (%)              |
|-----------------------------------|--------------------------------|--------------------------|------------------|-----------------------------|------------------------------------------------------------|------------------|
| 0143981-039<br>MH-360             | Auditorium Carpet and Adhesive |                          |                  |                             |                                                            |                  |
|                                   | Carpet, Blue and Red           | LAYER 1<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 80%<br>20%       |
|                                   | Backing, Gray                  | LAYER 2<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 60%<br>40%       |
|                                   | Mastic, Beige                  | LAYER 3<br>20%           | None Detected    |                             | Cellulose Fiber<br>Synthetic Fiber<br>Non-Fibrous Material | 5%<br>5%<br>90%  |
| <b>Asbestos Present:</b> No       |                                | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                                            |                  |
| 0143981-040<br>MH-361             | Auditorium Carpet and Adhesive |                          |                  |                             |                                                            |                  |
|                                   | Carpet, Blue and Red           | LAYER 1<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 80%<br>20%       |
|                                   | Backing, Gray                  | LAYER 2<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 60%<br>40%       |
|                                   | Mastic, Black and Beige        | LAYER 3<br>20%           | Chrysotile       | 2%                          | Cellulose Fiber<br>Synthetic Fiber<br>Non-Fibrous Material | 10%<br>5%<br>83% |
| <b>Asbestos Present:</b> Yes      |                                | <b>Total % Asbestos:</b> |                  | <b>&lt;1%</b>               |                                                            |                  |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

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Newport News Public Schools  
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Newport News VA 23602

**MCS Report No.:** 0143981  
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**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components                                 | (%)             |
|-----------------------------------|---------------------------------------------------------------|--------------------------|------------------|-----------------------------|------------------------------------------------------------|-----------------|
| 0143981-041<br>MH-362             | Auditorium Carpet and Adhesive<br>Carpet, Blue and Red        | LAYER 1<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 80%<br>20%      |
|                                   | Backing, Gray                                                 | LAYER 2<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 60%<br>40%      |
|                                   | Mastic, Beige                                                 | LAYER 3<br>20%           | None Detected    |                             | Cellulose Fiber<br>Synthetic Fiber<br>Non-Fibrous Material | 5%<br>5%<br>90% |
| <b>Asbestos Present: No</b>       |                                                               | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                                            |                 |
| 0143981-042<br>MH-363             | Hall Near 402 Joint Expansion Caulk<br>Caulk and Paint, White | LAYER 1<br>80%           | None Detected    |                             | Non-Fibrous Material                                       | 100%            |
|                                   | Fibrous Material, Beige                                       | LAYER 2<br>20%           | Chrysotile       | 2%                          | Non-Fibrous Material                                       | 98%             |
| <b>Asbestos Present: Yes</b>      |                                                               | <b>Total % Asbestos:</b> |                  | <b>&lt;1%</b>               |                                                            |                 |
| 0143981-043<br>MH-364             | Auditorium Stage Black Curtains<br>Fibrous Material, Black    | LAYER 1<br>100%          | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material                    | 90%<br>10%      |
| <b>Asbestos Present: No</b>       |                                                               | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                                            |                 |



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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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Newport News Public Schools  
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12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                             | Layer No.<br>Layer %                          | Asbestos<br>Type (%) | Non-Asbestos<br>Components (%)                                     |
|-----------------------------------|------------------------------------------------------------|-----------------------------------------------|----------------------|--------------------------------------------------------------------|
| 0143981-044<br>MH-365             | Auditorium Stage Black Curtains<br>Fibrous Material, Black | LAYER 1<br>100%                               | None Detected        | Synthetic Fiber 90%<br>Non-Fibrous Material 10%                    |
| <b>Asbestos Present: No</b>       |                                                            | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143981-045<br>MH-366             | Mens Room 400 Hall Urinal Caulk<br>Caulk, White            | LAYER 1<br>100%                               | None Detected        | Non-Fibrous Material 100%                                          |
| <b>Asbestos Present: No</b>       |                                                            | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143981-046<br>MH-367             | Mens Room 400 Hall Sink Caulk<br>Caulk and Paint, White    | LAYER 1<br>100%                               | None Detected        | Cellulose Fiber 5%<br>Wollastonite 20%<br>Non-Fibrous Material 75% |
| <b>Asbestos Present: No</b>       |                                                            | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |
| 0143981-047<br>MH-368             | Auditorium Stage Curtain White<br>Fibrous Material, White  | LAYER 1<br>100%                               | None Detected        | Synthetic Fiber 90%<br>Non-Fibrous Material 10%                    |
| <b>Asbestos Present: No</b>       |                                                            | <b>Total % Asbestos: No Asbestos Detected</b> |                      |                                                                    |





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| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                             | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components                              | (%)              |
|-----------------------------------|------------------------------------------------------------|--------------------------|-----------------------------|-----|---------------------------------------------------------|------------------|
| 0143981-048<br>MH-369             | Teachers Bathroom 400 Hall 4" Brown<br>Base Cove           |                          |                             |     |                                                         |                  |
|                                   | Cove Base, Brown and Gray                                  | LAYER 1<br>90%           | None Detected               |     | Non-Fibrous Material                                    | 100%             |
|                                   | Mastic, Beige                                              | LAYER 2<br>10%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material                 | 5%<br>95%        |
|                                   | <b>Asbestos Present:</b> No                                | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                                         |                  |
| 0143981-049<br>MH-370             | Teachers Bathroom 400 Hall Beige<br>Linoleum               |                          |                             |     |                                                         |                  |
|                                   | Linoleum, Gray                                             | LAYER 1<br>40%           | None Detected               |     | Non-Fibrous Material                                    | 100%             |
|                                   | Gray Backing, Beige Mastic                                 | LAYER 2<br>40%           | Chrysotile                  | 30% | Cellulose Fiber<br>Non-Fibrous Material                 | 30%<br>40%       |
|                                   | Flooring Material, Gray                                    | LAYER 3<br>20%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material                 | 5%<br>95%        |
|                                   | <b>Asbestos Present:</b> Yes                               | <b>Total % Asbestos:</b> | <b>12%</b>                  |     |                                                         |                  |
| 0143981-050<br>MH-371             | Main Office Mens Room Sink Caulk<br>Caulk and Paint, White | LAYER 1<br>100%          | None Detected               |     | Cellulose Fiber<br>Wollastonite<br>Non-Fibrous Material | 5%<br>20%<br>75% |
|                                   | <b>Asbestos Present:</b> No                                | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                                         |                  |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

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Newport News VA 23602

**MCS Report No.:** 0143981  
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**Date Sampled:** 07/31/2024  
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**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description      | Layer No.<br>Layer %     | Asbestos<br>Type | (%)           | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|-------------------------------------|--------------------------|------------------|---------------|----------------------------|------|
| 0143981-051<br>MH-372             | Clinic 4" Blue Base Cove and Mastic |                          |                  |               |                            |      |
|                                   | Cove Base, Blue and Gray            | LAYER 1<br>60%           | None Detected    |               | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige and Brown             | LAYER 2<br>20%           | None Detected    |               | Cellulose Fiber            | 5%   |
|                                   | Wall Material and Paint, White      | LAYER 3<br>20%           | Chrysotile       | 2%            | Non-Fibrous Material       | 95%  |
|                                   | <b>Asbestos Present: Yes</b>        | <b>Total % Asbestos:</b> |                  | <b>&lt;1%</b> |                            |      |
| 0143981-052<br>MH-373             | Clinic 4" Blue Base Cove and Mastic |                          |                  |               |                            |      |
|                                   | Cove Base, Blue and Gray            | LAYER 1<br>60%           | None Detected    |               | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige and Black             | LAYER 2<br>20%           | None Detected    |               | Cellulose Fiber            | 5%   |
|                                   | Wall Material and Paint, White      | LAYER 3<br>20%           | Chrysotile       | 2%            | Non-Fibrous Material       | 95%  |
|                                   | <b>Asbestos Present: Yes</b>        | <b>Total % Asbestos:</b> |                  | <b>&lt;1%</b> |                            |      |



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|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

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## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                       | Layer No.<br>Layer %     | Asbestos<br>Type            | (%)           | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|----------------------------------------------------------------------|--------------------------|-----------------------------|---------------|-----------------------------------------|------------|
| 0143981-053<br>MH-374             | Main Office 4" Blue Base Cove and Mastic<br>Cove Base, Blue and Gray | LAYER 1<br>60%           | None Detected               |               | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Beige and Brown                                              | LAYER 2<br>20%           | None Detected               |               | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | White Wall Material, Beige Paint                                     | LAYER 3<br>20%           | Chrysotile                  | 2%            | Non-Fibrous Material                    | 98%        |
|                                   | <b>Asbestos Present: Yes</b>                                         | <b>Total % Asbestos:</b> |                             | <b>&lt;1%</b> |                                         |            |
| 0143981-054<br>MH-375             | Main Office Secretary, Carpet<br>Carpet, Blue                        | LAYER 1<br>50%           | None Detected               |               | Synthetic Fiber<br>Non-Fibrous Material | 80%<br>20% |
|                                   | Backing, Brown                                                       | LAYER 2<br>40%           | None Detected               |               | Synthetic Fiber<br>Non-Fibrous Material | 60%<br>40% |
|                                   | Mastic, Beige                                                        | LAYER 3<br>10%           | None Detected               |               | Synthetic Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present: No</b>                                          | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |               |                                         |            |





**Marine Chemist Service, Inc.**  
11850 TUG BOAT LANE  
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FAX: (757) 873-1074 · NORFOLK (757) 625-5696  
[www.MarineChemist.com](http://www.MarineChemist.com)

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333.000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description       | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------|--------------------------|------------------|-----------------------------|-----------------------------------------|------------|
| 0143981-055<br>MH-376             | Principles Office Carpet, White Tile |                          |                  |                             |                                         |            |
|                                   | Carpet, Blue                         | LAYER 1<br>30%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material | 80%<br>20% |
|                                   | Backing, Brown                       | LAYER 2<br>30%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material | 60%<br>40% |
|                                   | Floor Tile, White                    | LAYER 3<br>30%           | None Detected    |                             | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Beige                        | LAYER 4<br>10%           | None Detected    |                             | Cellulose Fiber<br>Non-Fibrous Material | 20%<br>80% |
| <b>Asbestos Present:</b> No       |                                      | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |
| 0143981-056<br>MH-377             | API Office Carpet                    |                          |                  |                             |                                         |            |
|                                   | Carpet, Blue                         | LAYER 1<br>50%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material | 80%<br>20% |
|                                   | Backing, Brown                       | LAYER 2<br>40%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material | 60%<br>40% |
|                                   | Mastic, Beige                        | LAYER 3<br>10%           | None Detected    |                             | Synthetic Fiber<br>Non-Fibrous Material | 5%<br>95%  |
| <b>Asbestos Present:</b> No       |                                      | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                                         |            |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST                                     | <u>Laboratory Code: 200628-0</u>                                                                                                                             |
| Virginia Certification | NVLAP<br>VELAP<br>TNI                    | Asbestos Bulk: PLM<br><u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                           |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333.000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
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Newport News VA 23602

**MCS Report No.:** 0143981  
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**Customer PO No.:**

**Date Sampled:** 07/31/2024  
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**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description       | Layer No.<br>Layer %     | Asbestos<br>Type         | (%)       | Non-Asbestos<br>Components                                 | (%)               |
|-----------------------------------|--------------------------------------|--------------------------|--------------------------|-----------|------------------------------------------------------------|-------------------|
| 0143981-057<br>MH-378             | Clinic Mens Room 12" White/Blue Tile |                          |                          |           |                                                            |                   |
|                                   | Floor Tile, White                    | LAYER 1<br>60%           | None Detected            |           | Non-Fibrous Material                                       | 100%              |
|                                   | Mastic, Black                        | LAYER 2<br>20%           | Chrysotile               | 10%       | Cellulose Fiber<br>Non-Fibrous Material                    | 5%<br>85%         |
|                                   | Flooring Material, Pink              | LAYER 3<br>20%           | None Detected            |           | Non-Fibrous Material                                       | 100%              |
| <b>Asbestos Present: Yes</b>      |                                      | <b>Total % Asbestos:</b> |                          | <b>2%</b> |                                                            |                   |
| 0143981-058<br>MH-379             | Main Office Hall 12" White/Blue Tile |                          |                          |           |                                                            |                   |
|                                   | Floor Tile, White                    | LAYER 1<br>80%           | None Detected            |           | Non-Fibrous Material                                       | 100%              |
|                                   | Mastic, Beige                        | LAYER 2<br>20%           | None Detected            |           | Cellulose Fiber<br>Synthetic Fiber<br>Non-Fibrous Material | 10%<br>10%<br>80% |
|                                   | <b>Asbestos Present: No</b>          |                          | <b>Total % Asbestos:</b> |           | <b>No Asbestos Detected</b>                                |                   |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

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**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description       | Layer No.<br>Layer %     | Asbestos<br>Type         | (%)           | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------|--------------------------|--------------------------|---------------|-----------------------------------------|------------|
| 0143981-059<br>MH-380             | Main Office Hall 12" White/Blue Tile |                          |                          |               |                                         |            |
|                                   | Floor Tile, White                    | LAYER 1<br>70%           | None Detected            |               | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Black and Beige              | LAYER 2<br>20%           | Chrysotile               | 2%            | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>88% |
|                                   | Flooring Material, Beige             | LAYER 3<br>10%           | None Detected            |               | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>90% |
| <b>Asbestos Present: Yes</b>      |                                      | <b>Total % Asbestos:</b> |                          | <b>&lt;1%</b> |                                         |            |
| 0143981-060<br>MH-381             | Room 122 12" Blue Tile               |                          |                          |               |                                         |            |
|                                   | Floor Tile, Blue                     | LAYER 1<br>90%           | None Detected            |               | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Beige                        | LAYER 2<br>10%           | None Detected            |               | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present: No</b>          |                          | <b>Total % Asbestos:</b> |               | <b>No Asbestos Detected</b>             |            |
| 0143981-061<br>MH-382             | Room 128 12" Blue Tile               |                          |                          |               |                                         |            |
|                                   | Floor Tile, Blue                     | LAYER 1<br>80%           | None Detected            |               | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Beige                        | LAYER 2<br>20%           | None Detected            |               | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>90% |
|                                   | <b>Asbestos Present: No</b>          |                          | <b>Total % Asbestos:</b> |               | <b>No Asbestos Detected</b>             |            |





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|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| <b>Credentials</b>     | <b>Agency</b> | <b>Scope</b>                          |
| Accreditation          | AIHA LAP, LLC | <u>Laboratory ID: 100551</u>          |
|                        | ELLAP         | Lead in Paint, Soil, Wipe & Air       |
|                        | EMLAP         | Fungal Direct Examination: Air & Tape |
|                        | IHLAP         | Asbestos: PCM                         |
|                        |               | Dust: Gravimetry                      |
|                        |               | Metals: Air                           |
| Accreditation          | NIST          | <u>Laboratory Code: 200628-0</u>      |
|                        | NVLAP         | Asbestos Bulk: PLM                    |
| Virginia Certification | VELAP         | <u>Laboratory No: 460257</u>          |
|                        | TNI           | RCRA 8 Metals: TCLP & NPW             |
| Virginia Laboratory    | DGS - DPOR    | Lead and Copper: Drinking Water       |
|                        |               | <u>License No.: 3333 000004</u>       |
|                        |               | Asbestos: PLM & PCM                   |

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Newport News Public Schools  
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Newport News VA 23602

**MCS Report No.:** 0143981  
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**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                          | Layer No.<br>Layer %     | Asbestos<br>Type            | (%) | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|-------------------------------------------------------------------------|--------------------------|-----------------------------|-----|-----------------------------------------|------------|
| 0143981-062<br>MH-383             | Room 131 12" Blue Tile<br>Floor Tile, Blue                              | LAYER 1<br>80%           | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Beige                                                           | LAYER 2<br>20%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present:</b> No                                             | <b>Total % Asbestos:</b> | <b>No Asbestos Detected</b> |     |                                         |            |
| 0143981-063<br>MH-384             | AP Office 100 Hall Sink Undercoat<br>Undercoat, Black                   | LAYER 1<br>100%          | Chrysotile                  | 5%  | Non-Fibrous Material                    | 95%        |
|                                   | <b>Asbestos Present:</b> Yes                                            | <b>Total % Asbestos:</b> | <b>5%</b>                   |     |                                         |            |
| 0143981-064<br>MH-385             | AP Office 100 Hall 4" Brown Base Cove<br>and Mastic<br>Cove Base, Brown | LAYER 1<br>60%           | None Detected               |     | Non-Fibrous Material                    | 100%       |
|                                   | Mastic, Brown                                                           | LAYER 2<br>20%           | None Detected               |     | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | Wall Material and Paint, White                                          | LAYER 3<br>20%           | Chrysotile                  | 2%  | Wollastonite<br>Non-Fibrous Material    | 10%<br>88% |
|                                   | <b>Asbestos Present:</b> Yes                                            | <b>Total % Asbestos:</b> | <b>&lt;1%</b>               |     |                                         |            |



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|                        |                                          |                                                                                                                                                              |
|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333.000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
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Newport News VA 23602

**MCS Report No.:** 0143981  
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**MCS Job No.:** 24-085S  
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**Job Location:** Menchville High School Original Downstairs

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**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description                                                 | Layer No.<br>Layer %     | Asbestos<br>Type | (%)       | Non-Asbestos<br>Components              | (%)        |
|-----------------------------------|--------------------------------------------------------------------------------|--------------------------|------------------|-----------|-----------------------------------------|------------|
| 0143981-065<br>MH-386             | AP Office 100 Hall 12" Green/Brown Streaks and Mastic<br>Floor Tile, Beige     | LAYER 1<br>80%           | Chrysotile       | 2%        | Non-Fibrous Material                    | 98%        |
|                                   | Mastic, Black                                                                  | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber<br>Non-Fibrous Material | 10%<br>80% |
|                                   | <b>Asbestos Present: Yes</b>                                                   | <b>Total % Asbestos:</b> |                  | <b>4%</b> |                                         |            |
| 0143981-066<br>MH-387             | Security Office 12" Tan/Green Streaks and Mastic<br>Floor Tile, White and Pink | LAYER 1<br>60%           | Chrysotile       | 2%        | Non-Fibrous Material                    | 98%        |
|                                   | Mastic, Black                                                                  | LAYER 2<br>20%           | Chrysotile       | 10%       | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>85%  |
|                                   | Flooring Material, Black                                                       | LAYER 3<br>20%           | None Detected    |           | Cellulose Fiber<br>Non-Fibrous Material | 5%<br>95%  |
|                                   | <b>Asbestos Present: Yes</b>                                                   | <b>Total % Asbestos:</b> |                  | <b>3%</b> |                                         |            |



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|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333 000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

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**MCS Report No.:** 0143981  
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**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description     | Layer No.<br>Layer %     | Asbestos<br>Type | (%)           | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|------------------------------------|--------------------------|------------------|---------------|----------------------------|------|
| 0143981-067<br>MH-388             | Security Office 4" Green Base Cove | LAYER 1                  | None Detected    |               |                            |      |
|                                   | Base Cove, Green and Gray          | 70%                      |                  |               | Non-Fibrous Material       | 100% |
|                                   | Mastic, Brown                      | LAYER 2                  | None Detected    |               | Cellulose Fiber            | 5%   |
|                                   |                                    | 10%                      |                  |               | Non-Fibrous Material       | 95%  |
|                                   | Wall Material, White               | LAYER 3                  | Chrysotile       | 2%            |                            |      |
|                                   |                                    | 20%                      |                  |               | Non-Fibrous Material       | 98%  |
|                                   | <b>Asbestos Present: Yes</b>       | <b>Total % Asbestos:</b> |                  | <b>&lt;1%</b> |                            |      |
| 0143981-068<br>MH-389             | Room 123 12" Beige Tile and Mastic | LAYER 1                  | Chrysotile       | 2%            |                            |      |
|                                   | Floor Tile, Beige                  | 60%                      |                  |               | Non-Fibrous Material       | 98%  |
|                                   | Mastic, Black                      | LAYER 2                  | Chrysotile       | 10%           |                            |      |
|                                   |                                    | 20%                      |                  |               | Non-Fibrous Material       | 90%  |
|                                   | Flooring Material, Black           | LAYER 3                  | None Detected    |               |                            |      |
|                                   |                                    | 20%                      |                  |               | Non-Fibrous Material       | 100% |
|                                   | <b>Asbestos Present: Yes</b>       | <b>Total % Asbestos:</b> |                  | <b>3%</b>     |                            |      |





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|------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Credentials</b>     | <b>Agency</b>                            | <b>Scope</b>                                                                                                                                                 |
| Accreditation          | AIHA LAP, LLC<br>ELLAP<br>EMLAP<br>IHLAP | <u>Laboratory ID: 100551</u><br>Lead in Paint, Soil, Wipe & Air<br>Fungal Direct Examination: Air & Tape<br>Asbestos: PCM<br>Dust: Gravimetry<br>Metals: Air |
| Accreditation          | NIST<br>NVLAP                            | <u>Laboratory Code: 200628-0</u><br>Asbestos Bulk: PLM                                                                                                       |
| Virginia Certification | VELAP<br>TNI                             | <u>Laboratory No: 460257</u><br>RCRA 8 Metals: TCLP & NPW<br>Lead and Copper: Drinking Water                                                                 |
| Virginia Laboratory    | DGS - DPOR                               | <u>License No.: 3333.000004</u><br>Asbestos: PLM & PCM                                                                                                       |

NOTE: Laboratory Credentials cover only to the scopes listed above.

Newport News Public Schools  
Attn: Pennie Robbins Boyack  
12580 Patrick Henry Dr.  
Newport News VA 23602

**MCS Report No.:** 0143981  
**Report Date:** 09/03/2024  
**MCS Job No.:** 24-085S  
**Customer PO No.:**

**Date Sampled:** 07/31/2024  
**Sampled By:** Matthew Richmond  
**Job Location:** Menchville High School Original Downstairs

**Date Received:** 08/01/2024  
**Received By:** LB  
**Sample Matrix:** BULK  
**Date Analyzed:** 08/28/2024

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods: EPA - 40 CFR Appendix E to Subpart E of Part 763 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

| MCS Sample No.<br>Field Sample ID | Sample Location<br>Description     | Layer No.<br>Layer %     | Asbestos<br>Type | (%)                         | Non-Asbestos<br>Components | (%)  |
|-----------------------------------|------------------------------------|--------------------------|------------------|-----------------------------|----------------------------|------|
| 0143981-069<br>MH-390             | Room 124 12" Beige Tile and Mastic |                          |                  |                             |                            |      |
|                                   | Floor Tile, Beige and Pink         | LAYER 1<br>80%           | Chrysotile       | 3%                          | Non-Fibrous Material       | 97%  |
|                                   | Mastic, Black                      | LAYER 2<br>20%           | Chrysotile       | 10%                         | Cellulose Fiber            | 5%   |
|                                   |                                    |                          |                  |                             | Non-Fibrous Material       | 85%  |
| <b>Asbestos Present: Yes</b>      |                                    | <b>Total % Asbestos:</b> |                  | <b>4%</b>                   |                            |      |
| 0143981-070<br>MH-391             | Room 124 12" Beige Tile and Mastic |                          |                  |                             |                            |      |
|                                   | Floor Tile, Beige and Pink         | LAYER 1<br>80%           | Chrysotile       | 3%                          | Non-Fibrous Material       | 97%  |
|                                   | Mastic, Black                      | LAYER 2<br>10%           | Chrysotile       | 10%                         | Non-Fibrous Material       | 90%  |
|                                   | Flooring Material, Beige           | LAYER 3<br>10%           | None Detected    |                             | Wollastonite               | 10%  |
| <b>Asbestos Present: Yes</b>      |                                    | <b>Total % Asbestos:</b> |                  | <b>3%</b>                   |                            |      |
| 0143981-071<br>MH-392             | Room 123 12" Pink Tile Patch       |                          |                  |                             |                            |      |
|                                   | Floor Tile, Pink                   | LAYER 1<br>80%           | None Detected    |                             | Non-Fibrous Material       | 100% |
|                                   | Mastic, Beige                      | LAYER 2<br>20%           | None Detected    |                             | Cellulose Fiber            | 5%   |
|                                   |                                    |                          |                  |                             | Non-Fibrous Material       | 95%  |
| <b>Asbestos Present: No</b>       |                                    | <b>Total % Asbestos:</b> |                  | <b>No Asbestos Detected</b> |                            |      |