



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

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.: 0143974
Report Date: 08/15/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/30/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Building

Date Received: 07/31/2024
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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-016 MH-190	Boiler Room East Supply Pipe Insulation Jacket, White and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-017 MH-191	Boiler Room Supply Pipe Insulation at Blue Heat Pump Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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	IHLAP	Asbestos: PCM
		Dust: Gravimetry
		Metals: Air
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	NVLAP	Asbestos Bulk: PLM
Virginia Certification	VELAP	<u>Laboratory No: 460257</u>
	TNI	RCRA 8 Metals: TCLP & NPW
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-018	Boiler Room Supply Pipe Insulation at Gray Boiler					
MH-192	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143974-019	Mechanical Room Hot Water Supply Insulation Pipe at 'T'					
MH-193	Jacket, White Brown and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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	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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-020	Mechanical Room Hot Water Supply Insulation Pipe at Wall					
MH-194	Jacket, White and Beige	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-021	Boiler Room Hot Water Supply Insulation Pipe South Wall					
MH-195	Jacket, Beige and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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	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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-022	Boiler Room Hot Water Supply Insulation Pipe South Wall					
MH-196	Jacket, White Beige and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-023	Hall Near Mens Room Hot Water Insulation Pipe Jacket/ Insulation					
MH-197	Mastic, White	LAYER 1 50%	Chrysotile	10%	Non-Fibrous Material	90%
	Insulation, Orange	LAYER 2 50%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: Yes	Total % Asbestos:	5%			
0143974-024	Hall Near Mens Room Hot Water Insulation Pipe Hanger Mudding/ Paint					
MH-198	Mastic and Paint, White	LAYER 1 100%	Chrysotile	10%	Wollastonite Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:	10%			



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	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>
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-025	Boiler Room Return Pipe Insulation at Valve					
MH-199	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143974-026	Boiler Room Return Pipe Insulation, Orange Foam at South					
MH-200	Jacket, Beige and Silver	LAYER 1 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 40%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Foam, Orange	LAYER 3 30%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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		Dust: Gravimetry
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Sampled By: Matthew Richmond
Job Location: Menchville High School Original Building

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143974-027	Boiler Room Return Pipe Insulation at Boiler 4					
MH-201	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-028	Mens Room Plaster Ceiling					
MH-202	Plaster and Paint, White	LAYER 1 30%	None Detected		Non-Fibrous Material	100%
	Scratch Coat, Beige	LAYER 2 70%	None Detected		Non-Fibrous Material	100%
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		Metals: Air
Accreditation	NIST	<u>Laboratory Code: 200628-0</u>
	NVLAP	Asbestos Bulk: PLM
Virginia Certification	VELAP	<u>Laboratory No: 460257</u>
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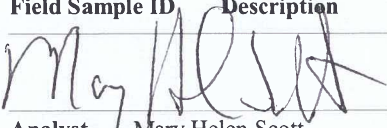
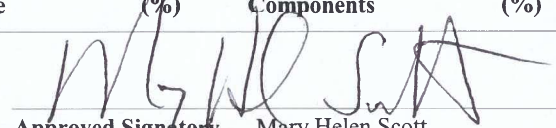
MCS Report No.: 0143974
Report Date: 08/15/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/30/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Building

Date Received: 07/31/2024
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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
						
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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Page 1 of 2
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 Original Building

☒ Building Material	☐ Same Day (100%)
☐ Paint	☐ 1-Day (75%)
☐ Soil	☐ 2-Day (50%)
☐ Other _____	☐ 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. <u>0143974</u>	<u>LB 7-31-24</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-175	Hall near 110	2" Water Supply Pipe Insulation	0143974 -001
MH-176	Hall near 110	4" Water ^{Supply} Pipe Insulation	0143974 -002
MH-177	Hall near lab room	4" Supply Pipe Insulation	0143974 -003
MH-178	Hall near lab room	2" Return Pipe Insulation	0143974 -004
MH-179	Room 109	8" Elbow White mud, Silver Jacket, Yellow Insulation	0143974 -005
MH-180	Room 109	8" Elbow Black mastic, Silver Jacket, Yellow Insulation	0143974 -006
MH-181	Teacher, Gentlemen room	Plaster Ceiling, Caulk, joint compound	0143974 -007
MH-182	Room 100	Sink 1 Undercoat	0143974 -008
MH-183	Room 100	Sink 2 Undercoat	0143974 -009
MH-184	Room 100	Sink 4 Undercoat	0143974 -010
MH-185	Room 100	Sink 3 undercoat	0143974 -011
MH-186	Room 303/Project	Orange foam, white plaster	0143974 -012
MH-187	Room 303/Project	White foam + Yellow insulation	0143974 -013
MH-188	Room 303/Project	Black foam Insulation	0143974 -014
MH-189	Room 303/Project	White foam Insulation	0143974 -015
MH-190	Boiler Room ^{Entr}	Supply Pipe Insulation	0143974 -016
MH-191	Boiler Room	Supply Pipe Insulation at Blue Heat Pump	0143974 -017
MH-192	Boiler Room	Supply Pipe Insulation at Gray Boiler	0143974 -018
MH-193	Mechanical Room	Hot Water Supply Insulation pipe at 'T'	0143974 -019
MH-194	Mechanical Room	Hot water Supply Insulation pipe at wall	0143974 -020

Matt Richmond
Sampled by (Print)

[Signature]
Signature

7/30/24
Date/Time

OFFICE USE ONLY:

Matt Richmond
Transported by (Print)

[Signature]
Signature

7/3/24
Date/Time

Verbal _____

Faxed _____

Copied _____

Emailed _____

Logan Ballant
Received by (Print)

Logan Ball
Signature

7-31-24 8:31
Date/Time

(date and initial above areas)

Mailed _____ Billing _____



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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
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Date Analyzed: 09/03/2024

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-001 MH-203	Hall at Corner Return Pipe Insulation					
	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-002 MH-204	Hall at Corner Supply Pipe Insulation					
	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
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Credentials	Agency	Scope
Accreditation	AIHA LAP, LLC ELLAP EMLAP IHLAP	<u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust: Gravimetry Metals: Air
Accreditation	NIST NVLAP	<u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM
Virginia Certification	VELAP TNI	<u>Laboratory No: 460257</u> 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.: 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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-003 MH-205	Hall at 213 Return Pipe Insulation					
	Jacket, White and Silver	LAYER 1 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 70%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-004 MH-206	Hall at 213 Supply Pipe Insulation					
	Jacket, White and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-005 MH-207	Hall at 213 HVAC Insulation					
	Jacket, Brown and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Pink	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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FAX: (757) 873-1074 · NORFOLK (757) 625-5696
www.MarineChemist.com

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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-006 MH-208	Hall Across Custodial HVAC Mastic Mastic, Gray	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-007 MH-209	Hall Near Custodial HVAC Mastic Mastic, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-008 MH-210	Custodial Room Plaster Ceiling Plaster Material, White	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-009 MH-211	Mens Room West Plaster Ceiling Plaster Material, White	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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Credentials Accreditation	Agency	Scope
	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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-010 MH-212	Mens Room East Plaster Ceiling Plaster Material, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-011 MH-213	Hall at 200 Supply Pipe Insulation Jacket, White and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-012 MH-214	Hall at 200 Return Pipe Insulation Jacket, White and Silver	LAYER 1 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 80%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				



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Credentials Accreditation	Agency	Scope
	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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-013 MH-215	Hall at 200 HVAC Insulation Jacket, Black and Silver	LAYER 1 40%	None Detected		Fibrous Glass Non-Fibrous Material	80% 20%
	Insulation, Yellow	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-014 MH-216	Hall 205A Supply Pipe Insulation Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	10% 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-015 MH-217	Hall 205A Return Pipe Insulation Jacket, White	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-016 MH-218	Hall 205A HVAC Insulation Jacket, Brown and Silver	LAYER 1 40%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Pink	LAYER 2 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-017 MH-219	Hall 205A Ceiling Plaster Plaster Material, White	LAYER 1 90%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Wood, Brown	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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Credentials Accreditation	Agency	Scope
	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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-018 MH-220	Hall 205A Old, Loose Insulation Insulation, Yellow	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-019 MH-221	Hall at 210 Plaster Above HVAC Plaster Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-020 MH-222	Hall at 210 Plaster Above HVAC Plaster Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-021 MH-223	Room 207 Door Caulk Beige Caulk, Black and White Paint	LAYER 1 100%	None Detected		Wollastonite Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-022 MH-224	2nd Floor Bookroom Storage Door Caulk Beige Caulk, Black and White Paint	LAYER 1 100%	None Detected		Cellulose Fiber Wollastonite Non-Fibrous Material	5% 5% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-023 MH-225	Room 207 Type 1 Window Caulk Caulk, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-024 MH-226	Room 207 Type 2 Window Caulk Caulk, Black and White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-025 MH-227	Room 201 Type 1 Window Caulk Caulk, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-026 MH-228	Room 201 Type 2 Window Caulk Caulk, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-027 MH-229	Assistant Principal 2nd Floor 4" Base Cove, Mastic	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Cove Base, Black and Gray	LAYER 2 20%	None Detected		Cellulose Fiber	5%
	Brown Mastic, White Paint				Non-Fibrous Material	95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-028 MH-230	Room 205A 4" Base Cove, Mastic	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Cove Base, Black and Gray	LAYER 2 20%	None Detected		Wollastonite	10%
	Brown Mastic, White Paint				Non-Fibrous Material	90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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	ELLAP	Lead in Paint, Soil, Wipe & Air
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		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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-029	2nd Floor Storage 200-207 Hall N 4" Base Cove, Mastic					
MH-231	Cove Base, Brown	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Brown	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-030	2nd Floor Storage S 4" Base Cove, Mastic					
MH-232	Cove Base, Brown	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Brown	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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Accreditation	NIST	<u>Laboratory Code: 200628-0</u>
Virginia Certification	NVLAP VELAP	Asbestos Bulk: PLM <u>Laboratory No: 460257</u>
Virginia Laboratory	TNI DGS - DPOR	RCRA 8 Metals: TCLP & NPW Lead and Copper: Drinking Water <u>License No.: 3333.000004</u> Asbestos: PLM & PCM

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-031 MH-233	Elevator Hall Stairs 6" Base Cove, Mastic Cove Base, Blue and Gray	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Beige Mastic, White Paint	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Wall Material, White	LAYER 3 10%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-032 MH-234	Elevator Hall Stairs 6" Base Cove, Mastic Cove Base, Blue and Tan	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 20%	None Detected		Non-Fibrous Material	100%
	White Wall Material, Blue Paint	LAYER 3 20%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-033 MH-235	Room 204 Window Soapstone Soapstone, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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11850 TUG BOAT LANE
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FAX: (757) 873-1074 · NORFOLK (757) 625-5696
www.MarineChemist.com

Credentials Accreditation	Agency AIHA LAP, LLC ELLAP EMLAP IHLAP	Scope <u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust: Gravimetry Metals: Air <u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM <u>Laboratory No: 460257</u> RCRA 8 Metals: TCLP & NPW Lead and Copper: Drinking Water <u>License No.: 3333 000004</u> Asbestos: PLM & PCM
Accreditation	NIST NVLAP	
Virginia Certification	VELAP TNI	
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.: 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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-034 MH-236	Room 206 Window Soapstone Black Soapstone, Brown Paint	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-035 MH-237	Room 216 Window Soapstone Soapstone, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-036 MH-238	Hall Wall Tile 4x4 Tile, Green and White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-037 MH-239	Hall Wall Tile 4x4 Tile, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				



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Credentials Accreditation

Agency
AIHA LAP, LLC
ELLAP
EMLAP
IHLAP

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

Accreditation

NIST
NVLAP
Virginia Certification
VELAP
TNI

Virginia Laboratory

DGS - DPOR

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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-038 MH-240	Hall Wall Tile 4x4 Tile, White and Blue	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-039 MH-241	Hall Wall Tile 4x4 Tile, White and Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-040 MH-242	Hall Wall Tile 4x4 Tile, White and Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-041 MH-243	Hall Near 200 1'x1' Tile Tile, Blue	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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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
		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.

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Date Received: 07/31/2024
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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-042 MH-244	Hall Near NE Stairs 1'x1' Tile Tile, Blue	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-043 MH-245	Hall Near 212 1'x1' Tile Tile, Blue and White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-044 MH-246	Room 208 12" Floor Tile and Mastic Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		1%		
0143975-045 MH-247	Room 210 12" Floor Tile and Mastic Floor Tile, White	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		2%		

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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

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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
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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
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Received By: LB
Sample Matrix: BULK
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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-046 MH-248	Room 222 12" Floor Tile and Fibrous Material					
	Floor Tile, White	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Fibrous Material, Black	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	80% 20%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-047 MH-249	Room 222 12" Floor Tile and Mastic Floor Tile, White	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 20%	Chrysotile	2%	Cellulose Fiber Non-Fibrous Material	10% 88%
	Flooring Material, Gray	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: Yes	Total % Asbestos:	<1%			



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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
		Lead and Copper: Drinking Water
Virginia Laboratory	DGS - DPOR	<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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-048 MH-250	Room 225A 12" Floor Tile and Mastic					
	Floor Tile, White	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber	5%
	Flooring Material, Gray	LAYER 3 10%	None Detected		Non-Fibrous Material	95%
					Cellulose Fiber	20%
					Non-Fibrous Material	80%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-049 MH-251	Room 209 12" Floor Tile and Mastic					
	Floor Tile, White	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber	5%
	Flooring Material, Gray	LAYER 3 20%	None Detected		Non-Fibrous Material	95%
					Cellulose Fiber	10%
					Non-Fibrous Material	90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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Credentials Accreditation	Agency	Scope
	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
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Newport News VA 23602

MCS Report No.: 0143975
Report Date: 09/12/2024
MCS Job No.: 24-085S
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Date Sampled: 07/30/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Upstairs

Date Received: 07/31/2024
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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-050 MH-252	Room 203 12" Floor Tile and Mastic Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-051 MH-253	Room 211 12" Patch Floor Tile Floor Tile, Green	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Flooring Material, Gray	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-052 MH-254	Room 211 Patch Floor Tile Floor Tile, Blue	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 20%	Chrysotile	2%	Cellulose Fiber Non-Fibrous Material	10% 88%
	Asbestos Present: Yes	Total % Asbestos:	<1%			



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Credentials Accreditation	Agency AIHA LAP, LLC ELLAP EMLAP IHLAP	Scope <u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust: Gravimetry Metals: Air
Accreditation	NIST NVLAP	<u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM
Virginia Certification	VELAP TNI	<u>Laboratory No: 460257</u> 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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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-053 MH-255	Book Storage Center of 2nd Floor 12" Floor Tile, Mastic Floor Tile, White	LAYER 1 70%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 30%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143975-054 MH-256	S Storage Behind Door 12" Floor Tile, Mastic Floor Tile, White	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	5% 85%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143975-055 MH-257	N Storage Behind Door 12" Floor Tile, Mastic Floor Tile, White	LAYER 1 90%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		3%		

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Credentials Accreditation	Agency	Scope
	AIHA LAP, LLC ELLAP EMLAP IHLAP	<u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust: Gravimetry Metals: Air
Accreditation	NIST	<u>Laboratory Code: 200628-0</u>
Virginia Certification	NVLAP VELAP TNI	Asbestos Bulk: PLM <u>Laboratory No: 460257</u> 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.

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MCS Report No.: 0143975
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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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-056	2nd Floor Social Studies Department 12" Floor Tile, Mastic					
MH-258	Floor Tile, White	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143975-057	2nd Floor Social Studies Conference Room 12" Floor Tile, Mastic					
MH-259	Floor Tile, White	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		4%		



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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-058 MH-260	Room 208 12" Floor Tile, Mastic Floor Tile, White	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Flooring Material, Beige	LAYER 3 10%	None Detected		Cellulose Fiber Non-Fibrous Material	20% 80%
	Asbestos Present: Yes	Total % Asbestos:		3%		
0143975-059 MH-261	Room 217 12" Floor Tile, Mastic Floor Tile, Blue	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-060 MH-262	Room 221 12" Floor Tile, Mastic Floor Tile, Blue	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 20%	Chrysotile	2%	Cellulose Fiber Non-Fibrous Material	10% 88%
	Asbestos Present: Yes	Total % Asbestos:		<1%		



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

Credentials Accreditation	Agency AIHA LAP, LLC ELLAP EMLAP IHLAP	Scope <u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust-Gravimetry Metals: Air <u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM <u>Laboratory No: 460257</u> RCRA 8 Metals: TCLP & NPW Lead and Copper: Drinking Water <u>License No.: 3333.000004</u> Asbestos: PLM & PCM
Accreditation	NIST	
Virginia Certification	NVLAP VELAP TNI	
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.: 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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-061 MH-263	Room 225 12" Floor Tile, Mastic					
	Floor Tile, Purple	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-062 MH-264	Room 209 12" Floor Tile, Mastic					
	Floor Tile, Red	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-063 MH-265	Room 225 12" Floor Tile, Mastic					
	Floor Tile, Red	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				



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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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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-064 MH-266	Room 221 12" Floor Tile, Mastic Floor Tile, Red	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 30%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	20% 70%
	Asbestos Present: Yes	Total % Asbestos:		3%		
0143975-065 MH-267	Room 209 12" Floor Tile, Mastic Floor Tile, Yellow	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	20% 80%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-066 MH-268	Room 221 12" Floor Tile, Mastic Floor Tile, Yellow	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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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
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-067 MH-269	Room 215 12" Floor Tile, Mastic Floor Tile, Yellow	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Non-Fibrous Material	100%
	Flooring Material, Beige	LAYER 3 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143975-068 MH-270	2nd Floor Success Suite 12" Floor Tile, Mastic Floor Tile, Green	LAYER 1 90%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:	4%			



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	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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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-069 MH-271	2nd Floor Assistant Principal 12" Floor Tile, Mastic					
	Floor Tile, Green	LAYER 1 90%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143975-070 MH-272	Room 206 12" Floor Tile, Mastic Floor Tile, Green					
	Floor Tile, Green	LAYER 1 90%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143975-071 MH-273	Room 206 Patch 12" Floor Tile, Mastic Floor Tile, Blue					
	Floor Tile, Blue	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 10%	Chrysotile	2%	Cellulose Fiber Non-Fibrous Material	10% 88%
	Asbestos Present: Yes	Total % Asbestos:		<1%		



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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
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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-072 MH-274	Room 223 Patch 12" Floor Tile, Mastic					
	Floor Tile, Blue	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	20% 80%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143975-073 MH-275	Room 218 Patch 12" Floor Tile, Mastic					
	Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Black and Beige	LAYER 2 10%	Chrysotile	5%	Cellulose Fiber Non-Fibrous Material	10% 85%
Asbestos Present: Yes		Total % Asbestos:		<1%		
0143975-074 MH-276	Room 220 Patch 12" Floor Tile, Mastic					
	Floor Tile, Gray	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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Accreditation	NIST NVLAP	
Virginia Certification	VELAP TNI	
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-075 MH-277	Room 204 Patch 12" Floor Tile, Mastic Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		1%		
0143975-076 MH-278	Womans Room SE 1"x2" Floor Tile Floor Tile, Pink and White	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:		No Asbestos Detected		
0143975-077 MH-279	Womans Room SE 1"x2" Floor Tile Floor Tile, White and Pink	LAYER 1 90%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Flooring Material, Beige and Black	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	20% 80%
	Asbestos Present: No	Total % Asbestos:		No Asbestos Detected		



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Accreditation	NIST	
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143975-078 MH-280	Womans Room SE 1"x2" Floor Tile Floor Tile, White and Pink	LAYER 1 90%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
	Flooring Material, Beige and Black	LAYER 2 10%	None Detected	Cellulose Fiber 20% Non-Fibrous Material 80%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-079 MH-281	Mens Room SW 1"x2" Floor Tile Floor Tile, White, Black and Gray	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-080 MH-282	Mens Room SW 1"x2" Floor Tile Floor Tile, White and Black	LAYER 1 100%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-081 MH-283	Mens Room SW 1"x2" Floor Tile Floor Tile, Gray and Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143975-082 MH-284	Teachers Bathroom S 1"x2" Floor Tile Floor Tile, Blue	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-083 MH-285	Teachers Bathroom S 1"x2" Floor Tile Floor Tile, Blue	LAYER 1 100%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-084 MH-286	Teachers Bathroom S 1"x2" Floor Tile Floor Tile, Blue and White	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-085 MH-287	Mens Room NE 1"x2" Floor Tile Floor Tile, Blue and White	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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0143975-086 MH-288	Mens Room NE 1"x2" Floor Tile Floor Tile, Blue and White	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-087 MH-289	Womans Room NW 1"x2" Floor Tile Floor Tile, Blue and White	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-088 MH-290	Teachers Room N 1"x2" Floor Tile Floor Tile, Brown	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143975-089 MH-291	Teachers Room N 1"x2" Floor Tile Floor Tile, Brown	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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Accreditation	NIST NVLAP	<u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-090 MH-292	Teachers Room N 1"x2" Floor Tile Floor Tile, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-091 MH-293	Near NE Stairs Terrazzo Flooring Material, Gray	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-092 MH-294	Near NW Stairs Terrazzo Flooring Material, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143975-093 MH-295	Near SW Stairs Terrazzo Flooring Material, Gray	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				



Marine Chemist Service, Inc.

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Credentials	Agency	Scope
Accreditation	AIHA LAP, LLC ELLAP EMLAP IHLAP	<u>Laboratory ID: 100551</u> Lead in Paint, Soil, Wipe & Air Fungal Direct Examination: Air & Tape Asbestos: PCM Dust: Gravimetry Metals: Air
Accreditation	NIST NVLAP	<u>Laboratory Code: 200628-0</u> Asbestos Bulk: PLM
Virginia Certification	VELAP TNI	<u>Laboratory No: 460257</u> 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.: 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. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143975-094 MH-296	Room 205 12" Floor Tile, Mastic					
	Floor Tile, Green and Brown	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		4%		
0143975-095 MH-297	Room 210 12" Floor Tile, Mastic					
	Floor Tile, Green and Brown	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		4%		
0143975-096 MH-298	Room 222 12" Floor Tile, Mastic					
	Floor Tile, Green and Brown	LAYER 1 80%	Chrysotile	2%	Non-Fibrous Material	98%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		4%		