



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

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

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.: 0143966
Report Date: 08/09/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville Highschool 132-139

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/08/2024

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	(%)
0143966-001 MH-79	Hall Pipe 6" Above Ceiling Elbow Insulation, Outside Office Insulation, Gray	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	30% 70%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143966-002 MH-80	Outside Office, Hall 6" Above Ceiling Pipe Insulation 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		
0143966-003 MH-81	Outside Office Hall 6" Above Ceiling Pipe Insulation 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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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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143966-004 MH-82	Room 139 6" Above Ceiling Pipe Insulation					
	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			
0143966-005 MH-83	Hall Outside 139 Above Ceiling Pipe Insulation 2" Pipe Elbow					
	Insulation, White	LAYER 1 80%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Insulation, Yellow	LAYER 2 20%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	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 (%)
0143966-006	Hall Outside 139 Above Ceiling Pipe Insulation 2" Pipe			
MH-84	Jacket, White and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143966-007	Hall Outside 139 Above Ceiling Pipe Insulation, 2" Pipe Near Union			
MH-85	Jacket, White and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 30%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Caulk-Like Material, White	LAYER 3 40%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
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>
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143966-008	Room 139 6" Above Ceiling Pipe Hanger Adhesive Tan					
MH-86	Jacket, Beige and White	LAYER 1 60%	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%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143966-009	HVAC Outside 136 Insulation, Tape					
MH-87	Jacket, Beige and Silver	LAYER 1 50%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Yellow	LAYER 2 50%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143966-010	Room 136 HVAC Insulation					
MH-88	Jacket, Silver	LAYER 1 50%	None Detected		Fibrous Glass Non-Fibrous Material	80% 20%
	Insulation, Pink	LAYER 2 50%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				



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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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143966-011 MH-89	Room 136 HVAC Insulation Jacket, Brown and Silver	LAYER 1 50%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Pink	LAYER 2 50%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143966-012 MH-90	Hall at 133 6" Pipe Mudded Elbow Top Insulation, Gray and Black	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	30% 70%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143966-013 MH-91	Hall at 133 6" Pipe Mudded Elbow Center Insulation, Beige	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	30% 70%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143966-014 MH-92	Hall at 133 6" Pipe Mudded Elbow Right Insulation, Gray	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	30% 70%
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
		<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	(%)
0143966-015 MH-93	Room 135 6" Pipe Insulation at Hanger					
	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				
0143966-016 MH-94	Room 135 6" Pipe Insulation					
	Jacket, Beige and Silver	LAYER 1 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 70%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected				
0143966-017 MH-95	Room 135 6" Pipe Insulation					
	Jacket, Beige 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				



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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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Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville Highschool 132-139

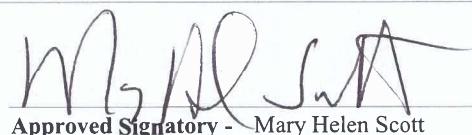
Date Received: 07/30/2024
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
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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 _____
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 132-139

Requested Turnaround Time (markup)

☒ 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. 0143966 LB 7-30-24

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-79	Hall Pipe 6" above Ceiling	Elbow Insulation, Outside office	0143966 -001
MH-80	Outside office, Hall 6" above Ceiling	pipe Insulation	0143966 -002
MH-81	Outside office, Hall 6" above Ceiling	pipe Insulation	0143966 -003
MH-82	Room 139 6" above Ceiling	Pipe Insulation	0143966 -004
MH-83	Hall outside 139 above Ceiling	Pipe Insulation 2" Pipe Elbow	0143966 -005
MH-84	Hall outside 139 above Ceiling	Pipe Insulation 2" Pipe	0143966 -006
MH-85	Hall outside 139 above Ceiling	Pipe Insulation 2" pipe near union	0143966 -007
MH-86	Room 139 6" above ceiling	pipe hanger adhesive tan	0143966 -008
MH-87	HVAC outside 136	Insulation & tape	0143966 -009
MH-88	Room 136	HVAC Insulation	0143966 -010
MH-89	Room 136	HVAC Insulation	0143966 -011
MH-90	Hall at 133 6" Pipe	Mudded Elbow Top	0143966 -012
MH-91	Hall at 133 6" Pipe	Mudded Elbow Center	0143966 -013
MH-92	Hall at 133 6" Pipe	Mudded Elbow Right	0143966 -014
MH-93	Room 135 6" Pipe	Insulation at hanger	0143966 -015
MH-94	Room 135 6" Pipe	Insulation	0143966 -016
MH-95	Room 135 6" Pipe	Insulation	0143966 -017

MATT Richmond
Sampled by (Print)

MR
Signature

7/29/24
Date/Time

OFFICE USE ONLY

MATT Richmond
Transported by (Print)

MR
Signature

7/30/24
Date/Time

Verbal _____

Logan Ballantyne
Received by (Print)

Logan Ballantyne
Signature

7-30-24 11:2
Date/Time

Faxed _____

Copied _____

Emailed _____

Mailed _____



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		Dust: Gravimetry
		Metals: Air
Accreditation	NIST	Laboratory Code: 200628-0
	NVLAP	Asbestos Bulk: PLM
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	TNI	RCRA 8 Metals: TCLP & NPW
		Lead and Copper: Drinking Water
Virginia Laboratory	DGS - DPOR	License No.: 3333.000004
		Asbestos: PLM & PCM

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MCS Report No.: 0143968
Report Date: 08/08/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 010-120 and Café 3,
1975 Addition
1986, NOT '75

Date Received: 07/30/2024
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Sample Matrix: BULK
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143968-001	Café 3 1" Pipe Above Entry Wall, Jacket, Insulation					
MH-96	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			
0143968-002	Café 3 1" Pipe Above Entry Wall, Jacket, Insulation					
MH-97	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			



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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.

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

MCS Report No.: 0143968
Report Date: 08/08/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 010-120 and Café 3,
1975 Addition

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/07/2024

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	(%)
0143968-003	Café 3 1" Pipe Above Entry Wall, Adhesive, Jacket, Insulation					
MH-98	Mastic, Beige	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		
0143968-004	Café 3 4" Pipe Above Entry Wall, Jacket, Insulation					
MH-99	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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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 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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-005	Café 3 6" Pipe Above 1st Window, Jacket, Insulation			
MH-100	Mastic, Beige	LAYER 1 30%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Jacket, White and Silver	LAYER 2 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 3 40%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143968-006	Café 3 6" Pipe 45° Above 1st Window, Adhesive, Jacket, Insulation			
MH-101	Mastic, Beige	LAYER 1 25%	None Detected	Wollastonite 20% Non-Fibrous Material 80%
	Jacket, White and Silver	LAYER 2 25%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Orange	LAYER 3 50%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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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 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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-007	Café 3 4" Pipe and Hanger Left Kitchen Serving Door, Mudding, Jacket, Ins.			
MH-102	Mastic, Beige	LAYER 1 20%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 3 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143968-008	Café 3 3" Pipe Round Insulation Ring, Mudding, Jacket, Insulation			
MH-103	Mastic, Beige	LAYER 1 20%	None Detected	Wollastonite 20% Non-Fibrous Material 80%
	Jacket, Beige and Silver	LAYER 2 20%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Orange	LAYER 3 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-009 MH-104	Café 3 HVAC, Insulation Jacket, Beige and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-010 MH-105	Café 3 HVAC, Insulation Jacket, Beige and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	



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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 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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-011	Café 3 Above Dietitian Office 10" Pipe, Jacket, Mastic, Insulation			
MH-106	Tar Jacket, Black and Beige	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Orange	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143968-012	Café 3 HVAC in Kitchen, Insulation			
MH-107	Jacket, Beige and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 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	(%)
0143968-013 MH-108	Hall at 020 2" 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			
0143968-014 MH-109	Hall at 020 2" 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			
0143968-015 MH-110	Hall at 014 2" 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			



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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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-016 MH-111	Hall at 014 HVAC Duct, Insulation			
	Jacket, Brown and Silver	LAYER 1 50%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 50%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-017 MH-112	Hall at 020 HVAC Duct, Insulation			
	Jacket, Brown and Silver	LAYER 1 20%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 80%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-018 MH-113	Hall at 014 HVAC Duct, Insulation			
	Jacket, Brown and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	



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	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	(%)
0143968-019 MH-114	Room 012 4" Pipe, Insulation Jacket, White and Silver	LAYER 1 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 70%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143968-020 MH-115	Room 012 4" Pipe, Insulation Jacket, White 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			
0143968-021 MH-116	Room 012 3" 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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	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 (%)
0143968-022 MH-117	Room 010 4" Pipe, Insulation Jacket, White and Silver	LAYER 1 20%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 80%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143968-023 MH-118	Room 010 4" Pipe, Insulation Mastic, Beige	LAYER 1 20%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Jacket, White and Silver	LAYER 2 20%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 3 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 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
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	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
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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143968-024 MH-119	Room 010 3" Pipe, Insulation			
	Mastic, Beige	LAYER 1 10%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Jacket, Beige and Silver	LAYER 2 10%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 3 80%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143968-025 MH-120	Room 010 4" Pipe, Hanger Mud			
	Mastic, Beige	LAYER 1 100%	None Detected	Wollastonite 20% Non-Fibrous Material 80%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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	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
		Lead and Copper: Drinking Water
Virginia Laboratory	DGS - DPOR	License No.: 3333 000004
		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.: 0143968
Report Date: 08/08/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 010-120 and Café 3,
1975 Addition

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/07/2024

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 (%)
0143968-026	1975 Hall Custodian Closet, 1" Pipe			
MH-121	Insulation			
1986, NOT '75	Mastic, Beige	LAYER 1	None Detected	Wollastonite 10%
		25%		Non-Fibrous Material 90%
	Jacket, White and Silver	LAYER 2	None Detected	Cellulose Fiber 40%
		25%		Fibrous Glass 40%
				Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 3	None Detected	Fibrous Glass 90%
		50%		Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-027	1975 Hall Custodian Closet, 1" Pipe			
MH-122	Insulation			
	Jacket, White and Silver	LAYER 1	None Detected	Cellulose Fiber 40%
		40%		Fibrous Glass 40%
				Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2	None Detected	Fibrous Glass 90%
		60%		Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	



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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

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1975 Addition

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Sample Matrix: BULK
Date Analyzed: 08/07/2024

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 (%)
0143968-028	1986, NOT '75 1975 Hall Custodian Closet, 1" Pipe Insulation			
MH-123	Jacket, White and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Orange	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-029	Electrical Closet Pipe Thread, Caulk			
MH-124	Caulking, Brown	LAYER 1 100%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143968-030	Electrical Closet Pipe Thread, Caulk			
MH-125	Caulking, Brown	LAYER 1 100%	None Detected	Wollastonite 10% Non-Fibrous Material 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	



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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	<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

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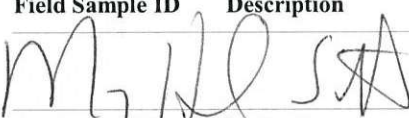
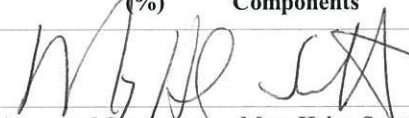
MCS Report No.: 0143968
Report Date: 08/08/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 010-120 and Café 3,
1975 Addition

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/07/2024

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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www.MarineChemist.com

Customer: Newport News Public Schools Page 1 of 2

Address: 761 Hogan Dr Newport News VA 23606

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

Attention: Pennie Bogack

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 010-120 + Cafe 3

(1475 addition)

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

MCS Use Only

Special Instructions: _____

MCS Project Manager: _____

DO NOT MAIL

Give Report To: _____

Email: _____ @

MCS Lab Report No. 0143968

LB 7-30-24

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-96	Cafe 3	1" pipe above entry wall white jacket / yellow insulation	0143968 -001
MH-97	Cafe 3	1" pipe above entry wall white jacket / yellow insulation	0143968 -002
MH-98	Cafe 3	1" pipe above entry wall tan adhesive / white jacket / yellow insulation	0143968 -003
MH-99	Cafe 3	4" pipe above entry wall white jacket / yellow insulation	0143968 -004
MH-100	Cafe 3	6" pipe above 1st window white jacket / yellow insulation	0143968 -005
MH-101	Cafe 3	6" pipe 45° above 1st window tan adhesive / white jacket / yellow insulation	0143968 -006
MH-102	Cafe 3	4" pipe and hangers left kitchen floor ^{servicing} floor mudding / white jacket / yellow insulation	0143968 -007
MH-103	Cafe 3	3" pipe round insulation ring tan mudding / discolored jacket / yellow insulation	0143968 -008
MH-104	Cafe 3	HVAC yellow insulation	0143968 -009
MH-105	Cafe 3	HVAC yellow insulation	0143968 -010
MH-106	Cafe 3	above diction office 10" pipe brown jacket / black plastic / brown insulation	0143968 -011
MH-107	Kitchen	HVAC Cafe 3 HVAC in Kitchen Insulation	0143968 -012
MH-108	Hall at 020	2" pipe Insulation	0143968 -013
MH-109	Hall at 020	2" pipe Insulation	0143968 -014
MH-110	Hall at 014	2" Pipe Insulation	0143968 -015
MH-111	Hall at 014	HVAC Duct Insulation	0143968 -016
MH-112	Hall at 020	HVAC Duct Insulation	0143968 -017
MH-113	Hall at 014	HVAC Duct Insulation	0143968 -018
MH-114	Room 012	4" Pipe Insulation	0143968 -019
MH-115	Room 012	4" Pipe Insulation	0143968 -020

Matt Richmond
Sampled by (Print)

NO
Signature

7/29/24

Date/Time

OFFICE USE ONLY:

Verbal _____

Matt Richmond
Transported by (Print)

NO
Signature

7/29/24

Date/Time

Faxed _____

Copied _____

Logan Ballou
Received by (Print)

Logan Ballou
Signature

7-30-24 11:57

Date/Time

Emailed _____

(date and initial above areas)



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.: 0143972
Report Date: 08/26/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original First Floor

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/22/2024

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	(%)
0143972-001 MH-126	Hall Near 401 6" 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		
0143972-002 MH-127	Hall Near 402 6" 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		
0143972-003 MH-128	Hall Near 402 6" 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		



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

Date Sampled: 07/29/2024
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Customer PO No.:

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Date Analyzed: 08/22/2024

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 (%)
0143972-004 MH-129	Hall Near 401 HVAC Insulation			
	Jacket, Brown and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-005 MH-130	Room 401 1" Pipe Insulation			
	Jacket, Beige and Silver	LAYER 1 50%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Orange	LAYER 2 50%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-006 MH-131	Room 401 2" Pipe Insulation			
	Jacket, White and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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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
		Lead and Copper: Drinking Water
Virginia Laboratory	DGS - DPOR	License No.: 3333 000004
		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 (%)
0143972-007 MH-132	Room 402 2" Pipe Insulation	LAYER 1 40%	None Detected	Cellulose Fiber 40%
	Jacket, Beige, Black and Silver			Fibrous Glass 40%
				Non-Fibrous Material 20%
	Insulation, Orange	LAYER 2 60%	None Detected	Fibrous Glass 90%
				Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-008 MH-133	Room 402 1" Pipe Insulation	LAYER 1 50%	None Detected	Cellulose Fiber 40%
	Jacket, Beige and Silver			Fibrous Glass 40%
				Non-Fibrous Material 20%
	Insulation, Orange	LAYER 2 50%	None Detected	Fibrous Glass 90%
				Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-009 MH-134	Room 403/404 2" Pipe Insulation	LAYER 1 30%	None Detected	Cellulose Fiber 40%
	Jacket, White and Silver			Fibrous Glass 40%
				Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90%
				Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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	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
		Lead and Copper: Drinking Water
Virginia Laboratory	DGS - DPOR	License No.: 3333.000004
		Asbestos: PLM & PCM

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MCS Report No.: 0143972
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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 (%)
0143972-010 MH-135	Room 403/404 HVAC Insulation Jacket, Beige and Silver	LAYER 1 20%	None Detected	Cellulose Fiber 80% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 80%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-011 MH-136	Room 402 HAVC Sealer Sealer, Gray	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-012 MH-137	Room 402 HVAC Sealer Sealer, White	LAYER 1 100%	None Detected	Synthetic Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-013 MH-138	Womens Bathroom Near Auditorium Ceiling Plaster Ceiling Material, Beige and White	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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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 <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	(%)
0143972-014 MH-139	Catwalk HVAC Paste Right Mastic, Beige	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-015 MH-140	Catwalk HVAC Mastic on Corners Mastic, Gray	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-016 MH-141	Catwalk HVAC Paste Center Mastic, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-017 MH-142	Catwalk HVAC Mastic Mastic, Beige	LAYER 1 100%	None Detected		Synthetic Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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 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.: 0143972
Report Date: 08/26/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original First Floor

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/22/2024

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	(%)
0143972-018 MH-143	Catwalk HVAC Mastic Mastic, Gray	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-019 MH-144	Catwalk HVAC Mastic Left Mastic, Beige	LAYER 1 100%	None Detected		Synthetic Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-020 MH-145	Catwalk HVAC Mud Insulation, Beige	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-021 MH-146	Catwalk Plaster Ceiling Front Ceiling Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 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
Virginia Certification	VELAP TNI	<u>Laboratory No: 460257</u> RCRA 8 Metals: TCLP & NPW Lead and Copper: Drinking Water
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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143972-022 MH-147	Catwalk Drywall Ceiling Joint Compound Front Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-023 MH-148	Catwalk HVAC Paste Center Fibrous Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-024 MH-149	Catwalk Plaster Ceiling Center Ceiling Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-025 MH-150	Catwalk Drywall Ceiling Joint Compound Center Fibrous Material, 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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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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143972-026 MH-151	Catwalk HVAC Paste Back Fibrous Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-027 MH-152	Catwalk Plaster Ceiling Back Ceiling Material, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-028 MH-153	Catwalk Drywall Ceiling Joint Compound Back Fibrous Material, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-029 MH-154	Band Room Sound Tile Sound Tile, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	30% 30% 40%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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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 (%)
0143972-030 MH-155	Band Room Sound Tile Sound Tile, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 30% Fibrous Glass 30% Non-Fibrous Material 40%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-031 MH-156	Band Room Sound Tile Sound Tile Beige, Purple Paint	LAYER 1 100%	None Detected	Cellulose Fiber 30% Fibrous Glass 30% Non-Fibrous Material 40%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-032 MH-157	Auditorium Upper Left Wall Spray on Insulation/Plaster Plaster Material, Beige	LAYER 1 10%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
	Fibrous Material, White	LAYER 2 90%	None Detected	Cellulose Fiber 90% Non-Fibrous Material 10%
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
		<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	(%)
0143972-033	Auditorium Upper Center Left Wall Spray on Insulation/Plaster					
MH-158	Plaster Material, Beige	LAYER 1 20%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Fibrous Material, White	LAYER 2 80%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-034	Auditorium Upper Right Wall Spray on Insulation/Plaster					
MH-159	Plaster Material, Beige	LAYER 1 20%	None Detected		Non-Fibrous Material	100%
	Fibrous Material, White	LAYER 2 80%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143972-035	Room 125 2" Pipe Insulation Top					
MH-160	Jacket Silver, Beige Paint	LAYER 1 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 70%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		

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SAMPLE ANALYSIS, CONSULTING, WRITTEN PLANS / SPECIFICATIONS / TRAINING CLASSES
SPECIALIZING IN ASBESTOS, LEAD, PCB, HAZARDOUS WASTE, MOLE
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
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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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143972-036 MH-161	Room 125 2" Pipe Insulation Bottom					
	Jacket, Beige and Silver	LAYER 1 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 80%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-037 MH-162	Room 125 2" Pipe Insulation Top					
	Insulation, Orange	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143972-038 MH-163	Room 125 6" Pipe Insulation					
	Jacket, Beige, Black 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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143972-039 MH-164	Room 125 4" Pipe Mastic Mastic, Black	LAYER 1 100%	Chrysotile	10%	Cellulose Fiber Fibrous Glass Non-Fibrous Material	10% 10% 70%
	Asbestos Present: Yes	Total % Asbestos:		10%		
0143972-040 MH-165	Room 125 4" Pipe Mastic Mastic, Black	LAYER 1 100%	Chrysotile	10%	Cellulose Fiber Fibrous Glass Non-Fibrous Material	5% 5% 80%
	Asbestos Present: Yes	Total % Asbestos:		10%		
0143972-041 MH-166	Room 125 4" Pipe Insulation and Mastic Mastic, Black	LAYER 1 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	5% 85%
	Jacket, Silver	LAYER 2 20%	None Detected		Fibrous Glass Non-Fibrous Material	80% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: Yes	Total % Asbestos:		2%		



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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143972-042	Room 125 Above Smart Board Left 2" Pipe Jacket, Mastic, Insulation					
MH-167	Jacket, Beige, Black 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			
0143972-043	Room 125 Above Smart Board Right 2" Pipe Jacket, Mastic, Insulation					
MH-168	Jacket, Beige, Black 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%
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		Dust: Gravimetry
		Metals: Air
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MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0143972-044	Room 125 Above Smart Board 6" Pipe Jacket/Insulation			
MH-169	Jacket, White and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143972-045	Hall Near Mens Bathroom/125 8" Pipe Insulation			
MH-170	Jacket, White and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
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	(%)
0143972-046	Hall Near Mens Bathroom/125 8" Pipe Insulation					
MH-171	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			
0143972-047	Hall Near 122 HVAC Insulation					
MH-172	Jacket, Brown 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			



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

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

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.

MCS Report No.: 0143972
Report Date: 08/26/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original First Floor

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/22/2024

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 (%)
0143972-048 MH-173	Hall I Near 118 HVAC Insulation			
	Jacket, Black, Brown and Silver	LAYER 1 40%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Pink	LAYER 2 60%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0143972-049 MH-174	Hall I Near 121 HVAC Insulation			
	Jacket, Brown and Silver	LAYER 1 30%	None Detected	Cellulose Fiber 40% Fibrous Glass 40% Non-Fibrous Material 20%
	Insulation, Yellow	LAYER 2 70%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	



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

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

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Newport News VA 23602

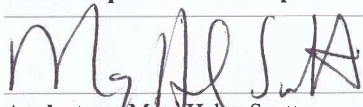
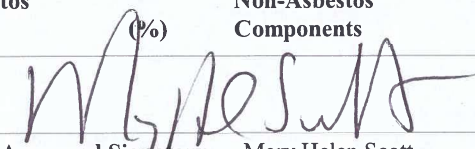
MCS Report No.: 0143972
Report Date: 08/26/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 07/29/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original First Floor

Date Received: 07/30/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/22/2024

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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11850 Tug Boat Lane • Newport News, VA 23606
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Page 1 of 3

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 First 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. 0143972 LB 7-30-24

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-126	Hall near 401	6" Pipe Insulation	0143972 -001
MH-127	Hall near 402	6" Pipe Insulation	0143972 -002
MH-128	Hall near 402	6" Pipe Insulation	0143972 -003
MH-129	Hall near 401	HVAC Insulation	0143972 -004
MH-130	Room 401	1" Pipe Insulation	0143972 -005
MH-131	Room 401	2" Pipe Insulation	0143972 -006
MH-132	Room 402	2" Pipe Insulation	0143972 -007
MH-133	Room 402	1" Pipe Insulation	0143972 -008
MH-134	Room 403/404	2" Pipe Insulation	0143972 -009
MH-135	Room 403/404	HVAC Insulation	0143972 -010
MH-136	Room 402	HVAC Sealer	0143972 -011
MH-137	Room 402	HVAC Sealer	0143972 -012
MH-138	Women's Bathroom near Auditorium	Ceiling Plaster	0143972 -013
MH-139	Catwalk	HVAC Plaster Right	0143972 -014
MH-140	Catwalk	HVAC Gray Mastix on corners	0143972 -015
MH-141	Catwalk	HVAC Plaster Left	0143972 -016
MH-142	Catwalk	HVAC Beige Mastix	0143972 -017
MH-143	Catwalk	HVAC Gray Mastix	0143972 -018
MH-144	Catwalk	HVAC Beige Mastix left	0143972 -019
MH-145	Catwalk	HVAC Mud	0143972 -020

Matt Richmond
Sampled by (Print)

[Signature]
Signature

7/29/24
Date/Time

OFFICE USE ONLY:

Matt Richmond
Transported by (Print)

[Signature]
Signature

7/29/24
Date/Time

Verbal _____

Faxed _____

Copied _____

Logan Ballwe
Received by (Print)

[Signature]
Signature

7-30-24 13:57
Date/Time

Emailed _____

(date and initial above areas)

Mailed _____ Billing _____

MCS Report #24-0855

Mechville High School C:\Documents and Settings\Sally.marinechemistse\My Documents\L100-Bulk COC12
275 Mechville Rd. Newport News, VA 23602

10/28/2024

Page 1 of 1 (7/6/328/2007)



Marine Chemist Service, Inc.
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www.MarineChemist.com

Customer: Newport News Public Schools
Address: 761 Hogan Dr Newport News VA 23606
Email: pennie.bogack@nn.k12.va.us
Attention: Pennie Bogack
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 first floor

- Requested Turnaround Time (markup)
- | | |
|---|--|
| ☒ 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. 0143972 LB 7-30-24

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-146	Catwalk	Plaster Ceiling Front	0143972 -021
MH-147	Catwalk	Drywall Ceiling Joint Compound Front	0143972 -022
MH-148	Catwalk	HVAC Paste Center	0143972 -023
MH-149	Catwalk	HVAC Paste Plaster Ceiling Center	0143972 -024
MH-150	Catwalk	Drywall Ceiling Joint Compound Center	0143972 -025
MH-151	Catwalk	HVAC Paste 3rd Back	0143972 -026
MH-152	Catwalk	Plaster Ceiling Back	0143972 -027
MH-153	Catwalk	Drywall Ceiling Joint Compound Back	0143972 -028
MH-154	Boardroom	Sound tile	0143972 -029
MH-155	Boardroom	Sound tile	0143972 -030
MH-156	Boardroom	Sound tile	0143972 -031
MH-157	auditorium	upper left wall spray on insulation/plaster	0143972 -032
MH-158	auditorium	upper center left wall spray on insulation/plaster	0143972 -033
MH-159	auditorium	upper right wall spray on insulation/plaster	0143972 -034
MH-160	ROOM 125	2" Pipe Insulation top	0143972 -035
MH-161	ROOM 125	2" Pipe Insulation Bottom	0143972 -036
MH-162	ROOM 125	2" Pipe Insulation top	0143972 -037
MH-163	ROOM 125	6" Pipe Insulation	0143972 -038
MH-164	ROOM 125	4" Pipe Mastic	0143972 -039
MH-165	ROOM 125	4" Pipe Mastic	0143972 -040

<u>MATT Richmond</u> Sampled by (Print)	<u>[Signature]</u> Signature	<u>7/29/24</u> Date/Time	OFFICE USE ONLY:
<u>MATT Richmond</u> Transported by (Print)	<u>[Signature]</u> Signature	<u>7/30/24</u> Date/Time	Verbal _____
<u>Logan Ballou</u> Received by (Print)	<u>[Signature]</u> Signature	<u>7-30-24 13:57</u> Date/Time	Faxed _____
			Copied _____
			Emailed _____

(date and initial above areas)



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NEWPORT NEWS, VA 23606-2527
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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	(%)
0143974-001	Hall Near 110, 2' Water Supply Pipe Insulation					
MH-175	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	20% 80%
	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		
0143974-002	Hall Near 110, 4" Water Supply Pipe Insulation					
MH-176	Mastic, White	LAYER 1 20%	None Detected		Wollastonite Non-Fibrous Material	20% 80%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		



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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	<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

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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	(%)
0143974-003	Hall Near Ladies Room, 4" Supply Pipe Insulation					
MH-177	Caulk-Like Material, Black	LAYER 1 20%	None Detected		Non-Fibrous Material	100%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143974-004	Hall Near Ladies Room, 2" Return Pipe Insulation					
MH-178	Caulk-Like Material, Black	LAYER 1 20%	None Detected		Non-Fibrous Material	100%
	Jacket, Beige and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
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
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
		<u>License No.: 3333 000004</u>
		Asbestos: PLM & PCM

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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 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	(%)
0143974-005	Room 109 8" Elbow White Mud, Silver Jacket, Yellow Insulation					
MH-179	Mastic, White	LAYER 1 20%	Chrysotile	10%	Wollastonite Non-Fibrous Material	10% 80%
	Jacket, White and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: Yes	Total % Asbestos:		2%		
0143974-006	Room 109 8" Elbow Black Mastic, Silver Jacket, Yellow Insulation					
MH-180	Mastic, Black	LAYER 1 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Jacket, Brown and Silver	LAYER 2 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 3 60%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: Yes	Total % Asbestos:		2%		



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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

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Report Date: 08/15/2024
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Date Sampled: 07/30/2024
Sampled By: Matthew Richmond
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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	(%)
0143974-007 MH-181	Teacher, Gentlemens Room Plaster Ceiling, Caulk, Joint Compound					
	Ceiling Material, White	LAYER 1 30%	None Detected		Non-Fibrous Material	100%
	Plaster, White	LAYER 2 35%	None Detected		Non-Fibrous Material	100%
	Scratch Coat, Beige	LAYER 3 35%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-008 MH-182	Room 100 Sink 1 Undercoat Under Coating, Gray					
		LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-009 MH-183	Room 100 Sink 2 Undercoat Under Coating, Gray					
		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
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.

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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 (%)
0143974-010 MH-184	Room 100 Sink 4 Undercoat Under Coating, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143974-011 MH-185	Room 100 Sink 3 Undercoat Sink Under Coating, Gray	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143974-012 MH-186	Room 303/ Project Orange Foam and White Plaster Orange Foam, Beige Paint	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



Marine Chemist Service, Inc.
11850 TUG BOAT LANE
NEWPORT NEWS, VA 23606-2527
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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	(%)
0143974-013 MH-187	Room 303/ Project White Foam and Yellow Insulation					
	Jacket, White and Silver	LAYER 1 20%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	40% 40% 20%
	Insulation, Orange	LAYER 2 20%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Foam, White	LAYER 3 60%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-014 MH-188	Room 303/ Project Black Foam Insulation					
	Insulation, Black	LAYER 1 100%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0143974-015 MH-189	Room 303/ Project White Foam Insulation					
	Foam, White	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			