



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

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

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

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

REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143981-072 MH-393	Math Department 12" Green Tile and Mastic					
	Floor Tile, Green	LAYER 1 80%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black and Beige	LAYER 2 20%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143981-073 MH-394	Room 120 12" Green Tile and Mastic Floor Tile, Green	LAYER 1 80%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		4%		
0143981-074 MH-395	Room 121 12" Green Tile and Mastic Floor Tile, Green	LAYER 1 80%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		4%		



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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 (%)
0143981-075 MH-396	Room 117E Linoleum	LAYER 1	None Detected	Non-Fibrous Material 100%
	Linoleum, Gray	30%		
	Backing, Gray	LAYER 2	None Detected	Cellulose Fiber 30%
		30%		Fibrous Glass 10%
				Non-Fibrous Material 60%
	Floor Tile, White	LAYER 3	None Detected	Cellulose Fiber 10%
		30%		Non-Fibrous Material 90%
	Mastic, Beige	LAYER 4	None Detected	Cellulose Fiber 10%
		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 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	(%)
0143981-076 MH-397	Room 117 Linoleum					
	Linoleum, Gray	LAYER 1 30%	None Detected		Non-Fibrous Material	100%
	Backing, Gray	LAYER 2 30%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	30% 10% 60%
	Floor Tile, Beige and Pink	LAYER 3 30%	Chrysotile	3%	Non-Fibrous Material	97%
	Mastic, Black	LAYER 4 10%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
Asbestos Present: Yes		Total % Asbestos:		2%		
0143981-077 MH-398	Room 120 Soapstone Windowsill					
	Soapstone, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
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	(%)
0143981-078 MH-399	Custodian Office 4" Brown Base Cove Cove Base, Brown	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Mastic, Brown	LAYER 2 20%	None Detected		Non-Fibrous Material	100%
	Wall Material and Paint, White	LAYER 3 20%	None Detected		Cellulose Fiber Wollastonite Non-Fibrous Material	5% 5% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143981-079 MH-400	Room 113 Inner Window Caulk Caulk, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143981-080 MH-401	Room 113 Outer Window Caulk Caulk, Black	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	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 (%)
0143981-081 MH-402	Room 114 Outer Window Caulk Caulk, Black	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143981-082 MH-403	Room 114 Inner Window Caulk Caulk, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0143981-083 MH-404	Grad Coach Office Carpet Carpet, Blue	LAYER 1 40%	None Detected	Synthetic Fiber 80% Non-Fibrous Material 20%
	Backing, White	LAYER 2 40%	None Detected	Synthetic Fiber 60% Non-Fibrous Material 40%
	Mastic, Beige	LAYER 3 20%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
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 Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0143981-084 MH-405	Office End of Hall Carpet Carpet, Blue	LAYER 1 40%	None Detected		Synthetic Fiber Non-Fibrous Material	80% 20%
	Backing, White and Beige	LAYER 2 40%	None Detected		Synthetic Fiber Non-Fibrous Material	60% 40%
	Mastic, Beige	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0143981-085 MH-406	Student Support Office Carpet Carpet, Blue	LAYER 1 40%	None Detected		Synthetic Fiber Non-Fibrous Material	80% 20%
	Backing, White and Beige	LAYER 2 40%	None Detected		Synthetic Fiber Non-Fibrous Material	60% 40%
	Mastic, Beige	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 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
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
		<u>License No.: 3333 000004</u>
		Asbestos: PLM & PCM

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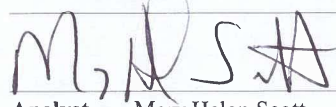
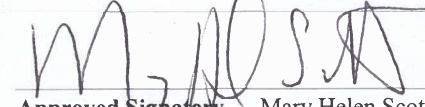
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REPORT OF ANALYSIS

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 5
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: _____

BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School Original Downstairs

MCS Job #: 24-0855 Customer PO: _____

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. 0143981 LB 8-1-24

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-322	Catwalk at entry door	black and mortar	0143981 -001
MH-323	Catwalk left of bay door (bottom)	black and mortar	0143981 -002
MH-324	Catwalk left of bay door (top)	black and mortar	0143981 -003
MH-325	Catwalk bay door (left)	black insulation	0143981 -004
MH-326	Catwalk at entry door	brick/mortar	0143981 -005
MH-327	Catwalk left of bay door	brick/mortar	0143981 -006
MH-328	Catwalk left of bay door	brick mortar	0143981 -007
MH-329	Kitchen NW behind ice machine	orange white joint expansion caulk	0143981 -008
MH-330	Kitchen locker room toilet caulk		0143981 -009
MH-331	Kitchen locker room South	white Patch floor tile	0143981 -010
MH-332	Kitchen locker room Middle	White Patch floor tile	0143981 -011
MH-333	Kitchen locker room North	White Patch floor tile	0143981 -012
MH-334	Kitchen locker room	white/green floor tile	0143981 -013
MH-335	Kitchen locker room	white/green floor tile	0143981 -014
MH-336	Kitchen locker room	white/green floor tile	0143981 -015
MH-337	Kitchen Sink undercoat	near food storage	0143981 -016
MH-338	Kitchen Ceiling	Joint compound, Caulking, Plaster	0143981 -017
MH-339	Dietician Office	Ceiling Plaster	0143981 -018
MH-340	Kitchen locker room	4" Gray Base Cove	0143981 -019
MH-341	Dietician Office	4" Gray Base Cove	0143981 -020

Mari Richmond

Sampled by (Print)

MR
Signature

7/31/24
Date/Time

OFFICE USE ONLY:

Verbal _____

Mari Richmond

Transported by (Print)

MR
Signature

7/31/24
Date/Time

Faxed _____

Logan Ballant

Received by (Print)

Logan Ballant
Signature

8-1-24 9:04
Date/Time

Emailed _____

(date and initial above areas)

MCS Report #24-0855

Mechville High School

275 Mechville Rd. Newport News, VA 23602

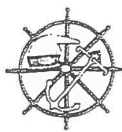
Mailed

Billing

10/28/2024

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Form L100 (2/2007)



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Customer: Newport News Public Schools
Address: 761 Hogan Dr Newport News VA 23606
Email: Pennie Boyack @ n.n.k12.va.us
Attention: Fernie Boyack
Phone: 5031192 Fax: _____
MCS Job #: 24-0855 Customer PO: _____

BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Menchville High School Original Downstairs

MCS Use Only

Special Instructions: _____

MCS Project Manager: _____

DO NOT MAIL

Give Report To: _____

Email: _____ @ _____

MCS Lab Report No. 0143981 LB 8-1-24

Samples Acceptable to Lab Yes No By _____

Date _____ If "No" Reason _____

- ☒ 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

Field ID	Sample Location	Sample Description	MCS Sample No.
example	room or area	size / color / material	lab use only
MH-342	Kitchen locker room	4" gray base core, mudding	0143981-021
MH-343	Dietician Office bathroom	door caulk	0143981-022
MH-344	Cafe 1 by cadmin	white w brown stone terrazzo	0143981-023
MH-345	Cafe 2 right of kitchen staff door	black w tan stone terrazzo	0143981-024
MH-346	Cafe 2 Center	Black / tan terrazzo	0143981-025
MH-347	Art Hall	White terrazzo w brown stone	0143981-026
MH-348	Band Hall	White terrazzo w brown stone	0143981-027
MH-349	Gym Hall	White terrazzo w brown stone	0143981-028
MH-350	Hall near Cafe #2	Black terrazzo dark brown stone	0143981-029
MH-351	Hall near 104	Black terrazzo dark brown stone	0143981-030
MH-352	Hall near 110	Black terrazzo dark brown stone	0143981-031
MH-353	Entry of main office hall	black/tan terrazzo	0143981-032
MH-354	Room 404	White/Green floor tile/mastre	0143981-033
MH-355	Room 402	White floor tile Patch	0143981-034
MH-356	Room 402-401	Soapstone left window	0143981-035
MH-357	Room 401	Sink Undercoat left	0143981-036
MH-358	Room 402	Sink Undercoat left	0143981-037
MH-359	Auditorium	6" Brown Base Core	0143981-038
MH-360	Auditorium	Carpet + Adhesive	0143981-039
MH-361	Auditorium	Carpet + Adhesive	0143981-040

MATT Richmond
Sampled by (Print)

[Signature]
Signature

7/31/24
Date/Time

OFFICE USE ONLY:

Verbal _____

MATT Richmond
Transported by (Print)

[Signature]
Signature

7/31/24
Date/Time

Faxed _____

Logan Ballance
Received by (Print)

[Signature]
Signature

8-1-24 9:04
Date/Time

Copied _____

Emailed _____

(date and initial above areas)

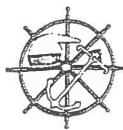
Mailed _____ Billing _____

MCS Report #24-0855

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

10/28/2024

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

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

Page 3 of 5

BULK Chain of Custody Form

(use separate form for each matrix)

Job Location: Mechville High School Original Powerboats

MCS Use Only

Special Instructions: _____

MCS Project Manager: _____

DO NOT MAIL

Give Report To: _____

Email: _____ @ _____

MCS Lab Report No. 0143981 LB 8-1-24

Samples Acceptable to Lab Yes No By _____

Date _____

If "No" Reason _____

- ☒ 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

Field ID	Sample Location	Sample Description	MCS Sample No.
example	room or area	size / color / material	lab use only
MH-362	Auditorium	Carpet + Adhesive	0143981-041
MH-363	Hall near 402	Joint expansion Caulk	0143981-042
MH-364	Auditorium Stage	Black Curtains	0143981-043
MH-365	Auditorium Stage	Black Curtains	0143981-044
MH-366	Mens Room 400 hall	Urinal Caulk	0143981-045
MH-367	Mens Room 400 hall	Sink Caulk	0143981-046
MH-368	Auditorium Stage	Curtain White	0143981-047
MH-369	Teachers Bathroom 400 hall	4" Brown base core	0143981-048
MH-370	Teachers Bathroom 400 hall	Beige linoleum	0143981-049
MH-371	Main Office Mens Room	Sink Caulk	0143981-050
MH-372	Clinic	4" Blue Base core + Mastic	0143981-051
MH-373	Clinic	4" Blue Base core + Mastic	0143981-052
MH-374	Main office	4" Blue Base core + Mastic	0143981-053
MH-375	Main office Secretarys	Carpet	0143981-054
MH-376	Principles office	Carpet & white tile	0143981-055
MH-377	ATI office	Carpet	0143981-056
MH-378	Clinic Mens Room	12" White/Blue tile	0143981-057
MH-379	Main Office Hall	12" White/Blue tile	0143981-058
MH-380	Main office Hall	12" White/Blue tile	0143981-059
MH-381	Room 122	12" Blue tile	0143981-060

MATT Richmond
Sampled by (Print)

Signature

7/31/24
Date/Time

OFFICE USE ONLY:

Verbal _____

MATT Richmond
Transported by (Print)

Signature

7/31/24
Date/Time

Faxed _____

Logan Ballant
Received by (Print)

Signature

8-1-24 9:17
Date/Time

Copied _____

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 275 of 328 (007)



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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 Downstake

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. 0143981 LB 8-1-24

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-382	Room 128	12" Blue Tile	0143981-061
MH-383	Room 131	12" Blue tile	0143981-062
MH-384	AP Office 100 Hall	Sink Undercoat	0143981-063
MH-385	AP Office 100 Hall	4" Brown Base Coat + Mastic	0143981-064
MH-386	AP Office 100 Hall	12" Green/Brown Streaks + Mastic	0143981-065
MH-387	Security Office	12" Tan/Green Streaks + Mastic	0143981-066
MH-388	Security Office	4" Green Basecoat	0143981-067
MH-389	Room 123	12" Beige tile + Mastic	0143981-068
MH-390	Room 124	12" Beige tile + Mastic	0143981-069
MH-391	Room 124	12" Beige tile + Mastic	0143981-070
MH-392	Room 123	12" Pink tile Patch	0143981-071
MH-393	Room Math Dept.	12" Green tile + Mastic	0143981-072
MH-394	Room 120	12" Green tile + Mastic	0143981-073
MH-395	Room 121	12" Green tile + Mastic	0143981-074
MH-396	Room 117E	linoleum	0143981-075
MH-397	Room 117	linoleum	0143981-076
MH-398	Room 120	Soapstone window sill	0143981-077
MH-399	Custodian Office	4" Brown Base Coat	0143981-078
MH-400	Room 113	Inner Window Caulk	0143981-079
MH-401	Room 113	Outer Window Caulk	0143981-080

MATT Richmond
Sampled by (Print)

MATT Richmond
Transported by (Print)

Loyan Ballant
Received by (Print)

[Signature]
Signature

[Signature]
Signature

[Signature]
Signature

7/31/24
Date/Time

7/31/24
Date/Time

8-1-24 9:17
Date/Time

OFFICE USE ONLY:

Verbal _____

Faxed _____

Copied _____

Emailed _____

(date and initial above areas)

Mailed _____ Billing _____



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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.: 0144010
Report Date: 08/21/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Downstairs

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/19/2024

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 (%)
0144010-001 MH-407	Media Center West Carpet			
	Carpet, Gray	LAYER 1 40%	None Detected	Synthetic Fiber 80% Non-Fibrous Material 20%
	Backing, Gray	LAYER 2 40%	None Detected	Synthetic Fiber 60% Non-Fibrous Material 40%
	Carpet Pad, Yellow	LAYER 3 20%	None Detected	Synthetic Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos:	No Asbestos Detected	
0144010-002 MH-408	Media Center East Carpet			
	Carpet, Gray	LAYER 1 40%	None Detected	Synthetic Fiber 80% Non-Fibrous Material 20%
	Backing, Gray	LAYER 2 40%	None Detected	Synthetic Fiber 60% Non-Fibrous Material 40%
	Mastic, Beige	LAYER 3 20%	None Detected	Synthetic Fiber 10% Non-Fibrous Material 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	(%)
0144010-003 MH-409	Media Center South Carpet Carpet, Gray	LAYER 1 70%	None Detected		Synthetic Fiber Non-Fibrous Material	80% 20%
	Backing, Gray	LAYER 2 20%	None Detected		Synthetic Fiber Non-Fibrous Material	60% 40%
	Mastic, Beige	LAYER 3 10%	None Detected		Synthetic Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144010-004 MH-410	Sound Studio 6" Brown Base Cove/Tan Mastic	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Cove Base, Brown and Gray	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Mastic, Beige	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
	Paper, Brown					
	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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0144010-005 MH-411	Studio 2 6" Brown Base Cove/Tan Mastic	LAYER 1	None Detected	Non-Fibrous Material 100%
	Cove Base, Brown and Gray	60%		
	Mastic, Beige	LAYER 2	None Detected	Cellulose Fiber 5%
		20%		Non-Fibrous Material 95%
	Paper, Beige	LAYER 3	None Detected	Cellulose Fiber 90%
		20%		Non-Fibrous Material 10%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected	
0144010-006 MH-412	Audio Visual 6" Brown Base Cove/Tan Mastic	LAYER 1	None Detected	Non-Fibrous Material 100%
	Cove Base, Black and Gray	70%		
	Mastic and Paint, Beige	LAYER 2	None Detected	Cellulose Fiber 5%
		30%		Non-Fibrous Material 95%
	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
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	(%)
0144010-007 MH-413	Sound Studio Carpet Patch					
	Carpet, Brown	LAYER 1 40%	None Detected		Synthetic Fiber	80%
					Non-Fibrous Material	20%
	Backing, Black	LAYER 2 40%	None Detected		Synthetic Fiber	20%
					Non-Fibrous Material	80%
	Mastic, Beige and Black	LAYER 3 20%	Chrysotile	10%	Synthetic Fiber	10%
					Non-Fibrous Material	80%
	Asbestos Present: Yes	Total % Asbestos:		2%		
0144010-008 MH-414	Library Workroom Sink Undercoat					
	Undercoat, Black	LAYER 1 100%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		10%		
0144010-009 MH-415	Sound Studio Drywall/Joint Compound					
	Caulk, White	LAYER 1 40%	None Detected		Cellulose Fiber	5%
					Non-Fibrous Material	95%
	Paper, Brown	LAYER 2 40%	None Detected		Cellulose Fiber	90%
					Non-Fibrous Material	10%
	Drywall, White	LAYER 3 20%	None Detected		Cellulose Fiber	10%
					Non-Fibrous Material	90%
	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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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 (%)
0144010-010 MH-416	Sound Studio Drywall/Joint Compound			
	Brown Paper, Yellow Paint	LAYER 1 50%	None Detected	Cellulose Fiber 90% Non-Fibrous Material 10%
	Drywall, White	LAYER 2 50%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144010-011 MH-417	Sound Studio Drywall/Joint Compound			
	Paper, Brown	LAYER 1 20%	None Detected	Cellulose Fiber 90% Non-Fibrous Material 10%
	Drywall, White	LAYER 2 80%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144010-012 MH-418	Room 305 12" Gray Tile, Mastic			
	Floor Tile, Gray	LAYER 1 90%	None Detected	Non-Fibrous Material 100%
	Mastic, Beige	LAYER 2 10%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
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	(%)
0144010-013 MH-419	Room 302 12" Gray Tile, Mastic Floor Tile, Gray	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Non-Fibrous Material	100%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144010-014 MH-420	Room 302 12" Gray 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	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144010-015 MH-421	Office 305 12" Beige Floor Tile, Mastic Floor Tile, Beige	LAYER 1 90%	Chrysotile	5%	Non-Fibrous Material	95%
	Mastic, Black	LAYER 2 10%	Chrysotile	5%	Cellulose Fiber Non-Fibrous Material	5% 90%
Asbestos Present: Yes		Total % Asbestos:		5%		



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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144010-016 MH-422	Office 305 12" Beige Floor Tile, Mastic Floor Tile, Beige	LAYER 1 80%	Chrysotile	5%	Non-Fibrous Material	95%
	Mastic, Black	LAYER 2 20%	Chrysotile	10%	Non-Fibrous Material	90%
	Asbestos Present: Yes	Total % Asbestos:		6%		
0144010-017 MH-423	Office 305 12" Beige Floor Tile, Mastic Floor Tile, Beige	LAYER 1 70%	Chrysotile	5%	Non-Fibrous Material	95%
	Mastic, Black	LAYER 2 30%	Chrysotile	10%	Cellulose Fiber Non-Fibrous Material	10% 80%
	Asbestos Present: Yes	Total % Asbestos:		7%		
0144010-018 MH-424	Room 301 12" Gray Floor Tile, Mastic Floor Tile, Gray	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			



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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.: 0144010
Report Date: 08/21/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Downstairs

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/19/2024

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	(%)
0144010-019 MH-425	Room 301 12" Gray 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	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144010-020 MH-426	Room 301 12" Gray 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		



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	<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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Job Location: Menchville High School Original Downstairs

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Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/19/2024

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	(%)
0144010-021	Outside Left 301 Door Caulk, Joint Compound, Drywall, Insulation					
MH-427	Caulk, White	LAYER 1 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Paper, Brown	LAYER 2 30%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
	Drywall, White	LAYER 3 30%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Insulation, Yellow	LAYER 4 30%	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 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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MCS Report No.: 0144010
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Date Sampled: 08/01/2024
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Date Analyzed: 08/19/2024

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	(%)
0144010-022	Across 300 Tool Room Joint Compound, Drywall, Insulation					
MH-428	Joint Compound, White	LAYER 1 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Paper, Brown and White	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
	Drywall, Gray	LAYER 3 50%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Insulation, Yellow	LAYER 4 20%	None Detected		Fibrous Glass Non-Fibrous Material	90% 10%
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 Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Downstairs

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/19/2024

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 (%)
0144010-023 MH-429	Room 300 Left by Window Joint Compound, Drywall, Insulation Joint Compound, White	LAYER 1 50%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
	Paper, Brown and White	LAYER 2 20%	None Detected	Cellulose Fiber 90% Non-Fibrous Material 10%
	Drywall, White	LAYER 3 10%	None Detected	Cellulose Fiber 10% Non-Fibrous Material 90%
	Insulation, Yellow	LAYER 4 20%	None Detected	Fibrous Glass 90% Non-Fibrous Material 10%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144010-024 MH-430	300 Hall White Terrazzo Flooring Material, 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 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
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Newport News VA 23602

MCS Report No.: 0144010
Report Date: 08/21/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School Original Downstairs

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/19/2024

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.

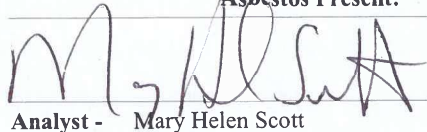
REPORT OF ANALYSIS

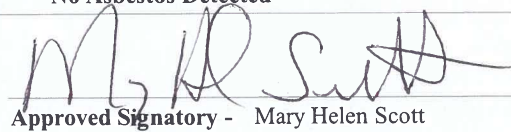
MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144010-025	301 Entry Hall 4" Black Base Cove/Tan Mastic					
MH-431	Cove Base, Black and Gray	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic and Paint, Beige	LAYER 2 30%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%

Asbestos Present: No

Total % Asbestos:

No Asbestos Detected


Analyst - Mary Helen Scott


Approved Signatory - Mary Helen Scott
Laboratory Supervisor

Method Detection Limit: = <1%

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



Marine Chemist Service, Inc.

11850 Tug Boat Lane • Newport News, VA 23606

(757) 873-0933 • (757) 873-1074 (fax)

www.MarineChemist.com

Page 1 of 2

Customer: Newport News Public Schools

Address: 761 Hagan Dr.

Newport News, VA, 23606

Contact: Pennie Boyack

Phone: 257-503-1192 Fax: _____

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

MCS Job #: 24-0855 Customer PO: _____

Job Location: Menchville HS Original Downstairs

BULK Chain of Custody Form

(use separate form for each matrix)

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: _____

MCS Use Only

Project Manager _____

Special Instructions _____

DO NOT MAIL ☐ Give Report To: _____

MCS Lab Report No. 0144010 LB 8-1-24

Samples Acceptable to Lab ☒ Yes ☐ No By _____

Date _____ If "No" Reason _____

Field ID	Sample Location	Sample Description	MCS Sample No.
<i>example</i>	<i>room or area</i>	<i>size / color / material</i>	<i>lab use only</i>
MH-407	Media Center West	Carpet	0144010-001
MH-408	Media Center East	Carpet	0144010-002
MH-409	Media Center South	carpet	0144010-003
MH-410	Sound Studio	6" brown base coat / tan mastic	0144010-004
MH-411	Studio 2	6" brown base coat / tan mastic	0144010-005
MH-412	audio-visual	6" brown base coat / tan mastic	0144010-006
MH-413	Sound Studios	Carpet patch	0144010-007
MH-414	Library Workroom	Sink undercoat	0144010-008
MH-415	Sound Studio	Dry wall / Joint compound	0144010-009
MH-416	Sound Studio	Dry wall / Joint compound	0144010-010
MH-417	Sound Studio	Dry wall / Joint compound	0144010-011
MH-418	Room 305	12" Gray tile, Mastic	0144010-012
MH-419	Room 302	12" Gray tile, Mastic	0144010-013
MH-420	Room 300	12" Gray tile, Mastic	0144010-014
MH-421	Office 305	12" Beige floor tile, Mastic	0144010-015
MH-422	Office 305	12" Beige floor tile, Mastic	0144010-016
MH-423	Office 305	12" Beige floor tile, Mastic	0144010-017
MH-424	Room 301	12" Gray floor tile / mastic	0144010-018
MH-425	Room 301	12" Gray floor tile / mastic	0144010-019
MH-426	Room 301	12" Gray floor tile / mastic	0144010-020

Matt Richmond
Sampled by (Print)

[Signature]
Signature

8/1/24
Date/Time

OFFICE USE ONLY:

Mailed ☐ Billing ☐

Matt Richmond
Transported by (Print)

[Signature]
Signature

8/1/24
Date/Time

Verbal _____

Faxed _____

Copied _____

Emailed _____

Logan Ballowe
Received by (Print)

[Signature]
Signature

8-1-24 16:22
Date/Time

(date and initial above areas)

10/28/2024

MCS Report #24-0855
Menchville High School
275 Menchville Rd. Newport News, VA 23602

C:\Users\brandi\Documents\L100-Bulk COC11

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Form L100 (2/2007)

Page 291 of 328



Marine Chemist Service, Inc.
11850 TUG BOAT LANE
NEWPORT NEWS, VA 23606-2527
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Credentials	Agency	Scope
Accreditation	AIHA LAP, LLC	<u>Laboratory ID: 100551</u>
	ELLAP	Lead in Paint, Soil, Wipe & Air
	EMLAP	Fungal Direct Examination: Air & Tape
	IHLAP	Asbestos: PCM
		Dust: Gravimetry
		Metals: Air
Accreditation	NIST	<u>Laboratory Code: 200628-0</u>
	NVLAP	Asbestos Bulk: PLM
Virginia Certification	VELAP	<u>Laboratory No: 460257</u>
	TNI	RCRA 8 Metals: TCLP & NPW
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
		<u>License No.: 3333.000004</u>
		Asbestos: PLM & PCM

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

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

MCS Report No.: 0144011
Report Date: 08/16/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 1986 Addition

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/15/2024

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	(%)
0144011-001 MH-432	Room 019 Right of Door Beige Door Caulk Caulk, White and Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-002 MH-433	Room 020 Right of Door Beige Door Caulk Caulk, White and Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-003 MH-434	Room 017 Under Window 4" Brown Base Cove/ Mastic Cove Base, Brown	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 40%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-004 MH-435	Locker 1423 4" Brown Base Cove/ Mastic Cove Base, Brown	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Gray	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-005 MH-436	Room 018 Left Corner 6" Brown Base Cove/ Mastic Cove Base, Brown	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Wall Material, White	LAYER 3 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-006 MH-437	Room 015 Under Window 6" Brown Base Cove/ Mastic					
	Cove Base, Brown	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 10%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Wall Material, White	LAYER 3 10%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-007 MH-438	Room 013 Lab Counter Top Black Transite Hard Cementitious Material, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-008 MH-439	Room 011 Lab Counter Top Black Transite Hard Cementitious Material, Black	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>
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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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-009 MH-440	Room 012 Right Window Innermost Black Caulk Caulk, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-010 MH-441	Room 010 Right Window Innermost Black Caulk Caulk, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-011 MH-442	Room 011 Left Window Outermost Black Caulk Caulk, Black	LAYER 1 100%	None Detected		Non-Fibrous Material	100%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-012 MH-443	Room 013 Left Window Outermost Black Caulk Caulk, Black	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
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 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.: 0144011
Report Date: 08/16/2024
MCS Job No.: 24-085S
Customer PO No.:

Date Sampled: 08/01/2024
Sampled By: Matthew Richmond
Job Location: Menchville High School 1986 Addition

Date Received: 08/01/2024
Received By: LB
Sample Matrix: BULK
Date Analyzed: 08/15/2024

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 (%)
0144011-013 MH-444	B6 Exiting Door Left Clear Window Glaze Glazing, Clear	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144011-014 MH-445	B6 Exiting Door Right Clear Window Glaze Glazing, Clear	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144011-015 MH-446	Room 016 Right Window Black Soapstone Cementitious Material, Black	LAYER 1 100%	None Detected	Non-Fibrous Material 100%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0144011-016 MH-447	Room 014 Window Black Soapstone Cementitious Material, Black	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

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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-017 MH-448	Room 016 Beige Floor Tile/ Mastic					
	Floor Tile, White	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige and Black	LAYER 2 10%	None Detected		Polyethylene	10%
	Flooring Material, Beige	LAYER 3 10%	None Detected		Non-Fibrous Material	90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-018 MH-449	Room 018 Beige Floor Tile/ Mastic					
	Floor Tile, Beige	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige and Black	LAYER 2 10%	None Detected		Polyethylene	10%
	Flooring Material, Beige	LAYER 3 20%	None Detected		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 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	(%)
0144011-019 MH-450	Room 014 Beige Floor Tile/ Mastic Floor Tile, Beige	LAYER 1 60%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige and Black	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
	Flooring Material, Beige	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-020 MH-451	Room 016 Under Window Green Floor Tile Patch Floor Tile, White	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 20%	None Detected		Polyethylene Non-Fibrous Material	10% 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
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
		<u>License No.: 3333.000004</u>
		Asbestos: PLM & PCM

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

REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-021 MH-452	West End of Hall White Floor Tile Patch/ Mastic					
	Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 10%	None Detected		Polyethylene	5%
					Non-Fibrous Material	95%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-022 MH-453	Middle of Hall Tan Floor Tile Patch/ Mastic Floor Tile, White	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige and Black	LAYER 2 10%	None Detected		Polyethylene	10%
					Non-Fibrous Material	90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-023 MH-454	Hall at 014 Joint Expansion Caulk-Like Material, 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
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	(%)
0144011-024 MH-455	Café 3 6" Brown Base Cove and Mastic Cove Base, Brown and Gray	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige	LAYER 2 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-025 MH-456	Café 3 Brick Joint Expansion Caulk Caulk and Paint, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-026 MH-457	Café 3 Block Joint Expansion Caulk Caulk and Paint, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	5% 95%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-027 MH-458	Café 3 Back Exit Left Door Caulk Caulk, 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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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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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	(%)
0144011-028 MH-459	Café 3 East Beige Floor Tile/ Mastic					
	Floor Tile, Beige	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		
0144011-029 MH-460	Café 3 North Beige Floor Tile/ Mastic					
	Floor Tile, Beige	LAYER 1 70%	None Detected		Non-Fibrous Material	100%
	Mastic, Beige and Black	LAYER 2 10%	None Detected		Polyethylene Non-Fibrous Material	5% 95%
	Flooring Material, Beige	LAYER 3 20%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 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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REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
0144011-030 MH-461	Café 3 Middle Beige Floor Tile/ Mastic					
	Floor Tile, Beige	LAYER 1 50%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 20%	None Detected		Polyethylene Cellulose Fiber Non-Fibrous Material	10% 5% 85%
	Flooring Material, Beige	LAYER 3 30%	None Detected		Cellulose Fiber Non-Fibrous Material	10% 90%
Asbestos Present: No		Total % Asbestos:		No Asbestos Detected		
0144011-031 MH-462	Café 3 Under Window White Floor Tile/ Mastic Patches					
	Floor Tile, White	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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	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	(%)
0144011-032 MH-463	Hall at Café 3 Beige Floor Tile/ Mastic Floor Tile, Beige	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 20%	None Detected		Polyethylene	10%
					Non-Fibrous Material	90%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-033 MH-464	Hall at Café 3 Blue Floor Tile/ Mastic Patch Floor Tile, Blue	LAYER 1 80%	None Detected		Non-Fibrous Material	100%
	Mastic, Black	LAYER 2 20%	None Detected		Polyethylene	10%
					Cellulose Fiber	5%
					Non-Fibrous Material	85%
	Asbestos Present: No	Total % Asbestos:	No Asbestos Detected			
0144011-034 MH-465	Hall at Café 3 Gray Door Caulk White Caulk, Gray Paint	LAYER 1 90%	None Detected		Non-Fibrous Material	100%
	Wall Material, White	LAYER 2 10%	None Detected		Cellulose Fiber	5%
					Non-Fibrous Material	95%
	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
Virginia Laboratory	DGS - DPOR	Lead and Copper: Drinking Water
		<u>License No.: 3333.000004</u>
		Asbestos: PLM & PCM

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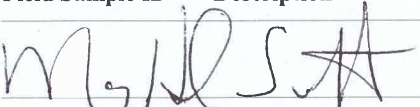
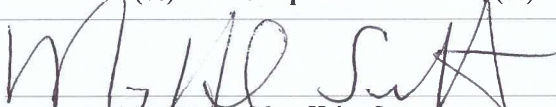
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REPORT OF ANALYSIS

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 1986 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. 0144011 LB 8-1-24

Samples Acceptable to Lab

☒ Yes

No By _____

Date _____

If "No" Reason _____

Field ID	Sample Location	Sample Description	MCS Sample No.
<i>example</i>	<i>room or area</i>	<i>size / color / material</i>	<i>lab use only</i>
MH-432	Room 019 (R) of door	beige door caulk	0144011-001
MH-433	Room 020 (R) of door	beige door caulk	0144011-002
MH-434	Room 017 under window	4" brown Base coat/mastic	0144011-003
MH-435	locker 1423	4" brown base coat/mastic	0144011-004
MH-436	Room 018 left corner	6" brown base coat/mastic	0144011-005
MH-437	Room 015 under window	6" brown base coat/mastic	0144011-006
MH-438	Room 013 lab counter top	black transite	0144011-007
MH-439	Room 011 lab counter top	black transite	0144011-008
MH-440	Room 012 right window	innermost black caulk	0144011-009
MH-441	Room 010 right window	innermost black caulk	0144011-010
MH-442	Room 011 left window	outermost black caulk	0144011-011
MH-443	Room 013 left window	outermost black caulk	0144011-012
MH-444	B6 exiting door left	clear window glaze	0144011-013
MH-445	B6 exiting door right	clear window glaze	0144011-014
MH-446	Room 016 right window	black Soap Stone	0144011-015
MH-447	Room 014 window	black Soap Stone	0144011-016
MH-448	Room 016	Beige floor tile/mastic	0144011-017
MH-449	Room 018	Beige floor tile/mastic	0144011-018
MH-450	Room 014	Beige floor tile/mastic	0144011-019
MH-451	Room 016 Under window	Green floor tile patch	0144011-020

Matt Richmond
Sampled by (Print)

10
Signature

8/1/24
Date/Time

OFFICE USE ONLY:

Matt Richmond
Transported by (Print)

10
Signature

8/1/24
Date/Time

Verbal _____

Faxed _____

Copied _____

Emailed _____

Logan Balko
Received by (Print)

Logan Balko
Signature

8-1-24 16:26
Date/Time

(date and initial above areas)

Mailed _____

Billing _____

MCS Report #24-0855

Mechville High School

275 Mechville Rd. Newport News, VA 23602

C:\Documents and Settings\Sally.marinechemistse\My Documents\L100-Bulk COC12

10/28/2024

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