Midwest Environmental Consulting Services

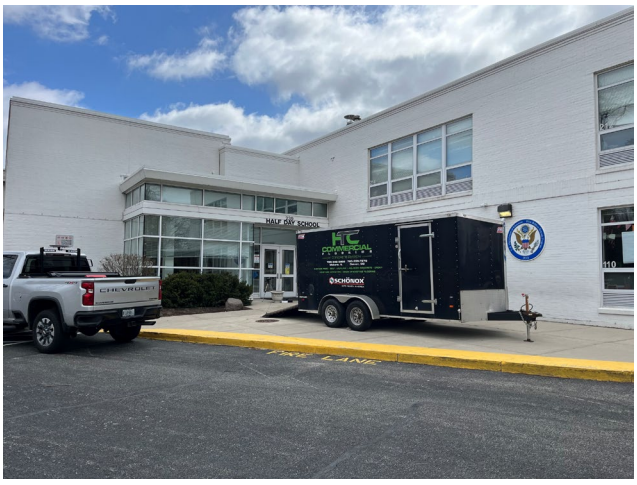
NON-VIABLE MOLD SAMPLING

Prepared for:

LINCOLNSHIRE PRAIRIEVIEW SCHOOL DISTRICT #103

111 Barclay Boulevard
Lincolnshire, IL 60069

Project Location:



HALF-DAY SCHOOL

239 Olde Half-Day Road
Lincolnshire, IL 60069

March 26, 2025

MEC Project #: 25-03-0326-IH

Corporate Headquarters
2551 N. Bridge Street
Yorkville, Illinois 60560
P: 630-553-3989

Chicago Office
954 W. Washington Blvd.
Suite 425
Chicago, Illinois 60607
P: 312-535-3228

Peoria Office
3100 N. Knoxville Ave.
Suite 204
Peoria, Illinois 61603
P: 309-621-4680

LINCOLNSHIRE PRAIRIEVIEW
SCHOOL DISTRICT #103
HALF-DAY SCHOOL

239 Olde Half-Day Road
Lincolnshire, IL 60069

Table of Contents
MEC Project #: 25-03-0326-IH

Midwest Environmental Consulting Services, Inc.
2551 N. Bridge Street
Yorkville, IL 60560
(630) 553-3989 Fax (630) 553-3990

Midwest Environmental Consulting Services

March 24, 2025

Lincolnshire Prairieview School District #103
111 Barclay Boulevard
Lincolnshire, IL 60069

Attention: Mr. Eric Johnson, Director of Facilities

Subject: **Non-Viable Mold Air Sampling**
Half-Day School
239 Olde Half-Day Road, Lincolnshire, IL 60069
MEC Project #: 25-03-0326-IH

Dear Mr. Johnson:

On March 24, 2025, Mr. Michael Glenn from Midwest Environmental Consulting Services, Inc. (MEC), collected a total of four (4) non-viable mold air samples from select areas within Half-Day School, located at 239 Olde Half-Day Road, Lincolnshire, Illinois 60069. Air-O-Cell cassettes were utilized for the sample collection.

Mold air samples were collected from the following areas:

• Outdoors	• Room 130
• Room 136	• Room 150

An independent laboratory (EMSL Analytical, Inc., Hillside, Illinois) accredited by the American Industrial Hygiene Association (AIHA) was used for all microscopic identification.

There are many variables to consider when interpreting indoor airborne mold concentrations, including:

- The indoor concentrations of *Aspergillus/Penicillium*, *Chaetomium*, and/or *Fusarium*, should be less than their respective outdoor concentrations.
- *Stachybotrys/Memnoniella* should be absent from indoor environments.
- Ideally, the amount of total molds found indoors should be 1,000 Count/m³ or less.

No Chaetomium, Fusarium, or Stachybotrys/Memnoniella were detected in any of the air samples collected. These molds are commonly associated with the presence of water impacted building materials and have the potential to cause adverse health effects in humans. If there is a disproportionate presence indoors (when compared with an outdoor air sample), this would provide evidence that water impacted building materials are present in the indoor areas and may lead to further mold growth.

Aspergillus/Penicillium was reported 480 Counts/m^3 in Room 150, 740 Counts/m^3 in Room 136, and 790 Counts/m^3 in Room 130. These results were less than 1,000 Counts/m^3 and the outdoor concentration of 1,400 Counts/m^3.

In relation to the outdoor air sample, no spores were present that in elevated airborne concentrations that exceeded outdoor concentrations.

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Peoria Office
3100 N. Knoxville Ave.
Suite 204
Peoria, Illinois 61603
P: 309-621-4680

If you have any questions or concerns, please feel free to contact me at (630) 553-3989. Thank you for providing us with an opportunity to service your environmental needs.

Respectfully submitted,
Midwest Environmental Consulting Services, Inc.

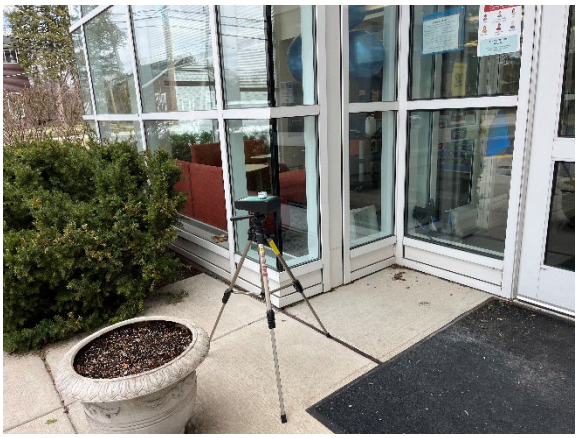
Michael Glenn, PE
Project Engineer

Mold Air Sample Location Photographs

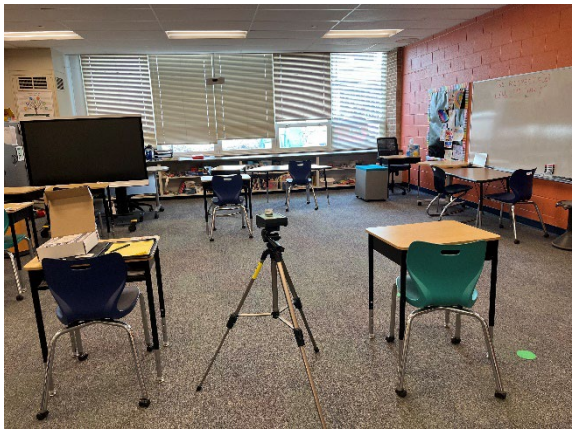
LINCOLNSHIRE PRAIRIEVIEW SCHOOL DISTRICT #103 – HALF-DAY SCHOOL

239 Olde Half-Day Road, Lincolnshire, IL 60069

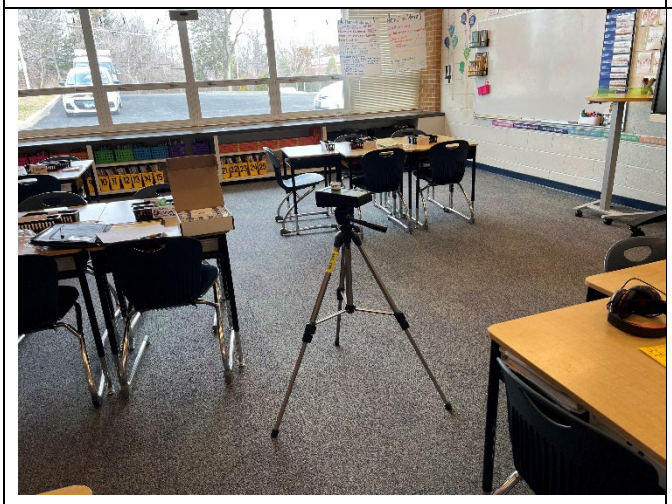
March 24, 2025



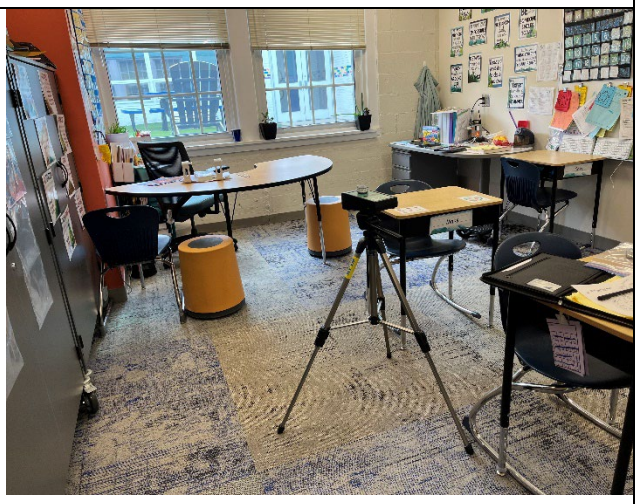
View of Outdoor Sample Location.
Location of Mold Air Sample 3924-8438.



View of Sample Location in Classroom 130.
Location of Mold Air Sample 3924-8431.



View of Sample Location in Classroom 136.
Location of Mold Air Sample 3924-8453.



View of Sample Location in Room 150.
Location of Mold Sample 3924-8340.

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

POSTED

EMSL Order: 262502544
Customer ID: MECO77
Customer PO:
Project ID:

Attention: Michael Glenn
Midwest Environmental Consulting Svs.
2551 North Bridge Street
Yorkville, IL 60560

Phone: (630) 553-3989
Fax: (630) 553-3990
Collected Date:
Received Date: 03/24/2025 12:10 PM
Analyzed Date: 03/28/2025

Project: 25-03-326-IH LINCOLNSHIRE SD-HALF DAY SCHOOL

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	262502544-0001			262502544-0002			262502544-0003		
Client Sample ID:	3924-8431			3924-8453			3924-8430		
Volume (L):	75			75			75		
Sample Location:	RM 130			RM 136			RM 150		
Spore Types	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium++	18	790	100	17	740	89.2	11	480	100
Basidiospores	-	-	-	2	90	10.8	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	**18**	**790**	**100**	**19**	**830**	**100**	**11**	**480**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	3	-	-	2	-	-	3	-
Fibrous Particulate (1-4)	-	2	-	-	1	-	-	2	-
Background (1-5)	-	1	-	-	1	-	-	1	-

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

No discernable field blank was submitted with this group of samples.

Andrei Poluchowicz, Microbiology Technical Manager or other Approved Signatory

Initial report from: 03/28/2025 05:05 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

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Attention: Michael Glenn
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Phone: (630) 553-3989
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Collected Date:
Received Date: 03/24/2025 12:10 PM
Analyzed Date: 03/28/2025

Project: 25-03-326-IH LINCOLNSHIRE SD-HALF DAY SCHOOL

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	**262502544-0004**					
Client Sample ID:	**3924-8438**					
Volume (L):	**75**					
Sample Location:	**OUTDOORS**					
Spore Types	**Raw Count†**	**Count/m³**	**% of Total**			
Alternaria (Ulocladium)	1	40	2.4			
Ascospores	-	-	-			
Aspergillus/Penicillium++	33	1400	83.8			
Basidiospores	3	100	6			
Bipolaris++	-	-	-			
Chaetomium++	-	-	-			
Cladosporium	2	90	5.4			
Curvularia	-	-	-			
Epicoccum	-	-	-			
Fusarium++	-	-	-			
Ganoderma	-	-	-			
Myxomycetes++	-	-	-			
Pithomyces++	-	-	-			
Rust	-	-	-			
Scopulariopsis/Microascus	-	-	-			
Stachybotrys/Memnoniella	-	-	-			
Unidentifiable Spores	1	40	2.4			
Zygomycetes	-	-	-			
Total Fungi	**40**	**1670**	**100**			
Hyphal Fragment	-	-	-			
Insect Fragment	-	-	-			
Pollen	3	100	-			
Analyt. Sensitivity 600x	-	44	-			
Analyt. Sensitivity 300x	-	13*	-			
Skin Fragments (1-4)	-	1	-			
Fibrous Particulate (1-4)	-	1	-			
Background (1-5)	-	1	-			

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Andrei Poluchowicz, Microbiology Technical Manager or other Approved Signatory

No discernable field blank was submitted with this group of samples.

Initial report from: 03/28/2025 05:05 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

OrderID: 262502544

Microbiology Chain of Custody Form

EMSL Order Number / Lab Use Only: 262502544

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnMicroLab@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information

Customer ID:
Company Name: Midwest Environmental Consulting
Contact Name: Michael Glenn
Street Address: 2551 N Bridge Street
City, State, Zip: Yorkville, IL 60560 Country: USA
Phone: 630-553-3989
Email(s) for Report: Mglenn@mec-us.com

Billing Information

Billing ID:
Company Name:
Billing Contact:
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Invoice:

Project Information

Project Name/No: 25-03-326-1H Lincolnshire SD - Half Day School
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
State Samples Collected:
Zip Code Samples Collected::
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-taxable)
Sampled By Name: Michael Glenn
Sampled By Signature: Michael Glenn
No. of Samples in Shipment: 4

Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ Biocide Used in Source (specify)
Public Water Supply Samples: ☐ Note: All results may automatically be reported to DOH if required by State.

Turn-Around-Time (TAT) Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32* Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week

MICROBIOLOGY TEST CODES

M001 Air-O-Cell ☒	M174 MoldSnap	M012 *Pseudomonas aeruginosa* (P/A***)	M115 Sewage Screen - Water (P/A***)
M030 MICRO 5	M032 Allergenco-D	M024 *Pseudomonas aeruginosa* (MFT*)	M116 Sewage Screen - Water (MPN**)
M041 Fungal Direct Examination		M015 Heterotrophic Plate Count	M117 Sewage Screen - Swab (P/A***)
M169 Pollen ID & Enumeration		M017 Total Coliform & *E. Coli* (Colilert P/A***)	M013 Sewage Screen - Swab (MFT*)
M280 Dust Characterization Level-1		M018 Total Coliform & *E. Coli* (MFT*)	M730 *Methicillin-resistant Staph, aureus* (MRSA)
M281 Dust Characterization Level-2		M114 Total Coliform & *E. Coli Enumeration (Colilert MPN**)*	M031 Rapid-growing non-TB *Mycobacteria* Detection & Enumeration
M005 Viable Fungi-Air Samples (Genus ID & Count)		M019 Fecal Coliform (MFT*)	
M006 Viable Fungi-Air Samples (Includes *Penicillum, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)		M029 *Enterococci* (MFT*)	M014 Endotoxin Analysis
M007 Culturable Fungi-Surface Samples (Genus ID & Count)		M129 *Enterococci* (Enterolert P/A***)	M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite)
M008 Culturable Fungi-Surface Samples (Includes *Penicillum, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)		M180 Real Time qPCR-ERMI 36 Panel	M095 Bacteroides
		M025 Sewage Screen - Water (MFT*)	Other - See Analytical Price Guide for Test Code
			Legionella Analysis Please use EMSL *Legionella* COC
M009 Bacteria Culture Gram Stain & Count		*MFT= Membrane Filtration Technique	
M010 Bacteria Count & ID - 3 Most Prominent		**MPN = Most Probable Number	
M011 Bacteria Count & ID - 5 Most Prominent		***P/A = Presence/Absence	

Sample #	Sample Location/Description	Sample Type (Matrix)	Potable / Non-Potable (Only for Water)	Test Code	Volume/Area	Date / Time Collected	Temperature (Lab Use Only)
Example: Sample 1	Kitchen	Water	Potable	M017	1,000 ml	1/1/2021 3:30pm	
3924-8431	Rm 130					3/24/25	
3924-8453	Rm 136						
3924-8340	Rm 150						
3924-8438	Outdoors						

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

M001-Air-O-Cell Analysis - Non-Viable Mold

Temperature (Lab Use Only)

Method of Shipment: Drop off
Sample Condition Upon Receipt:
Received on Ice? Check if Yes: ☐

Relinquished by: Michael Glenn Date/Time: 3/27/25 @ 10 PM
Received by: [illegible] Date/Time: 3/24/25 12:10

Relinquished by: Date/Time:
Received by: Date/Time:

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

4140 Litt Dr Hillside, IL 60162-1120

Laboratory ID: LAP-102992

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs, LLC (AIHA LAP) accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: December 01, 2026
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: December 01, 2026
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: December 01, 2026
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:
☐	**BE FIELD/MOBILE**	Accreditation Expires:

Specific Field(s) of Testing/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision21: 10/24/2023

Date Issued: 12/01/2024

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

Laboratory ID: LAP-102992

Issue Date: 12/01/2024

4140 Litt Dr Hillside, IL 60162-1120

Expire Date: 12/01/2026

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 12/01/2004

EMLAP Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description *(for internal methods only)*
Bacterial	Legionella	Water, Swabs, Soil and Air	MICRO-SOP-105	ISO 11731:2017
Fungal	Air - Direct Examination	Spore Trap	MICRO-SOP-201	Standard Operating Procedure for the Analysis of Airborne Fungal Spores, Hyphal Fragments, Pollen, Insect Fragments, Skin Fragments and Fibrous Particulate by Optical Microscopy of Spore Trap Samples
Fungal	Bulk - Direct Examination	Bulks (liquid or solid)	MICRO-SOP-200	Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Particulate from Surface Samples
Fungal	Surface - Direct Examination	Swab or Tape Lift	MICRO-SOP-200	Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Particulate from Surface Samples

A complete listing of currently accredited EMLAP laboratories is available on the AIHA LAP, LLC website at: http://www.aihaaccreditedlabs.org

Effective: 10/24/2023
Revision: 8