

NON-VIABLE MOLD SAMPLING

Prepared for:

LINCOLNSHIRE – PRAIRIEVIEW SCHOOL DISTRICT #103

111 Barclay Blvd. Suite 100
Lincolnshire, IL 60069

Project Location:



DANIEL WRIGHT JUNIOR HIGH SCHOOL – Room 209

*1370 N. Riverwood Road
Lincolnshire, IL 60069*

Date: November 13, 2023

MEC Project #: 23-10-699-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**

**DANIEL WRIGHT JUNIOR HIGH SCHOOL –
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1370 N. Riverwoods Road
Lincolnshire, IL 60069

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MEC Project #: 23-10-699-IH

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Midwest Environmental Consulting Services

November 13, 2023

Lincolnshire - Prairieview School District
#103 111 Barclay Blvd Suite 100
Lincolnshire, IL 60069

Attention: Mr. Eric Jonasson, Director of Facilities

Subject: **Non-Viable Mold Air Sampling
Daniel Wright Junior High
1370 N. Riverwoods Road, IL 60069
MEC Project #: 23-10-699-IH**

Dear Mr. Jonasson:

On November 13, 2023, Mr. Michael Di Canio from Midwest Environmental Consulting Services, Inc. (MEC), collected a total of two (2) non-viable mold air samples from select areas within Daniel Wright Junior High, located at 1370 N. Riverwoods 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 209
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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.

In relation to the outdoor air sample, *Aspergillus/Penicillium* were not present in elevated airborne concentrations.

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Indoor locations with total airborne mold concentrations over 1,000 Count/m³ include the following areas:

- Room 209

Daniel Wright Junior High should consider engaging the services of a qualified mold remediation contractor to clean these areas in conformance with EPA/AIHA guidelines. Provide for follow-up air testing to verify the effectiveness of any cleaning conducted.

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 Di Canio
Industrial Hygienist

Mold Air Sample Location Photographs
Daniel Wright Junior High - Room 209
1370 N. Riverwoods Road, Lincolnshire, IL 60069
November 13, 2023



*View of Outdoors.
Location of Mold Air Sample 36876408.*



*View of Room 209.
Location of Mold Air Sample 36876372.*



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: 262310494
Customer ID: MECO77
Customer PO:
Project ID:

Attention: Mike DiCanio
Midwest Environmental Consulting Svcs.
2551 North Bridge Street
Yorkville, IL 60560

Phone: (630) 553-3989
Fax: (630) 553-3990

Collected Date:
Received Date: 11/13/2023 08:40 AM
Analyzed Date: 11/13/2023

Project: DANIEL WRIGHT JUNIOR HIGH SCHOOL 23-10-699IH

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

Lab Sample Number: Client Sample ID: Volume (L): Sample Location:	262310494-0001 36876372 75 ROOM 209 IWA			262310494-0002 36876408 75 OUTDOORS FRONT ENTRANCE					
	Spore Types	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³			
Alternaria (Ulocladium)	1	40	2.6	1	40	0.3	-	-	-
Ascospores	-	-	-	4	200	1.5	-	-	-
Aspergillus/Penicillium	7	300	19.6	60	2600	19.5	-	-	-
Basidiospores	17	740	48.4	100(122)	5320	39.8	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	10	440	28.8	105	4580	34.3	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	1	40	0.3	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	4	200	1.5	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	1	40	0.3	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	1*	10*	0.7	6	300	2.2	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1	40	0.3	-	-	-
Total Fungi	36	1530	100	305	13360	100	-	-	-
Hyphal Fragment	-	-	-	4	200	-	-	-	-
Insect Fragment	-	-	-	1	40	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	-	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	-	-
Skin Fragments (1-4)	-	2	-	-	1	-	-	-	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	-	-
Background (1-5)	-	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.

Andrei Poluchowicz, Microbiology Technical Manager
or other Approved Signatory

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

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. *** Denotes particles found at 300X. *- Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL AIHA LAP, LLC-EMLAP Accredited #102992

Initial report from: 11/13/2023 07:20 PM

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



Microbiology Chain of Custody Form

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

262310494

PHONE: (800) 220-3675
EMAIL: CinnMicroLab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

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

Customer Information	Customer ID:	Billing ID:
	Company Name: MICROWEST ENVIRONMENTAL	Company Name:
	Contact Name: Michael DiCarlo	Billing Contact:
	Street Address: 2551 N. BRIDGE STREET	Street Address:
	City, State, Zip: Yorkville, IL 60560 Country:	City, State, Zip: Country:
	Phone: 630-553-3989	Phone:
Email(s) for Report: MDICARLO@EMC-IL.COM REPORTS@EMC-US.COM	Email(s) for Invoice:	

Project Information	
Project Name/No: Daniel Wright Junior High School 23-10-699 IA	Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-taxable)
State Samples Collected:	Zip Code Samples Collected:
Sampled By Name: Michael DiCarlo	Sampled By Signature: <i>Michael DiCarlo</i>
Sterile, Sodium Thiosulfate Preserved Bottle Used: <input type="checkbox"/> Biocide Used In Source (specify)	
Public Water Supply Samples: <input type="checkbox"/> 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 8 Hours or Less *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.	
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour
<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 32* Hour
<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour
<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week
<input type="checkbox"/> 2 Week	

MICROBIOLOGY TEST CODES			
M001 Air-O-Cell	M174 MoldSnap	M012 Pseudomonas aeruginosa (PIA***)	M115 Sewage Screen - Water (PIA***)
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 (PIA***)
M169 Pollen ID & Enumeration		M017 Total Coliform & E. Coli (ColiAlert PIA***)	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 (ColiAlert MPN**)	M031 Rapid-growing non-TB Mycobacteria Detection & Enumeration
M005 Viable Fungi-Air Samples (Genus ID & Count)		M019 Fecal Coliform (MFT*)	M014 Endotoxin Analysis
M006 Viable Fungi-Air Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count)		M020 Fecal Streptococcus (MFT*)	M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite)
M007 Culturable Fungi-Surface Samples (Genus ID & Count)		M029 Enterococci (MFT*)	M095 Bacteroides
M008 Culturable Fungi-Surface Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count)		M129 Enterococci (Enterolert PIA***)	Other - See Analytical Price Guide for Test Code
M009 Bacteria Culture Gram Stain & Count		M180 Real Time qPCR-ERMI 36 Panel	Legionella Analysis Please use EMSL Legionella COC
M010 Bacteria Count & ID - 3 Most Prominent		M025 Sewage Screen - Water (MFT*)	
M011 Bacteria Count & ID - 5 Most Prominent		*MFT = Membrane Filtration Technique	
		**MPN = Most Probable Number	
		***PIA = 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	
3687 6372	Room 209 IWA	AIR		M007	75L	11/13/23	
3687 6408	OUTDOORS FRONT ENTRANCE	AIR		M007	75L	11/13/23	

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

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by: <i>Michael J. Per</i>	Date/Time: 11/13/23
Relinquished by:	Date/Time:
Received by:	Date/Time: 11/13/23
Received by:	Date/Time:

Controlled Document - COC-34 Micro R13 03/02/2021 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



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 (AIHA LAP), LLC 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

<input checked="" type="checkbox"/>	INDUSTRIAL HYGIENE	Accreditation Expires: December 01, 2024
<input checked="" type="checkbox"/>	ENVIRONMENTAL LEAD	Accreditation Expires: December 01, 2024
<input checked="" type="checkbox"/>	ENVIRONMENTAL MICROBIOLOGY	Accreditation Expires: December 01, 2024
<input type="checkbox"/>	FOOD	Accreditation Expires:
<input type="checkbox"/>	UNIQUE SCOPES	Accreditation Expires:

Specific Field(s) of Testing (FoT)/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, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

A handwritten signature in cursive script that reads 'Cheryl O. Morton'.

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

4140 Litt Dr Hillside, IL 60162-1120

Laboratory ID: LAP-102992

Issue Date: 12/01/2022

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 or characteristic tested	Method	Method Description <i>(for internal methods only)</i>
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>