



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

MOLD CLEARANCE REPORT

Project Location:

Belleville Henderson CSD
8372 County Route 75
Adams, NY 13605

Prepared for:

Ms. Jane Collins
Superintendent – Belleville/Henderson CSD
8372 County Route 75
Adams, NY 13605

Prepared by:

GYMO Architecture, Engineering, & Land Surveying D.P.C.
18969 US Route 11
Watertown, NY 13601
(315) 788-3900 www.gymodpc.com



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ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

September 14, 2018

Ms. Jane Collins
Superintendent – Belleville/Henderson CSD
8372 County Route 75
Adams, NY 13605

**RE: Mold Clearance Report
Library & Computer Lab**

Dear Superintendent Collins,

As requested, GYMO completed a Mold Clearance Assessment following the remediation of the library located at the Belleville Henderson Central School. Our NYS certified mold assessor Hayward B. Arthur, visited the site on September 11, 2018 and completed a visual inspection and air sampling of property. The following air samples were taken and analyzed for the presence and type of mold.

Sample #	Location	Testing	Spore Count	Spore Count
A1	Library – Elementary Side	Air	610	Basidiospores
A2	Library – High School Side	Air	230	Basidiospores
A3	Computer Lab	Air	320	Basidiospores
A4	Server Room	Air	2860	Aspergillus/Penicillium
A5	Library Office	Air	220	Basidiospores
A6	Ambient	Air	18690	Basidiospores

The spores present in the library and computer lab were the same as the ambient sample and the total spore count has been reduced significantly. All the air samples contained multiple spore types but Basidiospores was the predominant spore type present (which is consistent with ambient conditions). There were Aspergillus/Penicillium spores present in the server room, but the levels were at a relatively low level. Based on the mold assessment, wiping the hard surfaces with an antimicrobial solution should be completed as a precaution. At this time, the mold concern in the library and computer lab has been addressed. No additional actions are required in those areas.

This report is representative of the mold conditions present on September 11, 2018. The conditions are subject to change due to mold being a living and dynamic organism.

If you have any questions pertaining to this report, please contact me directly at (315) 788-3900.

Sincerely,
GYMO Architecture, Engineering & Land Surveying, D.P.C.

Hayward B. Arthur
Principal, Director or Environmental Solutions

Attachment A: License and Certifications
Attachment B: Sampling Data

Xc: Fred Hauck, BOCES

Edward G. Olley, Jr., AIA
Patrick J. Scordo, PE
Ryan G. Churchill, PE
Scott W. Soules, AIA
Brandy W. Lucas, MBA
Hayward B. Arthur III, MPS, IE
Howard P. Lyndaker III, PLS

Gregory F. Ashley, PLS
Thomas H. Ross

In Consultation
Leo F. Gozalkowski, PLS
Stephen W. Yaussi, AIA

ATTACHMENT A

LICENSE AND CERTIFICATIONS



HAYWARD B. ARTHUR, III

EXPIRES: 01-20

CERT# MA00256



IF FOUND, RETURN TO:
NYS DOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240



01213 004533318 43

EYES BLU
HAIR BRN
HGT 6' 0 "

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12

Mold Assessor Company License

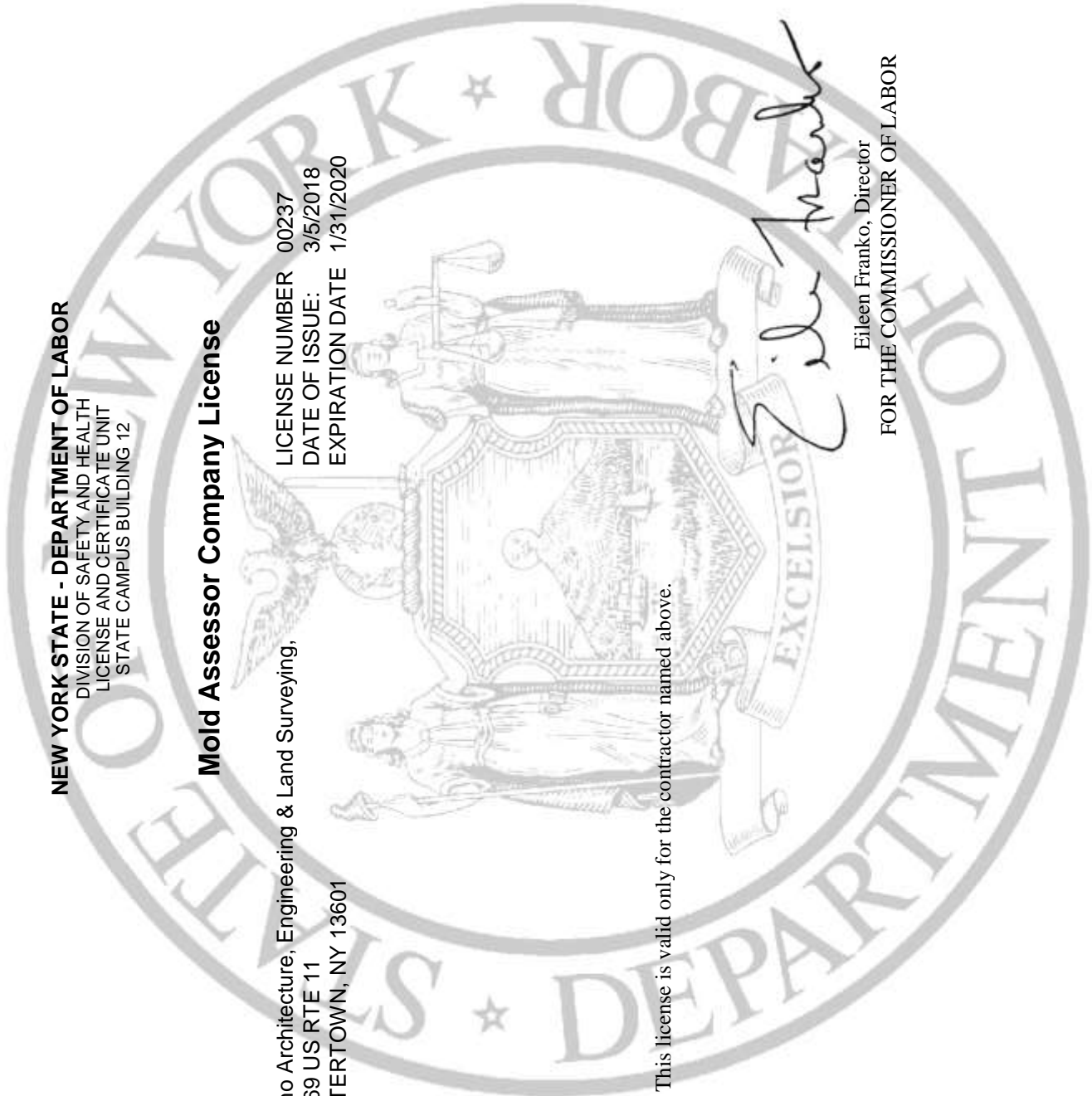
Gymo Architecture, Engineering & Land Surveying,
18969 US RTE 11
WATERTOWN, NY 13601

LICENSE NUMBER 00237
DATE OF ISSUE: 3/5/2018
EXPIRATION DATE 1/31/2020

This license is valid only for the contractor named above.



Eileen Franko, Director
FOR THE COMMISSIONER OF LABOR



ATTACHMENT B

Sampling Data



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com> / cinmicrolab@emsl.com

EMSL Order: 371815962
Customer ID: GYMO50
Customer PO:
Project ID:

Attn: Brad Arthur
GYMO D.P.C.
18969 US Route 11
Watertown, NY 13601

Phone: (315) 788-3900
Fax: (315) 788-0668
Collected: 09/11/2018
Received: 09/13/2018
Analyzed: 09/14/2018

Project: 2018-357

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

Lab Sample Number:	371815962-0001			371815962-0002			371815962-0003		
Client Sample ID:	A1			A2			A3		
Volume (L):	75			75			75		
Sample Location	Elementary Library			High School Library			Computer Lab		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	1	40	12.5
Aspergillus/Penicillium	3	100	16.4	1	40	17.4	2	80	25
Basidiospores	7	300	49.2	3	100	43.5	6	200	62.5
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	4	200	32.8	2	80	34.8	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	1*	10*	4.3	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Bispora	1*	10*	1.6	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	-	-	-
Sporormiella	-	-	-	-	-	-	-	-	-
Total Fungi	15	610	100	7	230	100	9	320	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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

Vincent Iuzzolino, M.S., Laboratory Manager
or other approved signatory

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

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. 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. 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. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC--EMLAP Lab 100194

Initial report from: 09/14/2018 08:37:48

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



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
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Collected: 09/11/2018
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Analyzed: 09/14/2018

Project: 2018-357

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	371815962-0004			371815962-0005			371815962-0006		
	A4	A5	A6	75	75	75	Server Room	Library Office	Ambient
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	1	40	1.4	-	-	-	26	1100	5.9
Aspergillus/Penicillium	67	2700	94.4	3	100	45.5	-	-	-
Basidiospores	1	40	1.4	1	40	18.2	400	16300	87.2
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	1.4	-	-	-	24	980	5.2
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	5	200	1.1
Myxomycetes++	1	40	1.4	-	-	-	-	-	-
Pithomyces++	-	-	-	2	80	36.4	-	-	-
Rust	-	-	-	-	-	-	1*	10*	0.1
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	1*	10*	0.1
Zygomycetes	-	-	-	-	-	-	-	-	-
Bispora	-	-	-	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	2	80	0.4
Sporormiella	-	-	-	-	-	-	1*	10*	0.1
Total Fungi	71	2860	100	6	220	100	460	18690	100
Hyphal Fragment	-	-	-	2	80	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	1	-

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

Vincent Iuzzolino, M.S., Laboratory Manager
or other approved signatory

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Initial report from: 09/14/2018 08:37:48

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



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

371815962

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

PHONE: (800) 220-3675
FAX: (856) 786-0262

Company: <u>GYMU</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>18969 US ROUTE 11</u>		Third Party Billing requires written authorization from third party	
City: <u>WATERTOWN</u>	State/Province: <u>NY</u>	Zip/Postal Code: <u>13601</u>	Country: <u>USA</u>
Report To (Name): <u>BRAD ARTHUR</u>		Telephone #: <u>(315) 788-3900</u>	
Email Address: <u>barthur@gymedpc.com</u>		Fax #:	Purchase Order:
Project Name/Number: <u>2018-357</u>		Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email <input type="checkbox"/> Fax	
U.S. State Samples Taken: <u>NY</u>		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements

Non Culturable Air Samples (Spore Traps) – Test Codes

• M001 Air-O-Cell	• M173 Allegro M2	• M004 Allergenco	• M032 Allergenco-D	• M172 Versa Trap
• M049 BioSIS	• M003 Burkard	• M043 Cyclex	• M002 Cyclex-d	
• M030 Micro 5	• M174 MoldSnap	• M176 Relle Smart	• M130 Via-Cell	

Other Microbiology Test Codes

<ul style="list-style-type: none"> • M041 Fungal Direct Examination • M005 Viable Fungi ID and Count • M006 Viable Fungi ID and Count (Speciation) • M007 Culturable Fungi • M008 Culturable Fungi (Speciation) • M009 Gram Stain Culturable Bacteria • M010 Bacterial Count and ID – 3 Most Prominent • M011 Bacterial Count and ID – 5 Most Prominent • M013 Sewage Contamination in Buildings 	<ul style="list-style-type: none"> • M014 Endotoxin Analysis • M015 Heterotrophic Plate Count • M180 Real Time Q-PCR-ERMI 36 Panel • M018 Total Coliform (Membrane Filtration) • M020 Fecal Streptococcus (Membrane Filtration) • M210-215 Legionella Detection • M026 Recreational Water Screen • M027 Mycotoxin Analysis 	<ul style="list-style-type: none"> • M029 Enterococci • M019 Fecal Coliform • M133 MRSA Analysis • M028 Cryptococcus neoformans Detection • M120 Histoplasma capsulatum Detection • M033-39 Allergen Testing (Cat, Dog, Cockroach, Dustmites) • M044 Group Allergen • Other See Analytical Price Guide
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Preservation Method (Water):

Name of Sampler: LAWARD B. ARTHUR Signature of Sampler: [Signature]

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	11/12 4:00 PM
A1	ELEMENTARY LIBRARY	AIR	M001	75L	9/11/18
A2	HIGH SCHOOL LIBRARY	AIR	M001	75L	
A3	COMPUTER LAB	AIR	M001	75L	
A4	SERVER ROOM	AIR	M001	75L	
A5	LIBRARY OFFICE	AIR	M001	75L	
A6	AMBIENT	AIR	M001	75L	

Client Sample # (s): A1 - A6 Total # of Samples: 6

Relinquished (Client): [Signature] Date: 9/11/18 Time: 1506

Received (Client): [Signature] Date: 9/13/18 Time: 1035

Comments:

[Handwritten Signature]