



## MEMO

**Date:** February 6, 2020

**To:** Mr. Brian Mills

**From:** James Eberts

**Re:** Post-Removal Mold Air Sampling Results  
Principal's Office  
800 Irelan Ave.  
Absecon, NJ 08201

**Project:** 20-1019

### Comments:

Mr. Mills,

Per your request, Epic Environmental performed sampling for airborne mold spores from the school Principal's Office, which is currently undergoing a mold remediation.

Samples were collected February 4, 2020 within the removal isolation area.

Airborne mold spores were near or below background concentrations.

No further action is recommended at this time.

Results are attached.

Please contact me at 856-205-1077 with any questions.

James Eberts  
Epic Environmental Services, LLC



# EMSL Analytical, Inc.

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

Order ID: 372002105  
Customer ID: EPIC62  
Customer PO:  
Project ID:

**Attn:** James Eberts  
Epic Environmental Services, LLC  
1930 Brown Road  
Newfield, NJ 08344

Phone: (856) 205-1077  
Fax: (856) 205-0413  
Collected: 02/04/2020  
Received: 02/04/2020  
Analyzed: 02/05/2020

**Proj:** Absecon BOE Indoor Air Quality Investigation

### Test Report: Micro-5™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	372002105-0001			372002105-0002		
Client Sample ID:	A-01			A-02		
Volume (L):	25			25		
Sample Location:	Principal Office			Outside		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-
Ascospores	1	80	8.3	-	-	-
Aspergillus/Penicillium	2	200	20.8	19	1500	4
Basidiospores	8	600	62.5	433	34600	92.8
Bipolaris++	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-
Cladosporium	-	-	-	13	1000	2.7
Curvularia	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-
Myxomycetes++	1*	40*	4.2	2	200	0.5
Pithomyces++	1*	40*	4.2	-	-	-
Rust	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-
<b>Total Fungi</b>	<b>13</b>	<b>960</b>	<b>100</b>	<b>467</b>	<b>37300</b>	<b>100</b>
Hyphal Fragment	1	80	-	2	200	-
Insect Fragment	-	-	-	-	-	-
Pollen	-	-	-	43	3400	-
Analyt. Sensitivity 600x	-	80	-	-	80	-
Analyt. Sensitivity 300x	-	40*	-	-	40*	-
Skin Fragments (1-4)	-	3	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-

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

Vincent Iuzzolino, M.S., Laboratory Director  
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. 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. Cinnaminson, NJ AIHA-LAP, LLC-EMLAP Lab 100194

Initial report from: 02/05/2020 13:13:01

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



EMSL ANALYTICAL, INC.  
LABORATORY WOOD CLIFF, NJ 07090

# Environmental Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

372002105

Westmont, NJ  
107 Haddon Avenue  
Westmont, NJ 07098  
PHONE: (856) 858-9900  
FAX: (856) 858-4960

RECEIVED  
EMSL  
CINNAMINSON, NJ  
20 FEB - 4 AM 11:58

**Company:** Epic Environmental Services, LLC  
**Street:** 1930 Brown Road  
**City/State/Zip:** Newfield, NJ 08344  
**Report To (Name):** James Eberts **Fax:** 856-205-0413  
**Telephone:** 856-205-1077 **Email Address:** jeberts@epicenviro.com

**Project Name/Number:** Absecon BOE Indoor Air Quality Investigation  
**Please Provide Results:** Email **Purchase Order:** **State Samples Taken:** NJ

**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)**

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

**Other Microbiology Test Codes**

- 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
- M014 Endotoxin Analysis
- M015 Heterotrophic Plate Count
- M100 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
- M029 Enterococci
- M019 Fecal Coliform
- M133 MRSA Analysis
- M028 Cryptococcus neoformans Detection
- M120 Histoplasma capsulatum Detection
- M033-39 Allergen Testing
- M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)
- Other See Analytical Price Guide

**Preservation Method (Water):**

**Name of Sampler:** *Tim Eberts* **Signature of Sampler:** *[Signature]*

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
A-01	Principal Office	Air	M030	25L	2/4/20 0701
A-02	Outside	Air	M030	25L	2/4/20 0708

**Client Sample # (s):** A-01 - A-02 **Total # of Samples:** 2  
**Relinquished (Client):** *[Signature]* **Date:** 2/4/20 **Time:** 1145  
**Received (Client):** *[Signature]* **Date:** 2-4-20 **Time:** 11:55

**Comments/Special Instructions:**





AIHA Laboratory Accreditation Programs, LLC

acknowledges that

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: 100194

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 17025:2005 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: November 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD         | Accreditation Expires: November 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: November 01, 2020 |
| <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 17025:2005 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](http://www.aihaaccreditedlabs.org)) for the most current Scope.

*Elizabeth Bair*

Elizabeth Bair  
Chairperson, Analytical Accreditation Board

*Cheryl O. Morton*

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

Revision 17 – 09/11/2018

Date Issued: 11/30/2018