November 11, 2024

Mr. Robert Mortka
Director of Facilities
Black Horse Pike Regional Board of Education
580 Erial Rd.
Blackwood, NJ 08102

RE: Indoor Air Quality Inspection Report – August/October 2024
Timber Creek High School
Epic Project No. 24-2177

Dear Mr. Mortka:

Epic Environmental Services, LLC (Epic) was retained by the Black Horse Pike Board of Education (District) to perform indoor air quality inspections for six randomly selected areas at the Timber Creek High School. The inspections consisted of visual observations and the collection of temperature and relative humidity data. Additionally, samples for airborne mold spores were collected in the inspection areas.

The visual inspections focused on signs of moisture, water intrusion, and visible mold growth.

Temperature and relative humidity data were compared to current New Jersey Indoor Air Quality and industry standards.

Epic Environmental performed the initial inspections on August 22, 2024. A follow-up inspection was performed to assess mold clean-up efforts for contamination identified during initial inspections. The follow-up inspections were performed on October 4, 2024.

Acceptable Temperature and Relative Humidity Criteria

Acceptable Indoor Temperature Range:	**68° - 79° Fahrenheit**
Ideal Relative Humidity Range:	**30-60%**

The following rooms/areas were inspected:

Room F107, School Store, Room B110, Room B203, Room D202, Room D210

Observations, Comments, and Recommendations (8/22/24)

Weather: Overcast, 66° Fahrenheit, 61% Relative Humidity

Room F107
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (47%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

School Store
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (44%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

Room B110
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (43%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

Room B203
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (42%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

Room D202
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (44%). Temperature was within the acceptable range.
Airborne Aspergillus/Penicillium mold spore concentrations were elevated.
Recommendations were given to the district to wipe all surfaces and operate air scrubbers to filter residual airborne mold spores. Additional air sampling was recommended after cleaning.

Room D210
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (44%). Temperature was within the acceptable range.
Airborne Aspergillus/Penicillium mold spore concentrations were elevated.
Recommendations were given to the district to wipe all surfaces and operate air scrubbers to filter residual airborne mold spores. Additional air sampling was recommended after cleaning.

Observations, Comments, and Recommendations (10/4/24)

Weather: Overcast, 62° Fahrenheit, 64% Relative Humidity

Room D202
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (50%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

Room D210
No visible mold was observed.
No evidence of recent water intrusion was observed.
Relative humidity was within the ideal range (50%). Temperature was within the acceptable range.
Airborne mold spore concentrations were near or below outside (background) concentrations.
No action required at this time.

General Conclusions and Recommendations

- **Relative Humidity Control:**
  - Maintain a maximum relative humidity level of 60% during the summer cooling season, especially given that mold activity is likely to spike at humidity levels above 75%.

- **Ongoing Monitoring and Preventive Measures**:
  - Regular inspections are advised to monitor indoor air quality and check for any evidence of mold or moisture.
  - Staff should remain vigilant in identifying and reporting any signs of moisture, water intrusion, or mold growth to maintain a healthy indoor environment.

Please do not hesitate to contact me at 856-205-1077 should you have any questions.

An invoice for the completed project is enclosed.

Regards,

Tim Eberts
Senior Project Manager
Epic Environmental Services, LLC

James Eberts
President
Epic Environmental Services, LLC

Sample Data Summary
Air Sampling (Initial)

Air Samples August 22, 2024

Air Sample Location	Airborne Mold Concentrations (spores/m³)		
	Total	Individual Mold Concentrations	
Room F107	3500	Ascospores	200
		Aspergillus/Penicillium	500
		Basidiospores	1800
		Cladosporium	800
		Ganoderma	200
School Store	1060	Aspergillus/Penicillium	200
		Basidiospores	700
		Ganoderma	80
		Myxomycetes	80
Room B110	280	Aspergillus/Penicillium	200
		Cladosporium	80
Room B203	1360	Alternaria	80
		Aspergillus/Penicillium	700
		Basidiospores	300
		Cladosporium	200
Room D202	4500	Ascospores	200
		Aspergillus/Penicillium	1600
		Basidiospores	1100
		Cladosporium	1600
Room D210	3380	Ascospores	200
		Aspergillus/Penicillium	1800
		Basidiospores	1100
		Cladosporium	80
		Ganoderma	200
Outside	49160	Ascospores	2700
		Aspergillus/Penicillium	600
		Basidiospores	44500
		Cladosporium	700
		Ganoderma	500
		Myxomycetes	80
		Pithomyces	80

- Total mold counts found in **green** indicate a total airborne mold level NEAR or BELOW the outside (background) level.
- Total mold counts found in **red** indicate a total airborne mold level significantly ABOVE the outside (background) level, and may be an indicator of active mold growth.
- Individual molds listed in **green** indicate an individual airborne mold level NEAR or BELOW outside the (background) level.
- Individual molds listed in **purple** were not found in the background sample, but not considered evidence of a water/moisture issue or active mold growth.
- Individual molds listed in **red** indicate an individual airborne mold level significantly ABOVE the outside (background) level, and may be an indicator of active mold growth in the area.

Airborne Aspergillus/Penicillium mold spore concentrations were elevated in Rooms D202 and D210. Airborne mold spore concentrations in all other areas were at or below background (outside) levels.

Sample Data Summary
Air Sampling (Follow-Up)

Air Samples October 4, 2024

Air Sample Location	Airborne Mold Concentrations (spores/m³)		
	Total	Individual Mold Concentrations	
Room D210	800	Aspergillus/Penicillium	300
		Basidiospores	300
		Cladosporium	200
Room D202	600	Aspergillus/Penicillium	400
		Cladosporium	200
Outside	7020	Ascospores	200
		Aspergillus/Penicillium	1400
		Basidiospores	1800
		Bipolaris	40
		Cladosporium	2800
		Curvularia	80
		Ganoderma	300
		Myxomycetes	200
		Pithomyces	200

- Total mold counts found in **green** indicate a total airborne mold level NEAR or BELOW the outside (background) level.
- Total mold counts found in **red** indicate a total airborne mold level significantly ABOVE the outside (background) level, and may be an indicator of active mold growth.
- Individual molds listed in **green** indicate an individual airborne mold level NEAR or BELOW outside the (background) level.
- Individual molds listed in **purple** were not found in the background sample, but not considered evidence of a water/moisture issue or active mold growth.
- Individual molds listed in **red** indicate an individual airborne mold level significantly ABOVE the outside (background) level, and may be an indicator of active mold growth in the area.

Airborne mold spore concentrations were at or below background (outside) levels.

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309
Tel/Fax: (954) 786-9331 / (954) 941-4145
http://www.EMSL.com / ftlauderdalelab@emsl.com

EMSL Order: 562404008
Customer ID: EPIC62
Customer PO: 24-2177
Project ID:

Attention: James Eberts
Epic Environmental Services, LLC
80 Fork Bridge Road
Pittsgrove, NJ 08318

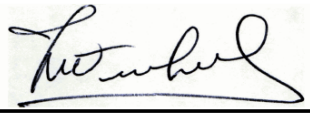
Phone: (856) 205-1077
Fax: (856) 205-0413
Collected Date: 08/22/2024
Received Date: 08/22/2024
Analyzed Date: 08/29/2024

Project: Timber Creek HS IAQ - Routine

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

Lab Sample Number:	562404008-0001			562404008-0002			562404008-0003		
Client Sample ID:	TC-01			TC-02			TC-03		
Volume (L):	25			25			25		
Sample Location:	Outside			F - 107			School Store		
Spore Types	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	34	2700	5.5	3	200	5.7	-	-	-
Aspergillus/Penicillium++	8	600	1.2	6	500	14.3	2	200	18.9
Basidiospores	101(556)	44500	90.5	23	1800	51.4	9	700	66
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	9	700	1.4	10	800	22.9	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	6	500	1	2	200	5.7	1	80	7.5
Myxomycetes++	1	80	0.2	-	-	-	1	80	7.5
Pithomyces++	1	80	0.2	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
Total Fungi	**615**	**49160**	**100**	**44**	**3500**	**100**	**13**	**1060**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	80	-	-	80	-	-	80	-
Analyt. Sensitivity 300x	-	40*	-	-	40*	-	-	40*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	3	-	-	2	-	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.
† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.



Yessica Martinez Seeman, Florida Microbiology Regional Manager

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

Samples analyzed by EMSL Analytical, Inc. Fort Lauderdale, FL

Initial report from: 08/29/2024 01:23 PM

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

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309
Tel/Fax: (954) 786-9331 / (954) 941-4145
http://www.EMSL.com / ftlauderdalelab@emsl.com

EMSL Order: 562404008
Customer ID: EPIC62
Customer PO: 24-2177
Project ID:

Attention: James Eberts
Epic Environmental Services, LLC
80 Fork Bridge Road
Pittsgrove, NJ 08318

Phone: (856) 205-1077
Fax: (856) 205-0413
Collected Date: 08/22/2024
Received Date: 08/22/2024
Analyzed Date: 08/29/2024

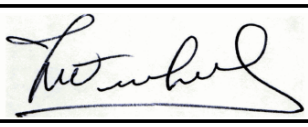
Project: Timber Creek HS IAQ - Routine

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

Lab Sample Number:	562404008-0004			562404008-0005			562404008-0006		
Client Sample ID:	TC-04			TC-05			TC-06		
Volume (L):	25			25			25		
Sample Location:	B - 110			B - 203			D - 202		
Spore Types	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	1	80	5.9	-	-	-
Ascospores	-	-	-	-	-	-	2	200	4.4
Aspergillus/Penicillium++	2	200	71.4	9	700	51.5	20	1600	35.6
Basidiospores	-	-	-	4	300	22.1	14	1100	24.4
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	1	80	28.6	3	200	14.7	20	1600	35.6
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	1	80	5.9	-	-	-
Total Fungi	**3**	**280**	**100**	**18**	**1360**	**100**	**56**	**4500**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	1	80	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	80	-	-	80	-	-	80	-
Analyt. Sensitivity 300x	-	40*	-	-	40*	-	-	40*	-
Skin Fragments (1-4)	-	3	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	3	-	-	2	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.
† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

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



Yessica Martinez Seeman, Florida Microbiology Regional Manager

Samples analyzed by EMSL Analytical, Inc. Fort Lauderdale, FL

Initial report from: 08/29/2024 01:23 PM

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

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309
Tel/Fax: (954) 786-9331 / (954) 941-4145
http://www.EMSL.com / ftlauderdalelab@emsl.com

EMSL Order: 562404008
Customer ID: EPIC62
Customer PO: 24-2177
Project ID:

Attention: James Eberts
Epic Environmental Services, LLC
80 Fork Bridge Road
Pittsgrove, NJ 08318

Phone: (856) 205-1077
Fax: (856) 205-0413
Collected Date: 08/22/2024
Received Date: 08/22/2024
Analyzed Date: 08/29/2024

Project: Timber Creek HS IAQ - Routine

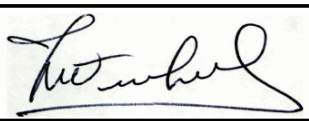
Test Report: Micro-5(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	**562404008-0007**		
Client Sample ID:	**TC-07**		
Volume (L):	**25**		
Sample Location:	**D - 210**		

Spore Types	Raw Count†	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-
Ascospores	3	200	5.9
Aspergillus/Penicillium++	22	1800	53.3
Basidiospores	14	1100	32.5
Bipolaris++	-	-	-
Chaetomium++	-	-	-
Cladosporium	1	80	2.4
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium++	-	-	-
Ganoderma	2	200	5.9
Myxomycetes++	-	-	-
Pithomyces++	-	-	-
Rust	-	-	-
Scopulariopsis/Microascus	-	-	-
Stachybotrys/Memnoniella	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Pyricularia	-	-	-
Total Fungi	**42**	**3380**	**100**
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	80	-
Analyt. Sensitivity 300x	-	40*	-
Skin Fragments (1-4)	-	2	-
Fibrous Particulate (1-4)	-	1	-
Background (1-5)	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.
† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

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



Yessica Martinez Seeman, Florida Microbiology Regional Manager

Samples analyzed by EMSL Analytical, Inc. Fort Lauderdale, FL

Initial report from: 08/29/2024 01:23 PM

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

OrderID: 562404008

8P1C62

Environmental Microbiology Chain of Custody

EMSL Order Number *(Lab Use Only):* 562404008

EMSL Analytical, Inc.
Westmont, NJ
107 Haddon Avenue
Westmont, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-4960

Company: Epic Environmental Services, LLC	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party.*
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: Timber creek HS IAQ - Routine	
Please Provide Results: Email	**Purchase Order:** 24-2177 **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	• 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 Rotic Smart	• M130 Via-Cell	

Other Microbiology Test Codes

• M041 Fungal Direct Examination	• M014 Endotoxin Analysis	• M029 *Enterococci*
• M005 Viable Fungi ID and Count	• M015 Heterotrophic Plate Count	• M019 Fecal Coliform
• M006 Viable Fungi ID and Count (Speciation)	• M100 Real Time Q-PCR-ERMI 36 Panel	• M133 MRSA Analysis
• M007 Culturable Fungi	• M018 Total Coliform (Membrane Filtration)	• M026 *Cryptococcus neoformans* Detection
• M008 Culturable Fungi (Speciation)	• M020 Fecal *Streptococcus* (Membrane Filtration)	• M120 *Histoplasma capsulatum* Detection
• M009 Gram Stain Culturable Bacteria	• M210-215 *Legionella* Detection	• M033-39 Allergen Testing
• M010 Bacterial Count and ID – 3 Most Prominent	• M026 Recreational Water Screen	• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)
• M011 Bacterial Count and ID – 5 Most Prominent	• M027 Mycotoxin Analysis	• Other See Analytical Price Guide
• M013 Sewage Contamination in Buildings		

Preservation Method (Water):

Name of Sampler: Timothy Eberts **Signature of Sampler:**

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
TC-01	Outside	Air	M030	25L	8/22/24 0843
TC-02	F-107				0858
TC-03	School Store				0904
TC-04	B-110				0914
TC-05	B-203				0932
TC-06	D-202				0938
TC-07	D-210				0944

Client Sample # (s): TC-01 - TC-07 **Total # of Samples:** 7

Relinquished (Client): **Date:** 8/22/24 **Time:** 1255

Received (Client): **Date:** 8/22/24 **Time:** 1855p

Comments/Special Instructions:

Due 8/29

RECEIVED EMSL CINNAMINSON, NJ AUG 22 PM 12:51

EMSL Analytical, Inc.

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

EMSL Order: 372417135
Customer ID: EPIC62
Customer PO: 24-2177
Project ID:

Attention: James Eberts
Epic Environmental Services, LLC
80 Fork Bridge Road
Pittsgrove, NJ 08318

Phone: (856) 205-1077
Fax: (856) 205-0413
Collected Date: 10/04/2024
Received Date: 10/04/2024
Analyzed Date: 10/11/2024

Project: Timber Creek IAQ Retest

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

Lab Sample Number:	372417135-0001			372417135-0002			372417135-0003		
Client Sample ID:	TC-01			TC-02			TC-03		
Volume (L):	25			25			25		
Sample Location:	Rm 210			Rm 202			Outside		
Spore Types	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**	**Raw Count†**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	2	200	2.8
Aspergillus/Penicillium++	4	300	37.5	5	400	66.7	17	1400	19.9
Basidiospores	4	300	37.5	-	-	-	23	1800	25.6
Bipolaris++	-	-	-	-	-	-	1	40*	0.6
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	3	200	25	3	200	33.3	35	2800	39.9
Curvularia	-	-	-	-	-	-	1	80	1.1
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	4	300	4.3
Myxomycetes++	-	-	-	-	-	-	3	200	2.8
Pithomyces++	-	-	-	-	-	-	2	200	2.8
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	**11**	**800**	**100**	**8**	**600**	**100**	**88**	**7020**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	80	-	-	80	-	-	80	-
Analyt. Sensitivity 300x	-	40*	-	-	40*	-	-	40*	-
Skin Fragments (1-4)	-	2	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	2	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.
† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

Vincent Iuzzolino

Vincent Iuzzolino, M.S., Laboratory Director
or other Approved Signatory

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

Samples analyzed by LA Testing Huntington Beach, CA AIHA LAP, LLC-EMLAP Accredited #101650

Initial report from: 10/11/2024 12:36 PM

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

OrderID: 372417135

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody Form

EMSL Order Number / Lab Use Only

372417135

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
cc@emsl.com

RECEIVED
EMSL
CINNAMINSON N.J.
2024 OCT -4 A 10:56

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:	Epic Environmental Services, LLC
Contact Name:	James Eberts
Street Address:	80 Fork Bridge Road
City, State, Zip:	Pittsgrove NJ 08318
Country:	US
Phone:	856-205-1077
Email(s) for Report:	jeberts@epicenviro.com

Billing Information

Billing ID:	
Company Name:	Epic Environmental Services, LLC
Billing Contact:	James Eberts
Street Address:	80 Fork Bridge Road
City, State, Zip:	Pittsgrove NJ 08318
Country:	US
Phone:	856-205-1077
Email(s) for Invoice:	

Project Information

Project Name/No: Timber Creek IAQ Retest

Purchase Order: 24-2177

EMSL LIMS Project ID: (If applicable, EMSL will provide)

State Samples Collected: NJ

Zip Code Samples Collected::

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-taxable)

Sampled By Name: Timothy Eberts

Sampled By Signature:

No. of Samples in Shipment

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)		**M020** Fecal *Streptococcus* (MFT*)	**M014** Endotoxin Analysis
		M029 *Enterococci* (MFT*)	**M044** Group Allergen (Cat, Dog, Cockroach, Dust Mite)
M007 Culturable Fungi-Surface Samples (Genus ID & Count)		**M129** *Enterococci* (Enterolert P/A***)	**M095** Bacteroides
M008 Culturable Fungi-Surface Samples (Includes *Penicillum, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)		**M180** Real Time qPCR-ERMI 36 Panel	**Other** - See Analytical Price Guide for Test Code
		M025 Sewage Screen - Water (MFT*)	***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	
TC-01	RM 210	AIR	/	M030	25L	10/4/24 0929	
TC-02	RM 202	↓		↓	↓	0934	
TC-03	Outside	↓		↓	↓	0947	

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

3pk

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 10/4/24 1000	Received by: WI	Date/Time: 10/4/24 1050
Relinquished by:	Date/Time:	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.)

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-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 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**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.

Cheryl O. Morton

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

Revision20: 06/07/2022

Date Issued: 01/01/2023