ENSOLUM

Limited Mold Assessment Report

Ethridge Elementary
Rooms A16, A17 and Art Room
6001 Ethridge Dr.
The Colony, TX 75056

August 1, 2023
Ensolum Project No. 01A1288191

Prepared for:

Lewisville Independent School District
340 Lake Haven
Lewisville, Texas 75057
Attn: David Treadway

Prepared by:

Ensolum, LLC
8330 LBJ Freeway, Suite 830
Dallas, Texas 75243

Colton Turner
Mold Assessment Consultant
License No. MAC1444
Expiration Date – 06/22/2024

Darren G. Bowden
Principal
License No. MAC0321
Expiration Date - 2/15/2024

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LIMITED MOLD ASSESSMENT REPORT

Ethridge Elementary
Rooms A16, A17 and Art Room
6001 Ethridge Dr.
The Colony, TX 75056

1.0 INTRODUCTION

Ensolum was retained by Lewisville ISD, to complete a Limited Mold Assessment within Rooms A16, A17 and Art Room of Ethridge Elementary School, 6001 Ethridge Dr., The Colony, TX 75056. The purpose of this investigation was to determine if elevated concentrations of airborne fungal spores and structures were present within the above-referenced areas. Ensolum completed the on-site investigation on August 1, 2023. The Limited Mold Assessment was performed in response to a complaint of possible indoor air quality issues within specific areas.

2.0 PROCEDURE

Ensolum visually inspected accessible areas of A16, A17 and Art Room. Water damage was not observed in the following locations:

VISIBLE WATER DAMAGE		
LOCATION	DATE	EXPLANATION
Classroom A16	8/1/2023	None Observed
Classroom A17	8/1/2023	None Observed
Art Room	8/1/2023	None Observed
Outside 1	8/1/2023	None Observed
Outside 2	8/1/2023	None Observed

Following the inspection of potential water-damaged building materials, Ensolum conducted a moisture investigation in the identified areas to determine if nonvisible water-damaged materials and other building materials within the investigation area were present. The moisture investigation was completed with a GE Protimeter BLD5364 moisture meter on accessible porous and semi-porous building materials in each area of concern. At the time of investigation, monitored building materials did not exhibit elevated moisture concentrations in comparison with similar and non-affected building materials in the structure and standard scientific guidelines.

Representative Relative Humidity readings were collected and recorded using an Extech Instruments Humidity / Temperature Pen. Measurements recorded during the investigation are listed in the chart below:

TEMPERATURE, RELATIVE HUMIDITY & SPECIFIC HUMIDITY				
LOCATION	DATE	Temperature: F	Relative Humidity	Specific Humidity
Classroom A16	8/1/2023	76.7°F	39.2%	53.38%
Classroom A17	8/1/2023	72.4°F	45.9%	54.13%
Art Room	8/1/2023	73.4°F	46.9%	57.44%
Outside 1	8/1/2023	97.1°F	38.2%	101.44%
Outside 2	8/1/2023	97.2°F	38.2%	101.73%

Area air samples were collected with Allergenco-D spore trap cassettes and analyzed for airborne fungal spores and structures. Samples were collected at a rate of 15 liters per minute. Indoor air sample(s) were collected for a five (5) minute period (75 liters) at a height of approximately five (5) feet above finished floor (AFF). Outdoor air samples were collected for a five (5) minutes period (75 liters) at a height of approximately five (5) feet above level ground. American Conference of Governmental Industrial Hygienists (ACGIH) guidelines were followed for the sample collection. Fungal air samples were collected in the following areas:

SPORE TRAP LOCATIONS	
SAMPLE NUMBER	**LOCATION**
5254641	Classroom A16
5254637	Classroom A17
5254644	Art Room
5254559	Outside 1
467401	Outside 2

3.0 RESULTS

Currently, there are no regulatory standards for airborne fungal contamination. Therefore, results of the fungal analysis are compared against scientific guidelines. Bioaerosol samples are evaluated by comparing the indoor samples against the outdoor sample. The same types of fungi should be found in both the indoor and outdoor samples.

Should higher fungal concentrations occur in the indoor sample(s) or complaint areas, this generally indicates there is a source of fungal growth in the area. The types of fungi are also evaluated-the same types/genus of fungi should be present in both the indoor/complaint and outdoor/non-complaint samples.

The results of the fungal air samples collected were evaluated. Air testing performed using spore traps found that airborne mold spores within the investigation area were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed.

4.0 CONCLUSIONS

Based on Ensolum's limited assessment and the analytical results, it appears that the indoor air quality, as it relates to airborne fungi, was within recommended guidelines on the day of the assessment.

APPENDIX A: ANALYTICAL DATA

IAQ Mold Report

Summary

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460
TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: MLQ - 0112 - Standard Profile

Lab Job No. : 23F-09205
Report Date : 08/01/2023
Sample Date: 08/01/2023
Spore Trap Type: Allergenco D

On 8/1/2023, five (5) samples were submitted by a representative of Ensolum, LLC (located at 8330 LBJ Freeway, Suite 830 8330 LBJ Freeway, Suite 830, Dallas, TX 75243) for Spore Trap, Non-cultured mold analysis. This report consists of three sections; a summary section, a data detail section, and an analytical notes section.

Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
5254641	75	Classroom A16	Basidiospores	160	31%
			Hyphal / Spore Fragments - Dematiaceous	107	21%
			Cladosporium	93	18%
			Aspergillus / Penicillium	93	18%
			Curvularia	27	5%
			Hyphal / Spore Fragments - Hyaline	13	3%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	13	3%
			Chaetomium	13	3%
			Total:	519	100%
5254637	75	Classroom A17	Cladosporium	120	38%
			Aspergillus / Penicillium	67	21%
			Hyphal / Spore Fragments - Dematiaceous	27	8%
			Ascospores	27	8%
			Alternaria	27	8%
			Myxomycete / Periconia / Rust / Smut	13	4%
			Fusarium	13	4%
			Curvularia	13	4%
			Basidiospores	13	4%
			Total:	320	100%

IAQ Mold Report

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
5254644	75	Art Room	Cladosporium	307	43%
			Basidiospores	147	21%
			Hyphal / Spore Fragments - Dematiaceous	107	15%
			Aspergillus / Penicillium	107	15%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	40	6%
			Total:	708	100%
5254559	75	Outside 1 * See Analytical Notes report for further details	Cladosporium	2460	42%
			Aspergillus / Penicillium	826	14%
			Myxomycete / Periconia / Rust / Smut	813	14%
			Basidiospores	547	9%
			Ascospores	307	5%
			Hyphal / Spore Fragments - Dematiaceous	240	4%
			Alternaria	160	3%
			Curvularia	133	2%
			Cercospora / Pseudocercospora	107	2%
			Nigrospora	67	1%
			Fusarium	53	<1%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	40	<1%
			Ganoderma	40	<1%
			Coprinus group	13	<1%
			Spegazzinia	13	<1%
			Epicoccum	13	<1%
			Total:	5832	100%

IAQ Mold Report

Summary

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
467401	75	Outside 2	Cladosporium	1640	39%
			Basidiospores	880	21%
			Aspergillus / Penicillium	640	15%
			Hyphal / Spore Fragments - Dematiaceous	293	7%
			Myxomycete / Periconia / Rust / Smut	213	5%
			Cercospora / Pseudocercospora	187	4%
			Ascospores	147	3%
			Fusarium	67	2%
			Hyphal / Spore Fragments - Hyaline	40	<1%
			Nigrospora	40	<1%
			Ganoderma	40	<1%
			Alternaria	27	<1%
			Pestalotia / Pestalotiopsis	13	<1%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	13	<1%
			Total:	4240	100%

Analyst(s): Elham Mohammadian

Lab Director : Heather Lopez — Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb — Approved Signatory : Bruce Crabb

End of Summary section (23F-09205)

Thank you for choosing Moody Labs

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IAQ Mold Report

Data Detail

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
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Lab Job No. : 23F-09205
Report Date : 08/01/2023
Sample Date: 08/01/2023

Spore Trap Type: Allergenco D

This report consists of three sections; a summary section, a data detail section, and an analytical notes section. Results may not be reported except in full.

Sample ID:	5254641					5254637					5254644				
Location:	Classroom A16					Classroom A17					Art Room				
Media Expires On:	Jan 2024					Jan 2024					Jan 2024				
Notes Included:															
Volume:	75					75					75				
	Raw Ct	RL	spores/m³	%Total	spores/m³ SF	Raw Ct	RL	spores/m³	%Total	spores/m³ SF	Raw Ct	RL	spores/m³	%Total	spores/m³ SF
Alternaria						2	13	27	8%	30					
Ascospores						2	13	27	8%	30					
Aspergillus / Penicillium	7	13	93	18%	90	5	13	67	21%	70	8	13	107	15%	100
Basidiospores	12	13	160	31%	160	1	13	13	4%	10	11	13	147	21%	150
Cercospora / Pseudocercospora															
Chaetomium	1	13	13	3%	10										
Cladosporium	7	13	93	18%	90	9	13	120	38%	120	23	13	307	43%	310
Coprinus group															
Curvularia	2	13	27	5%	30	1	13	13	4%	10					
Drechslera / Bipolaris / Helminthosporum /	1	13	13	3%	10						3	13	40	6%	40
Epicoccum															
Fusarium						1	13	13	4%	10					
Ganoderma															
Hyphal / Spore Fragments - Dematiaceous	8	13	107	21%	100	2	13	27	8%	30	8	13	107	15%	100
Hyphal / Spore Fragments - Hyaline	1	13	13	3%	10										
Myxomycete / Periconia / Rust / Smut						1	13	13	4%	10					
Nigrospora															
Pestalotia / Pestalotiopsis															
Spegazzinia															
Stachybotrys															
TOTALS	39		519	100%	520	24		320	100%	320	53		708	100%	710
Analyst	Elham Mohammadian					Elham Mohammadian					Elham Mohammadian				
Analysis Date	8/1/2023					8/1/2023					8/1/2023				
Debris Rating	3					3					2				
Debris Composition															
Fibers	1/5					1/5					1/5				
Inorganic/Other	2/5					2/5					2/5				
Insect Parts	0/5					0/5					0/5				
Pollen	0/5					1/5					0/5				
Skin/Dander	3/5					3/5					2/5				

IAQ Mold Report

Data Detail

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Sample Date: 08/01/2023

Spore Trap Type: Allergenco D

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Sample ID:	5254559					467401				
Location:	Outside 1					Outside 2				
Media Expires On:	Jan 2024					Sep 2024				
Notes Included:	See Analytical Notes									
Volume:	75					75				
	Raw Ct	RL	spores/m³	%Total	spores/m³ SF	Raw Ct	RL	spores/m³	%Total	spores/m³ SF
Alternaria	12	13	160	3%	160	2	13	27	<1%	30
Ascospores	23	13	307	5%	310	11	13	147	3%	150
Aspergillus / Penicillium	62	13	826	14%	830	48	13	640	15%	640
Basidiospores	41	13	547	9%	550	66	13	880	21%	880
Cercospora / Pseudocercospora	8	13	107	2%	100	14	13	187	4%	190
Chaetomium										
Cladosporium	123	20	2460	42%	2500	123	13	1640	39%	1600
Coprinus group	1	13	13	<1%	10					
Curvularia	10	13	133	2%	130					
Drechslera / Bipolaris / Helminthosporum /	3	13	40	<1%	40	1	13	13	<1%	10
Epicoccum	1	13	13	<1%	10					
Fusarium	4	13	53	<1%	50	5	13	67	2%	70
Ganoderma	3	13	40	<1%	40	3	13	40	<1%	40
Hyphal / Spore Fragments - Dematiaceous	18	13	240	4%	240	22	13	293	7%	290
Hyphal / Spore Fragments - Hyaline						3	13	40	<1%	40
Myxomycete / Periconia / Rust / Smut	61	13	813	14%	810	16	13	213	5%	210
Nigrospora	5	13	67	1%	70	3	13	40	<1%	40
Pestalotia / Pestalotiopsis						1	13	13	<1%	10
Spegazzinia	1	13	13	<1%	10					
Stachybotrys										
TOTALS	376		5832	100%	5800	318		4240	100%	4200
Analyst	Elham Mohammadian					Elham Mohammadian				
Analysis Date	8/1/2023					8/1/2023				
Debris Rating	3					3				
Debris Composition										
Fibers	1/5					1/5				
Inorganic/Other	3/5					3/5				
Insect Parts	1/5					0/5				
Pollen	1/5					1/5				
Skin/Dander	1/5					1/5				

End of Data Detail section
23F-09205

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IAQ Mold Report

Analytical Notes

2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

TDLR License No.: LAB0117
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Sample Date : 08/01/2023
Spore Trap Type: Allergenco D

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Samples Analyzed

Sample No	5254559 : Outside 1
Notes:	Please note: the minimum reporting limit for Cladosporium is 20 spores / cubic meter. When comparing results to other samples, use calculated results, not raw numbers.

Field Blanks

No discernable field blanks were submitted with this set of samples.

NOTE: All remaining samples suitable for analysis.

Methods

Method: MLQ - 0112 / ASTM D7391: Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction.
Sample by Optical Microscopy.
Samples are read at 100% under 400x magnification unless noted. Partial readings may be employed when concentrations are elevated. Use final spore concentrations, not raw spore counts, for interpretation of results.
Calculation: Spores/cubic meter = (Raw spore count)*(RL)
Note: RL (Reporting Limit) is based upon 1 raw spore count.
Moody Labs recommends two significant figures for calculated values based on ASTM D7391.

This report must not be used by the customer to claim product certification, approval, or endorsement by AIHA LAP, LLC, ISO, or any agency of the Federal Government.

Debris Rating Key

0 - No linear trace detected
1 - Trace particulate/debris
2 - Light particulate/debris
3 - Moderate particulate/debris
4 - Substantial particulate/debris
5 - Extensive particulate/debris
6 - Field blank
10 - Hold Sample
11 - Modified Analysis per Client Instructions

NOTE: Particulate/debris are defined as skin, fibers, pollen grains, insect parts, fungal and/or other non-fungal particles.

IAQ Mold Report

Analytical Notes

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460
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Sample Type: Spore Trap, Non-cultured
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Lab Job No. : 23F-09205
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Sample Date : 08/01/2023
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Lab ID # 102577

End of Analytical Notes section
23F-09205

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

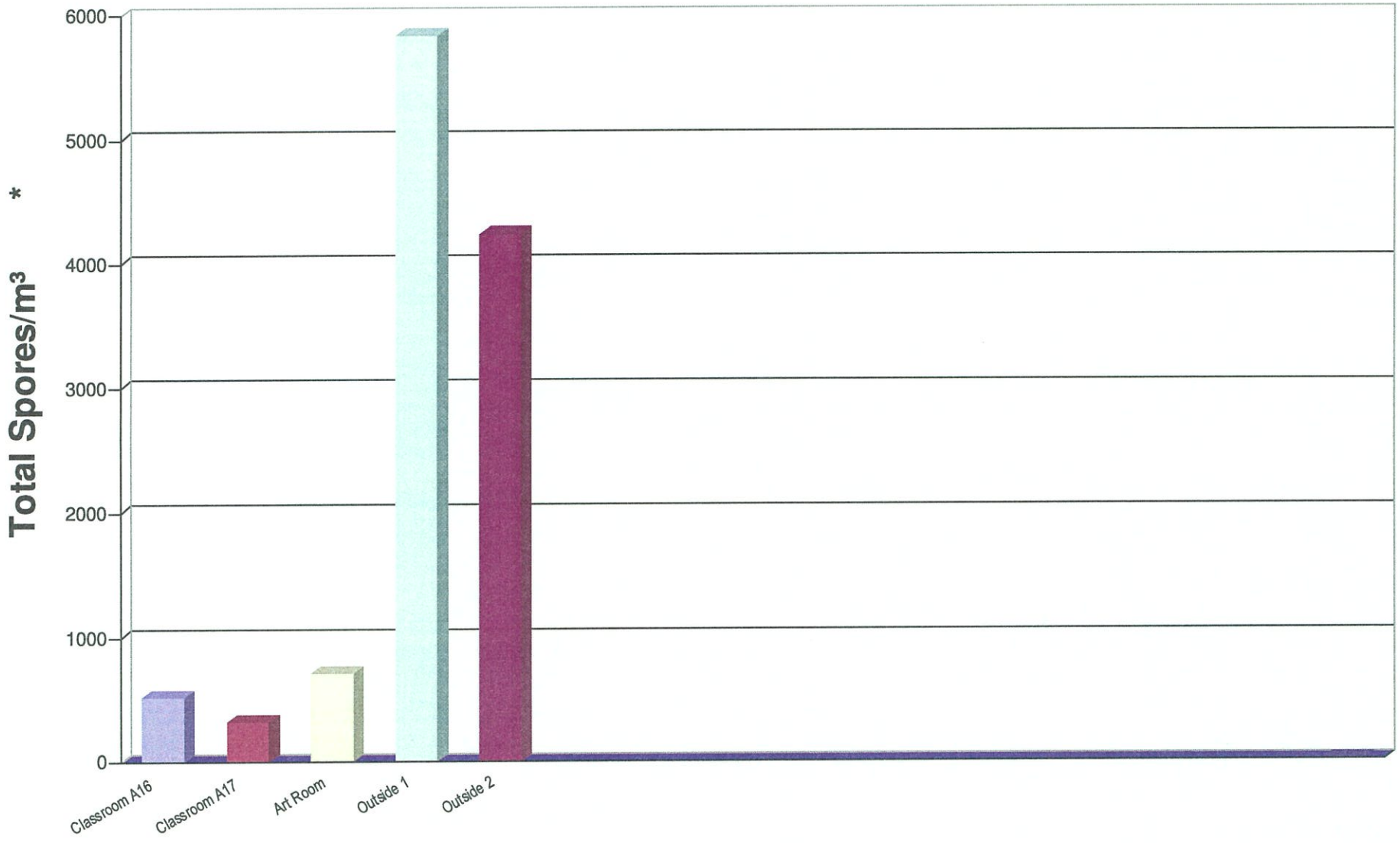
IAQ Mold Report

Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Moody Labs
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Farmers Branch, TX 75234 Phone: (972) 241-8460

IAQ Mold Report

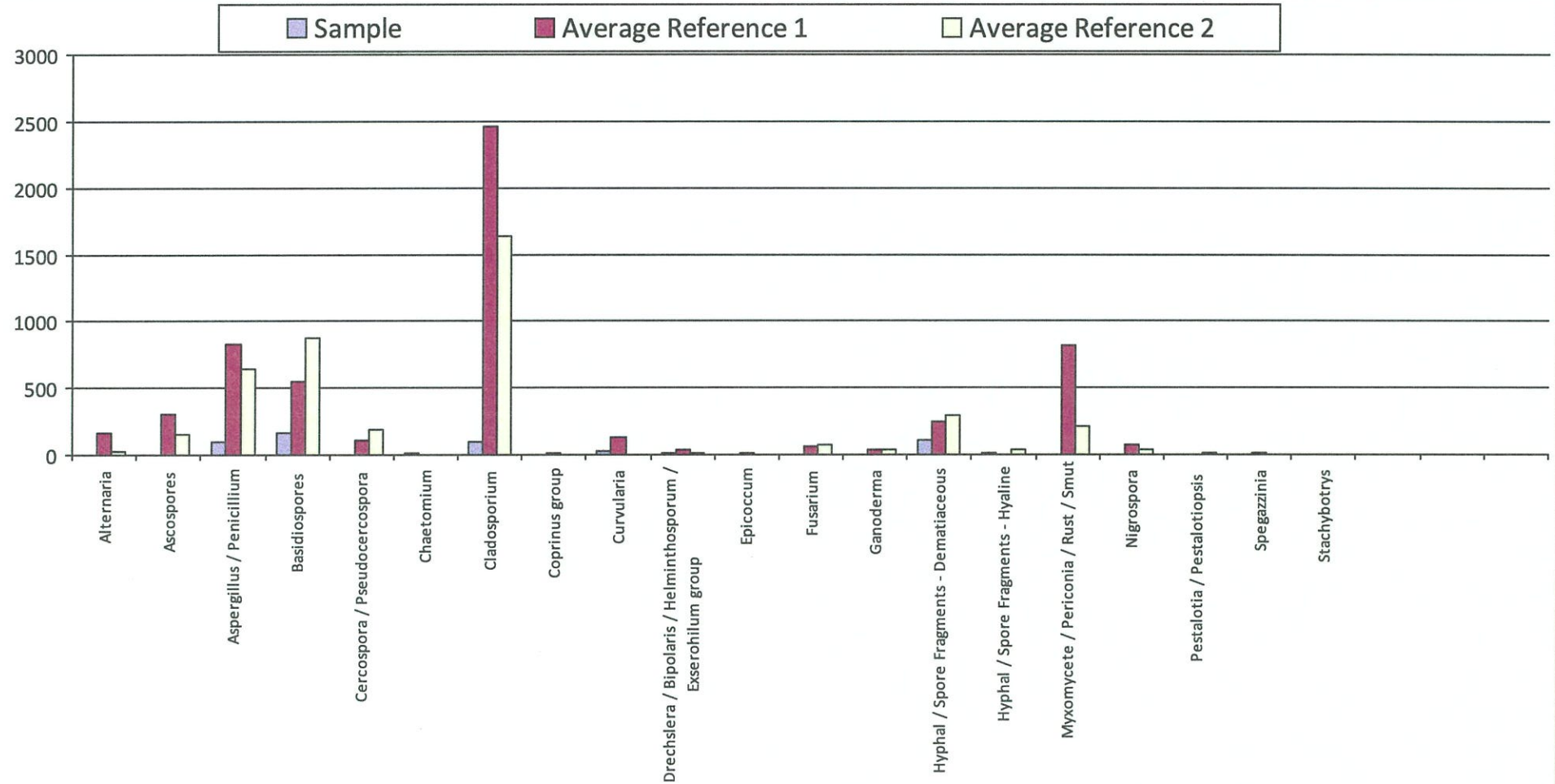
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191

Classroom A16

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Average Reference 1 = Outside 1

Average Reference 2 = Outside 2

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

IAQ Mold Report

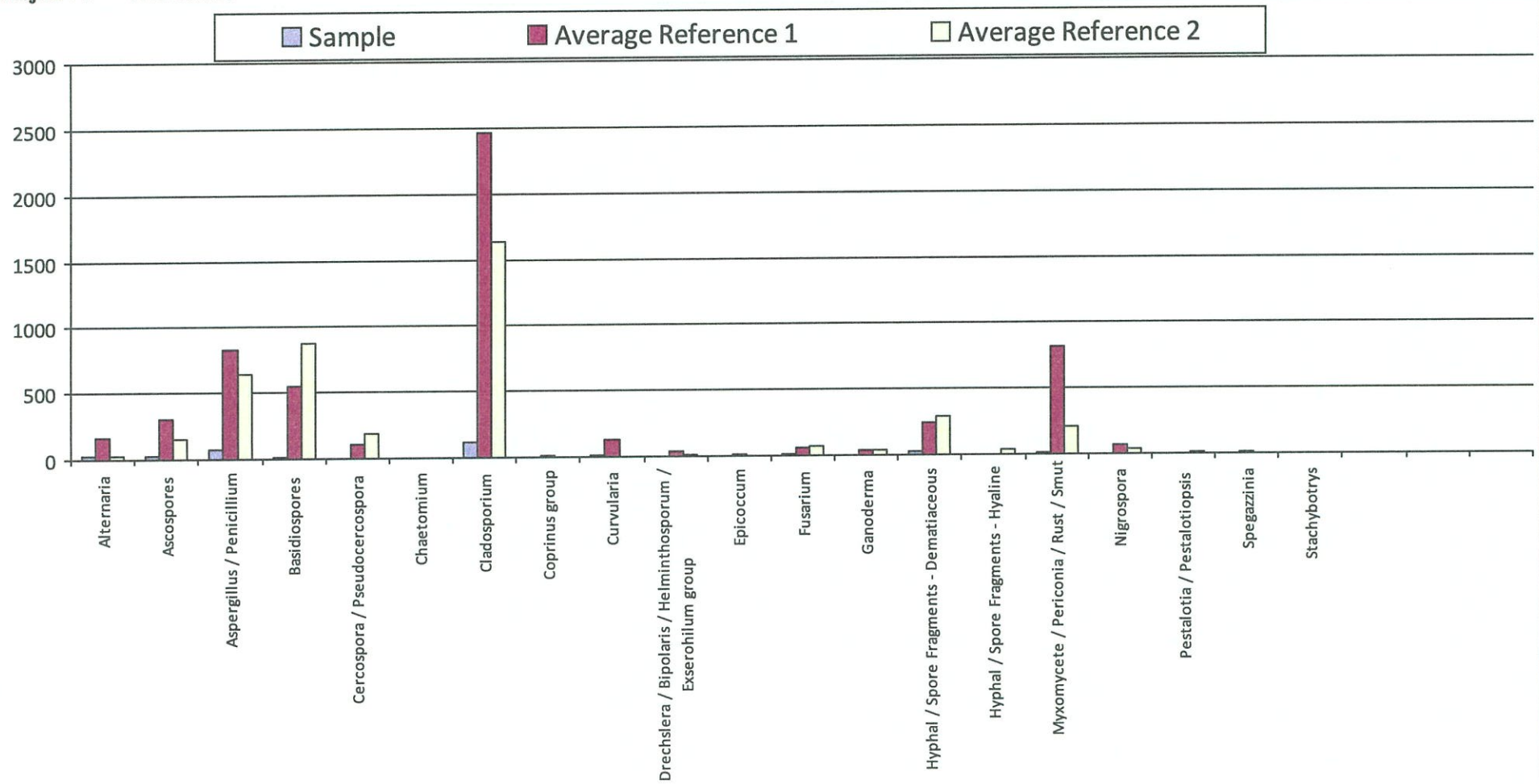
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191

Classroom A17

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Average Reference 1 = Outside 1

Average Reference 2 = Outside 2

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

IAQ Mold Report

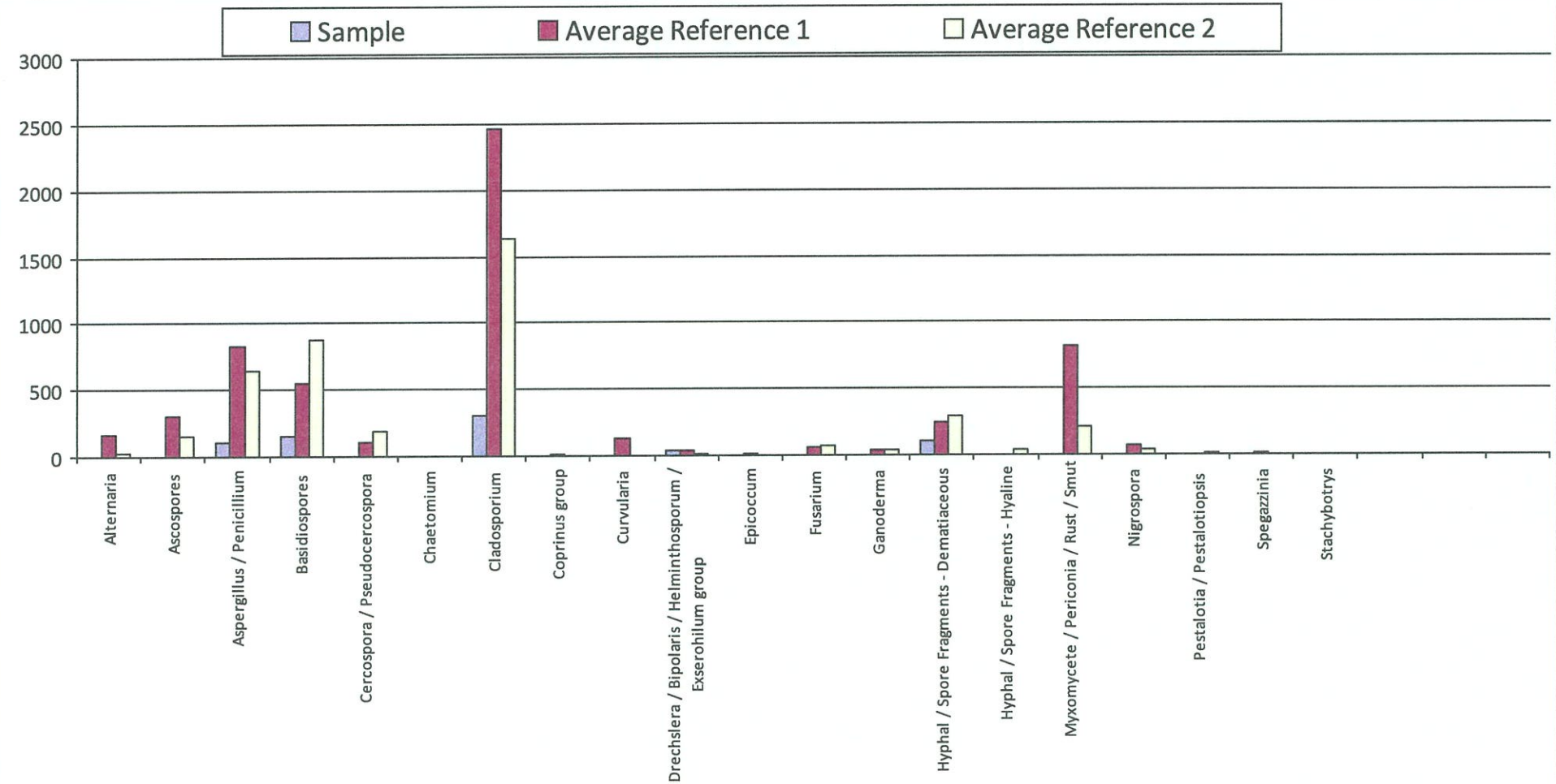
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191

Art Room

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Average Reference 1 = Outside 1

Average Reference 2 = Outside 2

Moody Labs
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IAQ Mold Report

Supplemental Overview

TDLR License No.: LAB0117
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Project : LISD, Ethridge Elementary
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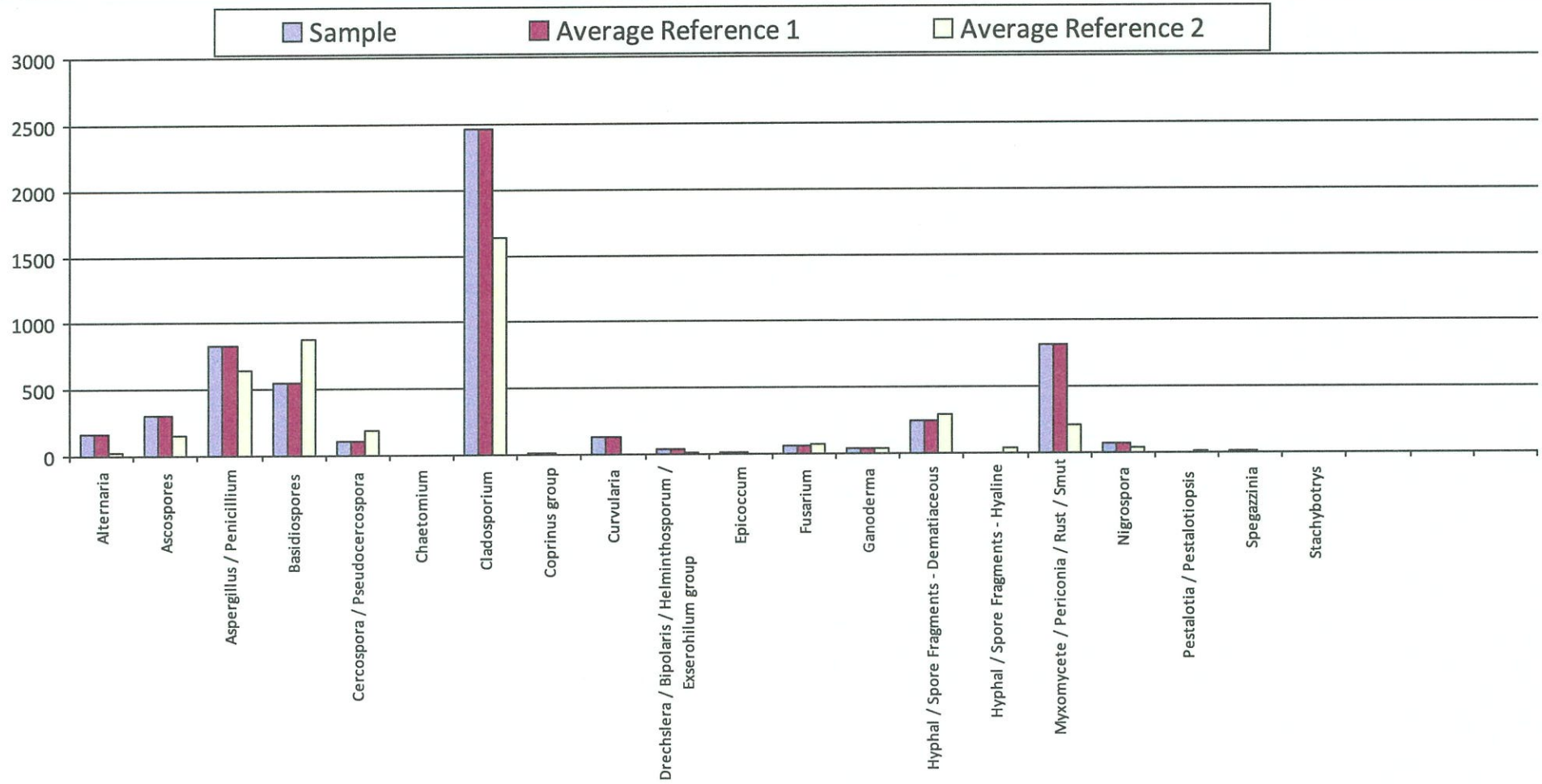
Outside 1

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Average Reference 1 = Outside 1

Average Reference 2 = Outside 2

Moody Labs
2051 Valley View Lane
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IAQ Mold Report

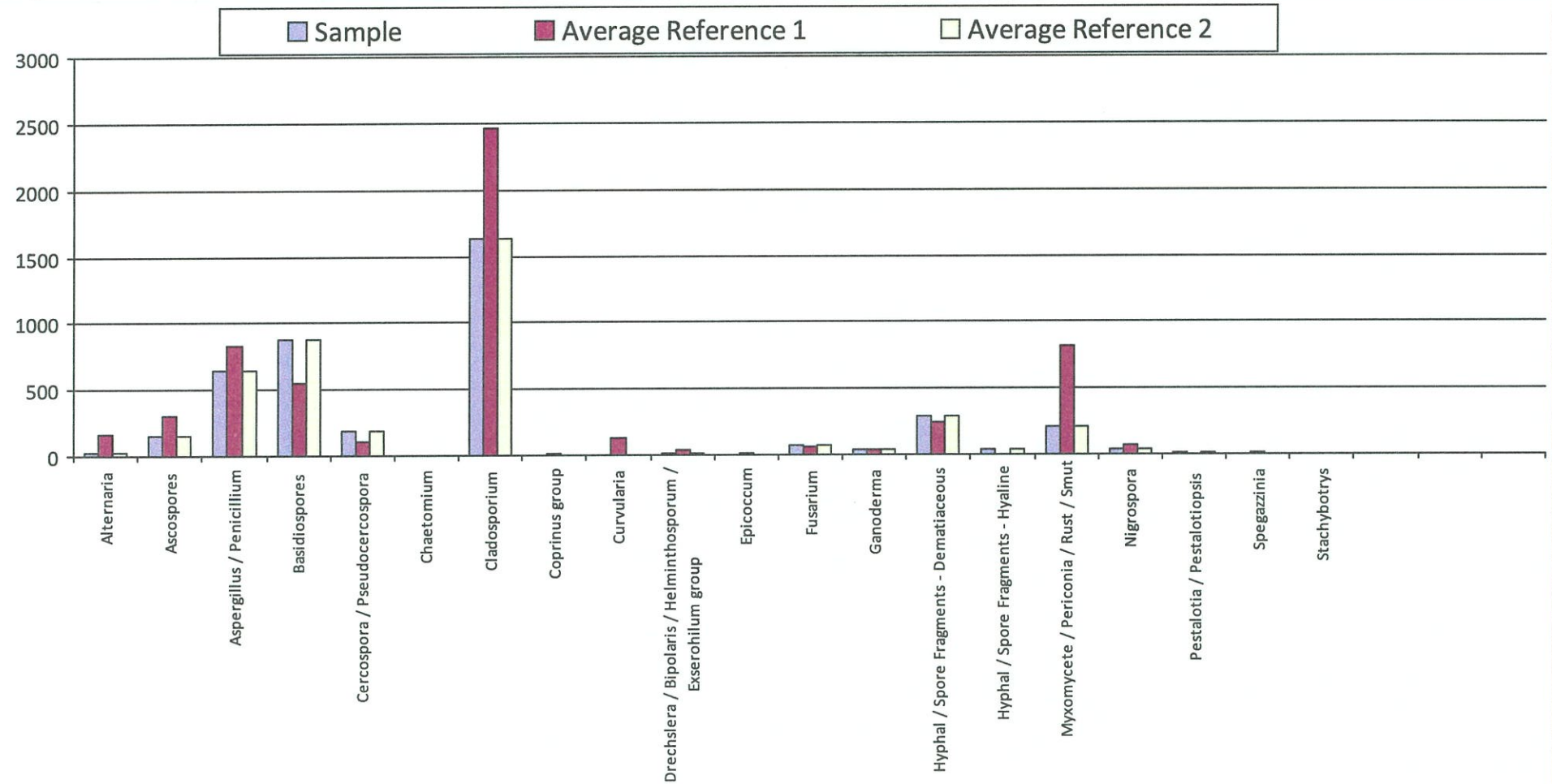
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : LISD, Ethridge Elementary
Project # : 01A1288191

Outside 2

Lab Job No. 23F-09205
Report Date 08/01/2023
Sample Date : 08/01/2023



Average Reference 1 = Outside 1

Average Reference 2 = Outside 2

End of Supplemental Overview section (23F-09205)

Chain of Custody

Lab Job # 23F-09265
Lab Job # 5 Stool
Lab Job # AOC

AFTER HOURS / WEEKEND WORK: ☐ YES ☐ NO
Please call in advance for after hours / immediate pricing & availability

Page 1 of 1

ASBESTOS PLM

Bulk ☐ Immediate ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5-7 day
☐ **Analyze All** ☐ **Positive Stop**

PCM Air (7400)

☐ Immediate ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day
Analyze Blanks ☐ **Yes** ☐ **No**

TOTAL DUST(0500/0600)

☐ 1 day ☐ 2 day

ASBESTOS TEM

Air AHERA Method ☐ Late Night* ☐ 6 hr ☐ 12 hr ☐ 24 hr
Air 7402 (Modified) ☐ 1 day ☐ 2 day ☐ 3 day
Bulk ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day
Water/Wipe/Micro Vac ☐ 1 day ☐ 2 day ☐ 3 day
Analyze Blanks ☐ **Yes** ☐ **No**

*Late night analysis surcharges apply

MOLD

Direct Exam ☐ Immed ☐ 1 day ☐ 2 day ☐ 5 day
Standard Air ☒ Immed ☐ 1 day ☐ 2 day ☐ 5 day
Expanded Air ☐ Immed ☐ 1 day ☐ 2 day ☐ 5 day
TPC w/ Yeast & Mold (TYMC)** ☐ 5 day
Culture** ☐ 10-14 days
Analyze Blanks ☐ **Yes** ☐ **No**

BACTERIA**

Total Plate Count (TAMC) ☐ 2 day
Coliform & E. coli (P/A) ☐ 1 day
Coliform & E. coli (Q) ☐ 1 day
Enterococci (P/A) ☐ 1 day

Please note Bateria / Mold Culture turnarounds are approximate and subject to analytical requirements

OTHER: _____

Billing Company / City: Ensolum # of Samples: 5 Sample Date: 8/1/23
Project: LISD - Ethridge Elementary Project #: 01A1288191
Contact Information: Name: _____ Phone #: _____
E-mail Results to: dbowden@ensolum.com Mobile #: _____
Invoice Address: _____ P.O. #: _____

Please review paperwork and samples before submitting to lab. Unsealed / improperly packaged / damaged / expired samples or excessive administrative requests may incur additional fees

Notes: _____

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
5254641	Classroom A16	75L	
5254637	Class room A17		
5254644	ART Room		
5254559	Outdoor 1		
467401	outdoor 2		

Released By:	Date / Time: 8/1/23 1000	Received By:	Date / Time: 8/1/23 1034
Released By:	Date / Time:	Received By:	Date / Time:

APPENDIX B: DEFINITIONS AND LIMITATIONS

ENSOLUM

Mold Services Definitions & Limitations

Ensolum performed services in accordance with generally accepted practices of the profession undertaken in similar services at the same time and in the same geographical area. No other warranties, express or implied, apply to the services hereunder or the final report.

Ensolum's services and any report have been prepared on behalf of and for the exclusive use of the Client solely for its use and reliance in assessing the presence of mold in the Investigation Areas of the site. The Client was the only party to which Ensolum explained the risks and limitations of the services and was solely involved in shaping the scope of services. Accordingly, reliance on this report by any other party may involve assumptions leading to an unintended interpretation of findings and opinions. With the consent of the Client, Ensolum may offer reliance to third parties or contract with other parties to develop findings and opinions related to such party's unique risk management concerns. Notwithstanding the foregoing, reliance by any and all third parties upon this deliverable, Ensolum's services or any subsequent report shall be limited in the aggregate to the fair market value of the services provided by Ensolum.

"Limited Mold Assessment". This deliverable uses the term "Limited Mold Assessment" to denote that Ensolum's mold assessment services are limited: (i) to certain portions of the building structure (e.g., the Investigation Areas), by non-destructive sampling methodologies, and/or by access limitations to building materials or components within the Investigation Area(s). In contrast to a "Limited Assessment" is a comprehensive assessment would involve destructive sampling methods with the assessment to be conducted throughout the entire building structure.

Time sensitive. One must keep in mind that mold assessments are essentially a "snap shot in time," and the results are only relevant at the time of site reconnaissance. Because mold, when biologically active, is a living organism, its presence is influenced and controlled by environmental conditions. Mold assessments, therefore, are "time sensitive" in that the presence and concentration of mold and similar organisms in building structures or in the air is directly influenced by environmental conditions (such as humidity, moisture, nutrients and substrates), whether natural or caused by man, which conditions may vary significantly over relatively short periods of time.

Methodologies. Currently, mold assessment methodologies and protocols in Texas are governed by persuasive guidelines (rather than promulgated federal/state or local regulations). Presently, there is no data that supports a threshold limit or dose-response relationship for exposure to mold aeroallergens, individual pathogens, opportunistic pathogens and/or mycotoxins. The Occupational Safety and Health Administration (OSHA), the National Institute of Occupational Safety and Health (NIOSH) and other non-governmental associations, have not yet established permissible exposure limits (PELs), recommended exposure limits (RELs), or other limit values for fungi. Because no limit values presently exist. Ensolum will not and cannot represent that the site contains no harmful microbes, mold, fungi, or their metabolites, or other latent conditions beyond those identified by the limited scope of this mold assessment.

Findings limited. Findings in an LMA are limited due to the nature of the information obtained such as a visual reconnaissance of readily accessible areas of building structures, interview information, anecdotal information, and limited sampling data derived from one or more specific sampling events. Ensolum cannot warrant the accuracy of prior or subsequent information/data, reports and services performed by other firms at the Site. Ensolum assumes no responsibility or liability for errors in information or data provided by or through the client or third party sources. Ensolum's services are not to be construed as legal or medical interpretation or advice.

Moisture Intrusion Limitation. Ensolum performs mold assessment services and is not a moisture intrusion, HVAC, plumbing or building envelope specialist. However, during the course of conducting its mold assessment services, Ensolum will report observed areas of apparent moisture intrusion. Ensolum does not and will not investigate the cause or causes of such observed moisture intrusion. In the event apparent moisture intrusion is observed, Ensolum will recommend that the client contact a specialist (i.e., plumbing contractor, building envelope specialist, HVAC contractor, water intrusion specialist, etc.) to assist the client in determining the specific cause or causes of the moisture intrusion and remedial options.

Certificate of Mold Damage Remediation (CMDR). For mold remediation projects (above certain size thresholds), applicable Texas law (i.e., Texas Occupation Code Section 1958.54 and T.A.C. Section 295.397 (the Texas Mold Assessment and Remediation Rules), requires that a "Certificate of Mold Damage Remediation" be issued by the Mold Remediation Contractor upon successful completion of the project. This certificate must be provided to property owners no later than the 10th day after the date on which the mold remediation is completed at a property. The Mold Remediation Certificate issued by the Mold Remediation Contractor must include a certification by the Mold Assessor that the mold remediation project has been successfully completed in accordance with the mold remediation protocol.

Be advised that Ensolum's issuance of a CMDR upon successful completion of a Mold Remediation project does not mean, warrant or otherwise guarantee that mold will not be subsequently found in any portion of an Investigation Area or the Site. In the event that Ensolum is engaged to render services in connection with a mold remediation project, ENSOLUM will require Client to provide to Ensolum written documentation that all sources of moisture which contributed to the presence of mold in the Investigation Area have been fully remediated and corrected prior to achieving clearance.

APPENDIX C: LICENCES

TEXAS DEPARTMENT OF LICENSING AND REGULATION
P.O. Box 12157
Austin, Texas 78711-2157
1-800-803-9202 (512) 463-6599
www.tdlr.texas.gov

If you cut around the border of the license it will fit in a standard 5" x 7" frame.

ENSOLUM, LLC
SUITE 1203
2351 W NORTHWEST HWY
DALLAS TX 75220-4433

Mold Assessment Company

ENSOLUM, LLC

2351 W NORTHWEST HWY SUITE 1203 DALLAS

License Number: ACO1138

The entity named above is licensed by the Texas Department of Licensing and Regulation.

License Expires: February 07, 2024

Brian E. Francis
Executive Director

Rick Figueroa
Chair

Thomas F. Butler
Vice Chair

Gerald R. Callas, M.D., F.A.S.A.
Helen Callier
Nora Castañeda
Joel Garza
Gary F. Wesson, D.D.S., M.S.

Mold Analysis Laboratory

MOODY LABS LLC

2051 VALLEY VIEW LN FARMERS BRANCH

License Number: LAB0117

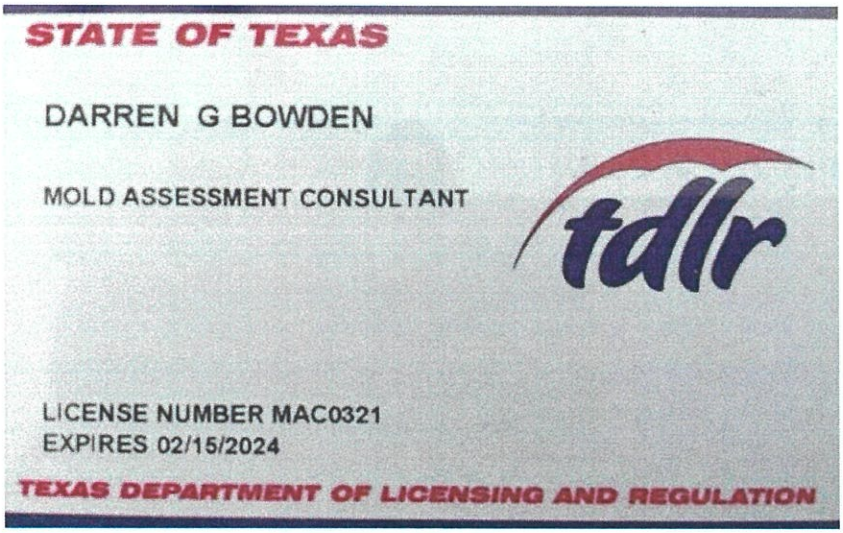
The entity named above is licensed by the Texas Department of Licensing and Regulation.

License Expires: March 01, 2024

Mike Arismendez, Jr.
Executive Director

ENSOLUM

Texas Department of Licensing and Regulation
Mold Assessment Consultant
Darren G Bowden
License No. MAC0321 Expires February 15, 2024



GEBCO ASSOCIATES

certifies that

Darren G. Bowden

has successfully completed and passed the exam given on the final day for the Environmental Training Program entitled

Mold Assessment Consultant Refresher

Conducted at Hurst, Texas on February 13, 2023

This 8-hour course covers topics specified in the Texas Mold Assessment and Remediation Rules for the Mold Assessment Consultant at 78.68 (f).

GEBCO

Owner

Instructor: Dana Brown

Date of Issue 02/13/2023

Certificate Number: 23017 2202

Exam Date: 02/13/2023

Certificate Expires 02/13/2025

GEBCO's Training Programs are provided in cooperation with federal and state regulatory agencies, and fulfill all applicable requirements for accreditation. GEBCO is licensed through TDLR for Mold Training under the Texas Mold Assessors and Remediators Rules.

GEBCO Associates, LP * 815 Trailwood Dr, Suite 200 * Hurst, TX 76053 * (817)268-4006