Treadway, David

To: Scott, James
Cc: Hughes, Jason; Barr, Shawn; Cashman, Jinger
Subject: Limited Mold Assessment Rms 1230,1240, and 1250

Mr. Scott,

Good morning. My name is David Treadway and I and the IAQ coordinator for LISD. I am sending this email to follow up with the results of the limited mold assessment that was conducted in rooms 1230, 1240, and 1250 on January 30. It is typically assumed that the indoor spore levels in an area with filtered or air conditioned air, and activity levels associated with schools, average below outdoor levels. Data from the airborne fungi sampling indicated that the total indoor concentration of mold/fungi in Room 1230 was **8.6%**, Room 1240 was **5.5%**, Room 1250 was **6.1%** of the outdoor levels. Utilizing this theory, the indoor concentrations were within acceptable guidelines for areas with filter air or air conditioning. If you have any questions, please feel free to contact me.

Sincerely,
David Treadway

Environmental Coordinator
Lewisville ISD
469-948-7823

ENSOLUM

February 7, 2020

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

Re:
Limited Mold Assessment
Flower Mound High School – Rooms 1230, 1240 &1250
3411 Peters Colony Road
Flower Mound, Texas
Ensolum Project No. 01A.1288.074

Ensolum, LLC (Ensolum) was retained to perform limited mold assessment services within Rooms 1230, 1240 & 1250 of Flower Mound High School located at 3411 Peters Colony Road in Flower Mound, Texas. Enclosed is the report, including analytical data.

Ensolum appreciates this opportunity to be of service and looks forward to our continued work together. Please contact the undersigned with any questions or concerns you may have.

Sincerely,

Clinton S. Jech
Mold Assessment Consultant
MAC1444 EXP: 10/09/2021

Darren G. Bowden
Principal
MAC0321 EXP: 2/15/2020

1.0 INTRODUCTION

Ensolum was retained by Mr. David Treadway, LISD, to complete a Limited Mold Assessment of Rooms 123, 1240 & 1250 of Flower Mound High School located at 3411 Peters Colony Road in Flower Mound, Texas. The purpose of this investigation was to determine if elevated concentrations of airborne fungal spores and structures were present within the above-referenced room.

Mr. Clint Jech completed the on-site investigation on January 30, 2020. The Limited Mold Assessment was performed in response to a complaint of possible indoor air quality issues within specific areas from a flood event.

2.0 PROCEDURE

Ensolum visually inspected accessible areas of classrooms 1230, 1240 & 1250. No Visible water damage or odors were observed in the following locations:

VISIBLE WATER DAMAGE		
LOCATION	DATE	EXPLANATION
Room 1230	1-30-2020	N/A
Room 1240	1-30-2020	N/A
Room 1250	1-30-2020	N/A

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
Exterior, Northwest	1-30-2020	52	49	28
Exterior, Southwest	1-30-2020	53	48	28
Room 1230	1-30-2020	71	44	49
Room 1240	1-30-2020	72	39	45
Room 1250	1-30-2020	70	34	37

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 of time (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 of time (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
1	Exterior, Northwest
2	Exterior, Southwest
3	Room 1230
4	Room 1240
5	Room 1250

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 in the rooms were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed.

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 this day.

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 : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date: 01/30/2020
Spore Trap Type: Allergenco D

On 1/30/2020, five (5) samples were submitted by Clint Jech of Ensolum, LLC (located at 2351 W. Northwest Hwy Suite #1203, Dallas, TX 75220) 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	
1	75	Exterior, Northwest	Basidiospores	746	48%
			Ascospores	360	23%
			Aspergillus / Penicillium	213	14%
			Cladosporium	133	9%
			Myxomycete / Periconia / Rust / Smut	27	2%
			Coprinus group	27	2%
			Hyphal / Spore Fragments - Dematiaceous	13	<1%
			Nigrospora	13	<1%
			Curvularia	13	<1%
			Total:	1545	100%
2	75	Exterior, Northeast	Basidiospores	1213	56%
			Ascospores	440	20%
			Aspergillus / Penicillium	293	14%
			Cladosporium	93	4%
			Agaricales group	40	2%
			Coprinus group	27	1%
			Hyphal / Spore Fragments - Dematiaceous	13	<1%
			Myxomycete / Periconia / Rust / Smut	13	<1%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	13	<1%
			Alternaria	13	<1%
			Total:	2158	100%

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 : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date: 01/30/2020
Spore Trap Type: Allergenco D

On 1/30/2020, five (5) samples were submitted by Clint Jech of Ensolum, LLC (located at 2351 W. Northwest Hwy Suite #1203, Dallas, TX 75220) 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	
3	75	Classroom 1230 * See Analytical Notes report for further details	Hyphal / Spore Fragments - Dematiaceous	67	36%
			Basidiospores	40	21%
			Myxomycete / Periconia / Rust / Smut	27	14%
			Aspergillus / Penicillium	27	14%
			Cladosporium	13	7%
			Alternaria	13	7%
			Total:	187	100%
4	75	Classroom 1240	Hyphal / Spore Fragments - Dematiaceous	53	45%
			Ascospores	27	23%
			Myxomycete / Periconia / Rust / Smut	13	11%
			Basidiospores	13	11%
			Aspergillus / Penicillium	13	11%
			Total:	119	100%
5	75	Classroom 1250	Hyphal / Spore Fragments - Dematiaceous	40	30%
			Ascospores	40	30%
			Hyphal / Spore Fragments - Hyaline	13	10%
			Coprinus group	13	10%
			Drechslera / Bipolaris / Helminthosporum / Exserohilum group	13	10%
			Basidiospores	13	10%
			Total:	132	100%

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 : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date: 01/30/2020
Spore Trap Type: Allergenco D

On 1/30/2020, five (5) samples were submitted by Clint Jech of Ensolum, LLC (located at 2351 W. Northwest Hwy Suite #1203, Dallas, TX 75220) 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

Analyst(s): Phoebe Stell

Lab Director : Heather Lopez — Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb — Approved Signatory : Bruce Crabb

Thank you for choosing Moody Labs

This Page Left Intentionally Blank

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
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date: 01/30/2020
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:	1					2					3				
Location:	Exterior, Northwest					Exterior, Northeast					Classroom 1230				
Media Expires On:	Nov 2020					Nov 2020					Nov 2020				
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
Agaricales group						3	13	40	2%	40					
Alternaria						1	13	13	<1%	10	1	13	13	7%	10
Ascospores	27	13	360	23%	360	33	13	440	20%	440					
Aspergillus / Penicillium	16	13	213	14%	210	22	13	293	14%	290	2	13	27	14%	30
Basidiospores	56	13	746	48%	750	91	13	1213	56%	1200	3	13	40	21%	40
Chaetomium															
Cladosporium	10	13	133	9%	130	7	13	93	4%	90	1	13	13	7%	10
Coprinus group	2	13	27	2%	30	2	13	27	1%	30					
Curvularia	1	13	13	<1%	10										
Drechslera / Bipolaris / Helminthosporu						1	13	13	<1%	10					
Hyphal / Spore Fragments - Dematiace	1	13	13	<1%	10	1	13	13	<1%	10	5	13	67	36%	70
Hyphal / Spore Fragments - Hyaline															
Memnoniella															
Myxomycete / Periconia / Rust / Smut	2	13	27	2%	30	1	13	13	<1%	10	2	13	27	14%	30
Nigrospora	1	13	13	<1%	10										
Stachybotrys															
TOTALS	116		1545	100%	1500	162		2158	100%	2200	14		187	100%	190
Analyst	Phoebe Stell					Phoebe Stell					Phoebe Stell				
Analysis Date	1/31/2020					1/31/2020					1/31/2020				
Debris Rating	2					2					5				
Debris Composition															
Fibers	1/5					1/5					2/5				
Inorganic/Other	2/5					2/5					5/5				
Insect Parts	1/5					1/5					0/5				
Pollen	0/5					1/5					0/5				
Skin/Dander	1/5					1/5					4/5				

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
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date: 01/30/2020
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:	4					5													
Location:	Classroom 1240					Classroom 1250													
Media Expires On:	Nov 2020					Nov 2020													
Notes Included:																			
Volume:	75					75													
	raw ct.	RL	spores/m³	%total	spores/m³ SF	raw ct.	RL	spores/m³	%total	spores/m³ SF									
Agaricales group																			
Alternaria																			
Ascospores	2	13	27	23%	30	3	13	40	30%	40									
Aspergillus / Penicillium	1	13	13	11%	10														
Basidiospores	1	13	13	11%	10	1	13	13	10%	10									
Chaetomium																			
Cladosporium																			
Coprinus group						1	13	13	10%	10									
Curvularia																			
Drechslera / Bipolaris / Helminthosporu						1	13	13	10%	10									
Hyphal / Spore Fragments - Dematiace	4	13	53	45%	50	3	13	40	30%	40									
Hyphal / Spore Fragments - Hyaline						1	13	13	10%	10									
Memnoniella																			
Myxomycete / Periconia / Rust / Smut	1	13	13	11%	10														
Nigrospora																			
Stachybotrys																			
TOTALS	9		119	100%	120	10		132	100%	130									
Analyst	Phoebe Stell					Phoebe Stell													
Analysis Date	1/31/2020					1/31/2020													
Debris Rating	4					3													
Debris Composition																			
Fibers	1/5					1/5													
Inorganic/Other	2/5					2/5													
Insect Parts	0/5					1/5													
Pollen	0/5					0/5													
Skin/Dander	4/5					2/5													

End of Data Detail section
20F-01095

This Page Left Intentionally Blank

IAQ Mold Report

Analytical Notes

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 : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date : 01/30/2020
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.

Samples Analyzed

Sample No	3 : Classroom 1230
Notes:	20% Occluded.

Field Blanks

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

NOTE: All remaining samples suitable for analysis.

Methods

Method: ASTM D7391-17e1: Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy.
Samples are read at 100% 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 D7391-17e1.

This report must not be used by the customer to claim product certification, approval, or endorsement by AIHA, 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
TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 20F-01095
Report Date : 01/31/2020
Sample Date : 01/30/2020
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.

Lab ID # 102577

End of Analytical Notes section
20F-01095

IAQ Mold Report

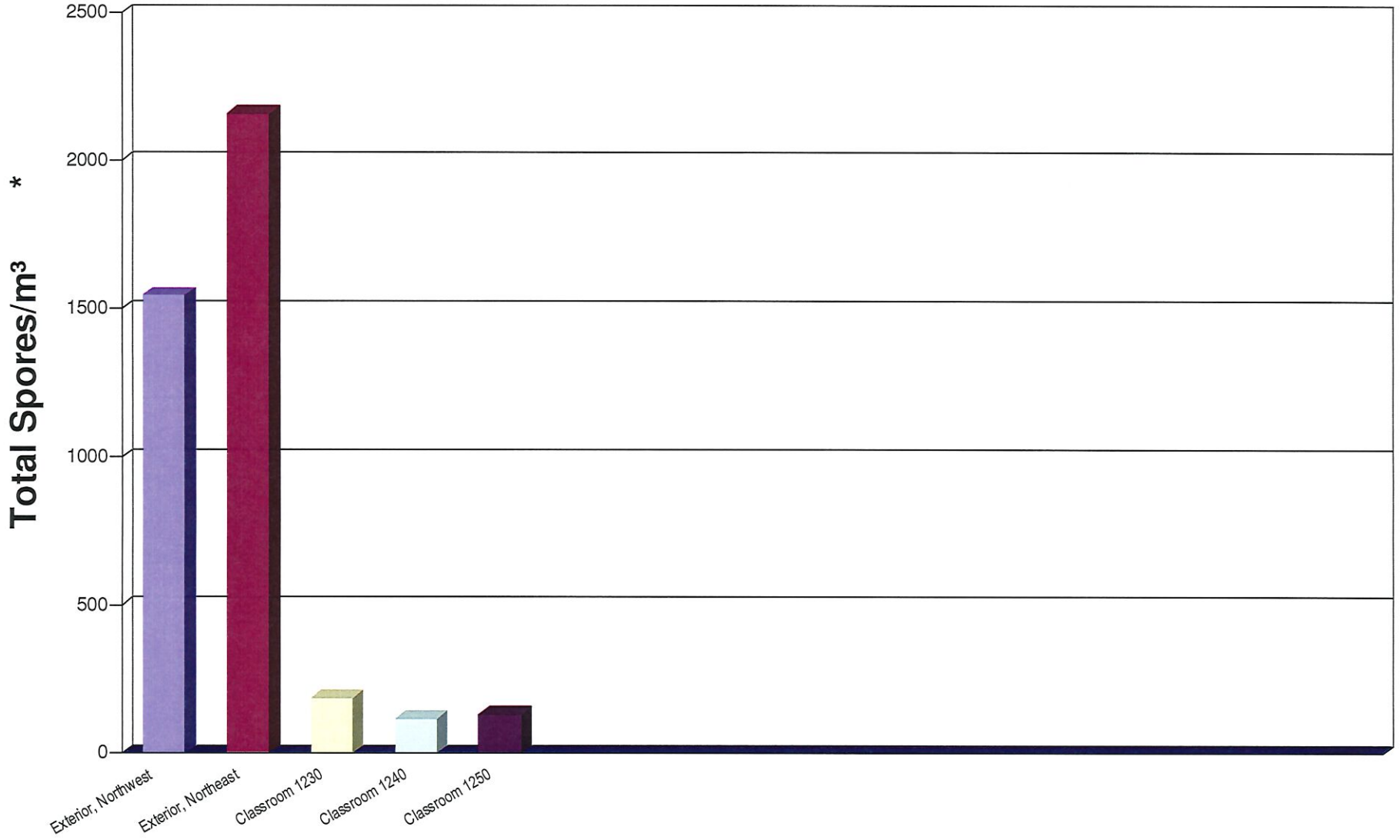
Supplemental Overview

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 : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



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

IAQ Mold Report

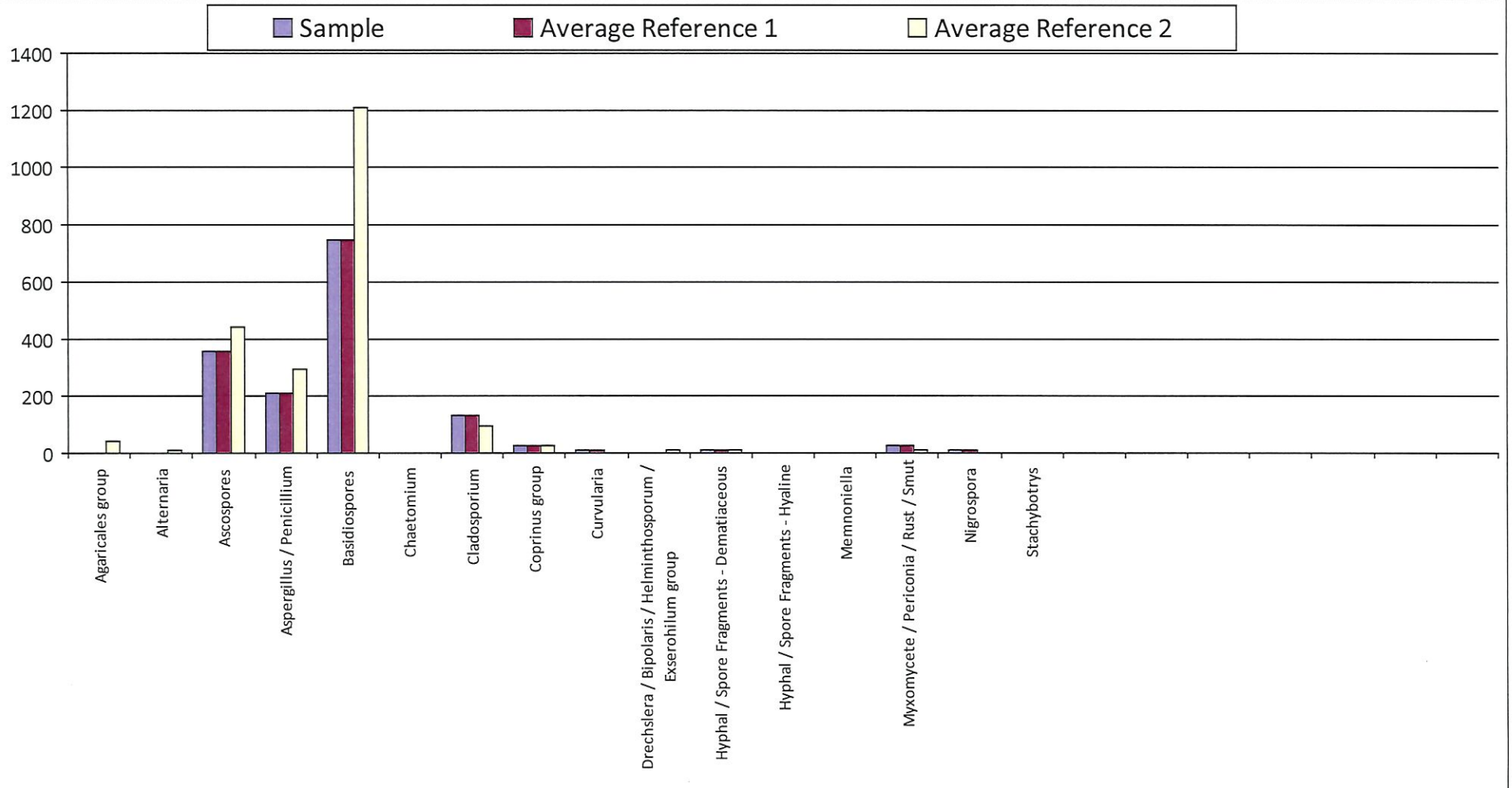
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Exterior, Northwest

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



Average Reference 1 = Exterior, Northwest

Average Reference 2 = Exterior, Northeast

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

IAQ Mold Report

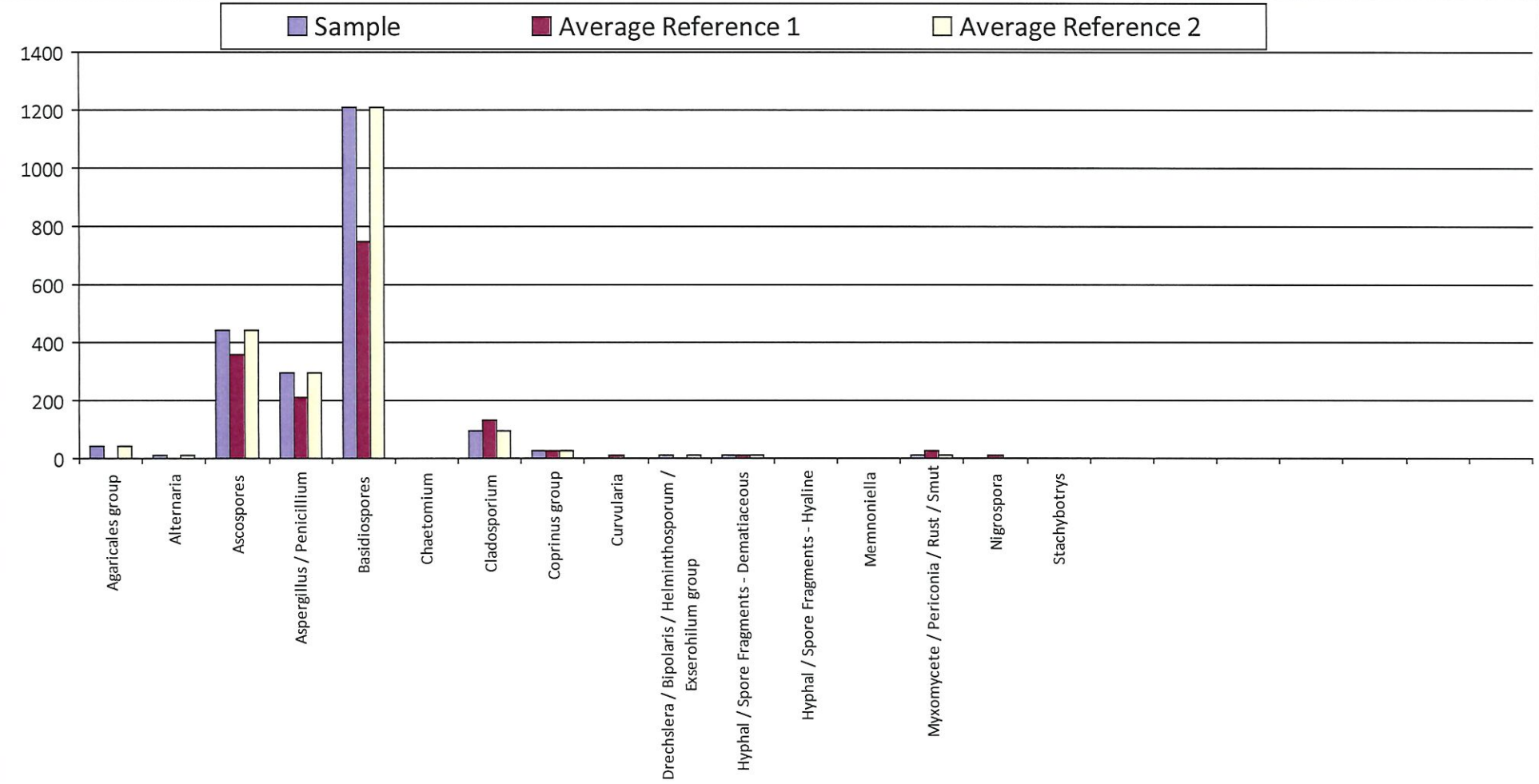
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Exterior, Northeast

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



Average Reference 1 = Exterior, Northwest

Average Reference 2 = Exterior, Northeast

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

IAQ Mold Report

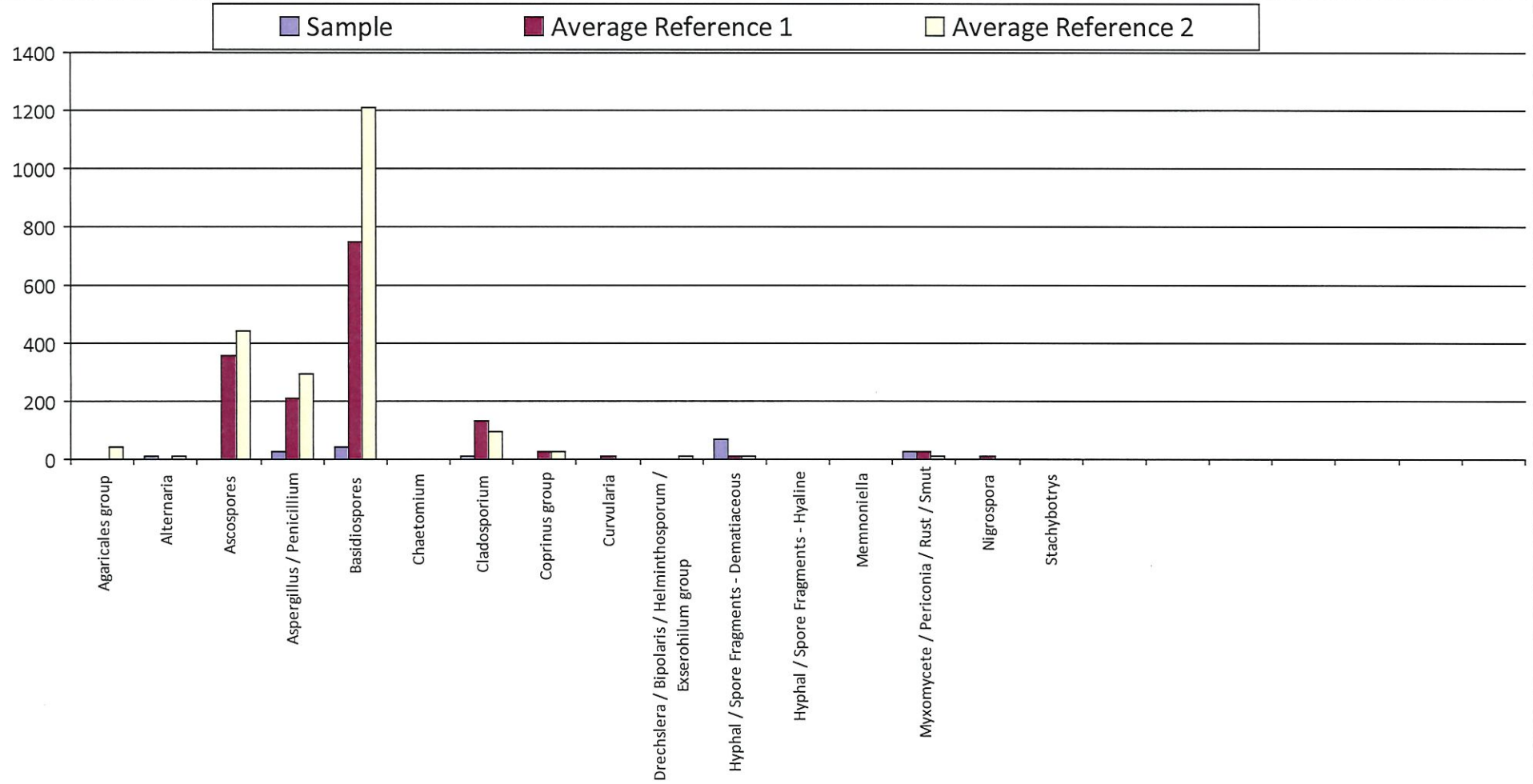
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Classroom 1230

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



Average Reference 1 = Exterior, Northwest

Average Reference 2 = Exterior, Northeast

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

IAQ Mold Report

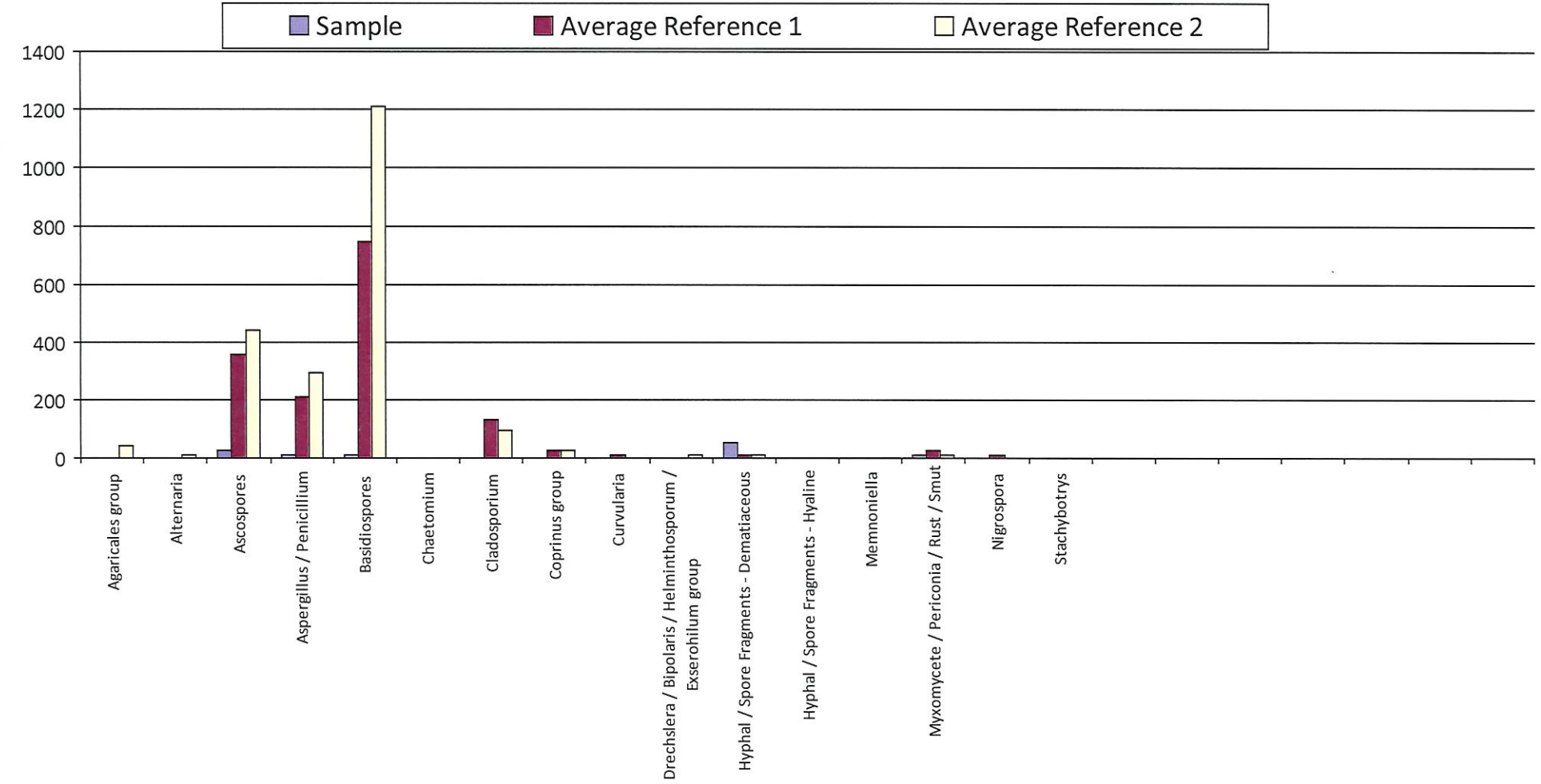
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Classroom 1240

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



Average Reference 1 = Exterior, Northwest

Average Reference 2 = Exterior, Northeast

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

IAQ Mold Report

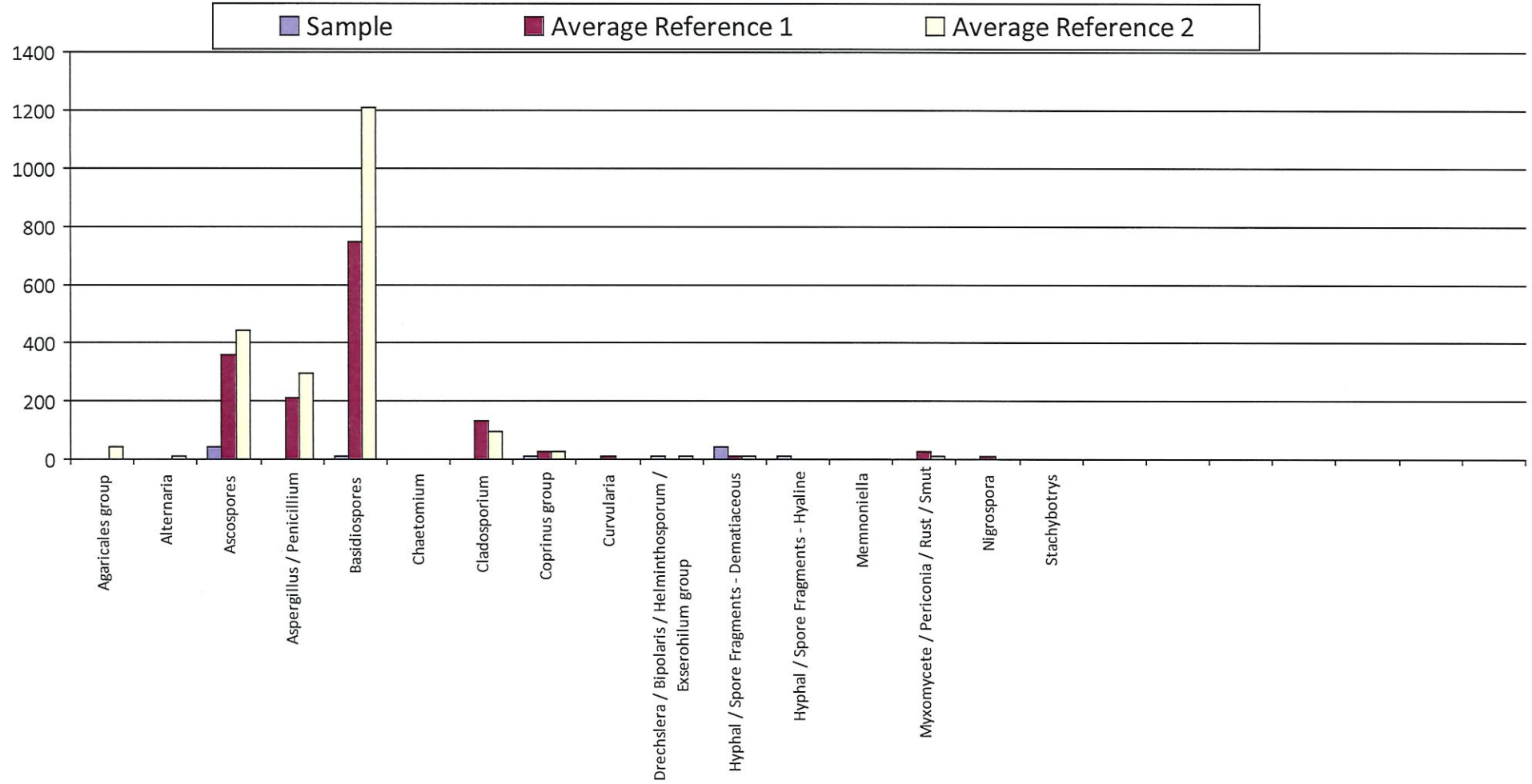
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Ensolum, LLC
Project : Flower Mound HS, Rooms 1230, 1240 & 1250
Project # : 01A.1288.074

Classroom 1250

Lab Job No. 20F-01095
Report Date 01/31/2020
Sample Date : 01/30/2020



Average Reference 1 = Exterior, Northwest

Average Reference 2 = Exterior, Northeast

End of Supplemental Overview section
20F-01095

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.