McKamey MS Limited Mold Assessment Rooms 2335 and 2445

Treadway, David <treadwayd@lisd.net>

Tue 9/10/2024 9:43 AM

To:Knight, Kelly <knightk@lisd.net>;Fritz, Amy <fritza@lisd.net>;Gothard, Calvin <gothardc@lisd.net>;Overacker, Michael <overackerm@lisd.net>

Cc:Reibly, Ruth <reiblyr@lisd.net>;Hughes, Jason <hughesjk@lisd.net>;Jones, Steven <jonessa@lisd.net>

Mrs. Knight,

Good morning. I'm sending this email to follow up on the results of a limited mold assessment in room 2335, as requested by your campus. As a precaution, a mold assessment was also conducted in room 2445, which is next door to room 2330. Ensolum LLC conducted the mold assessment of these rooms on 8/29/2024. It is typically assumed that 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 2335 was 6%*** of the outdoor levels and ***room 2445 was only 2%***. Utilizing this theory, the indoor concentration levels were well within the acceptable guidelines for filtered or air-conditioned air. The final report will be available on the LISD website as soon as it is received from Ensolum.

The West Zone HVAC department also cleaned the HVAC coils above room 2335 and checked the ductwork. Please let me know if you have any questions.

Sincerely,
David Treadway

David Treadway
LISD Environmental Coordinator
Facility Services Department

ENSOLUM

Limited Mold Assessment Report

McKamy Middle School Room 2335 and 2445
2401 Old Settlers Road
Flower Mound, TX 75022

September 5, 2024
Ensolum Project No. 01A1288228

Prepared for:

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

Prepared by:

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

September 5, 2024

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

Re: Limited Mold Assessment Report
McKamy Middle School, Rooms 2335 and 2445
2401 Old Settlers Road
Flower Mound, TX 75022
Ensolum Proposal No. P01A1288228

Ensolum, LLC (Ensolum) was retained by Mr. David Treadway on behalf of Lewisville Independent School District (Client) to perform limited mold assessment services within McKamy Middle School, Rooms 2335 and 2445, 2401 Old Settlers Road, Flower Mound, TX 75022. 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,
ENSOLUM

Tod McLellan
Mold Assessment Consultant
MAC1361

Darren G. Bowden
Principal
MAC0321 EXP: 2/15/2024

Table of Contents

Limited Mold Assessment Report

McKamy Middle School 2335 and 2445
2401 Old Settlers Road
Flower Mound, TX 75022

1.0 INTRODUCTION

Ensolum was retained by David Treadway, LISD, to complete a Limited Mold Assessment within Rooms 2335 and 2445 of McKamy Middle School, 2401 Old Settlers Road, Flower Mound, Texas 75022. 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 May 6, 2024. The Limited Mold Assessment was performed in response to a complaint of possible indoor air quality issues within the room.

2.0 PROCEDURE

Ensolum visually inspected accessible areas of room 2335 and 2445. Water damage was observed in the following locations:

VISIBLE WATER DAMAGE		
LOCATION	DATE	EXPLANATION
Interior Room 2335	8/29/24	There are visible water stains in three ceiling tiles.
Interior Room 2445	8/29/24	There is a visible water stain on one ceiling tile beside the light fixture.

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
Room 2335	8/29/2024	76 °F	44%	59%
Room 2445	8/29/2024	72 °F	54%	63%
Outdoor Front	8/29/2024	87 °F	56%	107%
Outdoor North	8/29/2024	87 °F	56%	107%

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**
ST - 1 (3771 5997)	Room 2335
ST - 2 (3771 5980)	Room 2445
ST - 3 (3771 6004)	Outdoor Front
ST - 4 (3771 6009)	Outdoor North

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 like 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. The water-stained tiles should be removed and a moisture intrusion investigation for cause of stains be conducted.

APPENDIX A: ANALYTICAL DATA

IAQ REPORT

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

TDLR License No. LAB1034

Client: Ensolum
Project (Line 1): McKamy Middle School
Project (Line 2):
Project No: 01A.1288.228
Identification: Fungi: Air Sample
Test Method: Nonviable - Standard Profile
Light Microscopy / Staining

Lab Job No.: IAQ-38210
Set No.: 54906
Report Date: 9/3/2024
Sample Date: 8/29/2024

On 8/29/2024, four (4) air samples were submitted by Mr. Tod McLellan of Ensolum for analysis by light microscopy/staining. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Volume (liters)	Spores Identified	Raw Count	Conc (Spores/m^3)	%
CL1289282	37715997	Room 2335	75	Ascospores	1	23	5%
				Aspergillus/Penicillium	6	140	27%
				Bipolaris/Drechslera	2	47	9%
				Cladosporium	7	163	32%
				Curvularia	3	70	14%
				Hyphae Fragments	3	70	14%
				Total:	22	512	
				Background Debris (1X to 5X):		1X	
CL1289283	37715980	Room 2445	75	Amerospores	1	23	12%
				Ascospores	2	47	25%
				Bipolaris/Drechslera	3	70	38%
				Cladosporium	1	23	12%
				Curvularia	1	23	12%
				Total:	8	186	
				Background Debris (1X to 5X):		1X	
CL1289284	37716004	Outdoor Front	75	Ascospores	37	861	9%
				Aspergillus/Penicillium	27	628	7%
				Basidiospores	4	93	1%
				Cercospora	5	116	1%
				Cladosporium	315	7331	79%
				Curvularia	5	116	1%
				Hyphae Fragments	2	47	1%
				Miscellaneous/Unidentified	1	23	<1%
				Rusts/Smuts/Myxomycetes	3	70	1%
				Total:	399	9286	
				Background Debris (1X to 5X):		1X	

IAQ REPORT

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

TDLR License No. LAB1034

Client: Ensolum
Project (Line 1): McKamy Middle School
Project (Line 2):
Project No: 01A.1288.228
Identification: Fungi: Air Sample
Test Method: Nonviable - Standard Profile
Light Microscopy / Staining

Lab Job No.: IAQ-38210
Set No.: 54906
Report Date: 9/3/2024
Sample Date: 8/29/2024

On 8/29/2024, four (4) air samples were submitted by Mr. Tod McLellan of Ensolum for analysis by light microscopy/staining. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Volume (liters)	Spores Identified	Raw Count	Conc (Spores/m^3)	%
CL1289285	37716009	Outdoor Back	75	Alternaria	2	47	<1%
				Ascospores	50	1164	12%
				Aspergillus/Penicillium	49	1140	12%
				Basidiospores	2	47	<1%
				Bipolaris/Drechslera	2	47	<1%
				Cercospora	1	23	<1%
				Cladosporium	303	7052	73%
				Hyphae Fragments	4	93	1%
				Miscellaneous/Unidentified	1	23	<1%
				Rusts/Smuts/Myxomycetes	1	23	<1%
				Total:	415	9658	
				Background Debris (1X to 5X):		1X	

IAQ REPORT

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

TDSHS License No. LAB1034

Client: Ensolum
Project (Line 1): McKamy Middle School
Project (Line 2):
Project No: 01A.1288.228
Identification: Fungi: Air Sample
Test Method: Nonviable - Standard Profile
Light Microscopy / Staining

Lab Job No.: IAQ-38210
Set No.: 54906
Report Date: 9/3/2024
Sample Date: 8/29/2024

On 8/29/2024, four (4) air samples were submitted by Mr. Tod McLellan of Ensolum for analysis by light microscopy/staining. The results are summarized below:

STANDARD DISCLAIMER

The air samples were analyzed in general accordance with the procedures outlined ASTM D7391 – 17 "Standard Test Method for Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy." The results of each sample relate only to the material tested and the results shall not be used by the client to claim product certification, approval, or endorsement by any agency of the State or Federal Government.

Specific questions concerning sample results shall be directed to the Laboratory Director.

Analyst: Juan Gutierrez

Laboratory Director: John R. Cates, P.G.

Approved Signatory:

Cates Laboratories, Inc. * 1339 Motor Circle * Dallas, TX 75207
Phone: (214) 920-5006 Fax: 1+(972) 767-0167 www.cateslab.com

TDLR License No. LAB1034

Client: **Ensolum**
Project (Line 1): **McKamy Middle School**
Project (Line 2):
Client Project No.: **01A.1288.228**
PO Number:
Identification: **Fungi: Air Sample**
Test Method: **Nonviable**
Light Microscopy / Staining

Lab Project No.: **IAQ-38210**
Set No.: **54906**
Report Date: **9/3/2024**
Sample Date: **8/29/2024**

On 8/29/2024, four (4) air samples were submitted by Mr. Tod McLellan of Ensolum for analysis by light microscopy/staining.

Volume (liters):	75				75				75			
CatesLab Sample No.:	CL1289282				CL1289283				CL1289284			
Client Field I.D.:	37715997				37715980				37716004			
Description/Location:	Room 2335				Room 2445				Outdoor Front			
Particle ID:	Raw ct.	AS	Spores/m³	%	Raw ct.	AS	Spores/m³	%	Raw ct.	AS	Spores/m³	%
Alternaria												
Amerospores					1	23	23	12%				
Ascospores	1	23	23	5%	2	23	47	25%	37	23	861	9%
Aspergillus/Penicillium	6	23	140	27%					27	23	628	7%
Basidiospores									4	23	93	1%
Bipolaris/Drechslera	2	23	47	9%	3	23	70	38%				
Cercospora									5	23	116	1%
Chaetomium												
Cladosporium	7	23	163	32%	1	23	23	12%	315	23	7331	79%
Curvularia	3	23	70	14%	1	23	23	12%	5	23	116	1%
Fusarium												
Hyphae Fragments	3	23	70	14%					2	23	47	1%
Memnoniella												
Miscellaneous/Unidentified									1	23	23	<1%
Rusts/Smuts/Myxomycetes									3	23	70	1%
Stachybotrys												
Ulocladium/Stemphylium												
Unidentified Conidia												
Concentration (Spores/m³)	22		512		8		186		399		9286	
Debris Rating	1X				1X				1X			
Analyst:	Juan Gutierrez				Juan Gutierrez				Juan Gutierrez			
Date Analyzed:	8/30/2024				8/30/2024				8/30/2024			

The air samples were analyzed in general accordance with the procedures outlined in ASTM D7391-17 "Standard Test Method for Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy." Entire trace analyzed. Results are reported as calculated. Percentages reported as <1% are greater than 0 and less than 0.5%. The results of each sample relate only to the material tested and the results shall not be used by the client to claim product certification, approval or endorsement by any agency of the State or Federal Government. AS = Analytical Sensitivity (spore/m³); Blank Lines = None Detected. * The Aspergillus/Penicilium-like category cannot be differentiated by non-viable sampling methods. Specific questions concerning sample results shall be directed to the Laboratory Director.

Laboratory Director: **John R. Cates, P.G.**

Approved Signatory:

Cates Laboratories, Inc. * 1339 Motor Circle * Dallas, TX 75207
Phone: (214) 920-5006 Fax: 1+(972) 767-0167 www.cateslab.com

TDLR License No. LAB1034

Client:	Ensolum	Lab Project No.:	IAQ-38210
Project (Line 1):	McKamy Middle School	Set No.:	54906
Project (Line 2):		Report Date:	9/3/2024
Client Project No.:	01A.1288.228	Sample Date:	8/29/2024
PO Number:			
Identification:	Fungi: Air Sample		
Test Method:	Nonviable Light Microscopy / Staining		

On 8/29/2024, four (4) air samples were submitted by Mr. Tod McLellan of Ensolum for analysis by light microscopy/staining.

Volume (liters):		75											
CatesLab Sample No.:		CL1289285											
Client Field I.D.:		37716009											
Description/Location:		Outdoor Back											
Particle ID:		**Raw ct.**	**AS**	**Spores/m³**	**%**	**Raw ct.**	**AS**	**Spores/m³**	**%**	**Raw ct.**	**AS**	**Spores/m³**	**%**
Alternaria		2	23	47	<1%								
Amerospores													
Ascospores		50	23	1164	12%								
Aspergillus/Penicillium		49	23	1140	12%								
Basidiospores		2	23	47	<1%								
Bipolaris/Drechslera		2	23	47	<1%								
Cercospora		1	23	23	<1%								
Chaetomium													
Cladosporium		303	23	7052	73%								
Curvularia													
Fusarium													
Hyphae Fragments		4	23	93	1%								
Memnoniella													
Miscellaneous/Unidentified		1	23	23	<1%								
Rusts/Smuts/Myxomycetes		1	23	23	<1%								
Stachybotrys													
Ulocladium/Stemphylium													
Unidentified Conidia													
Concentration (Spores/m³)		415		9658									
Debris Rating		1X											
Analyst:		Juan Gutierrez											
Date Analyzed:		8/30/2024											

The air samples were analyzed in general accordance with the procedures outlined in ASTM D7391-17 "Standard Test Method for Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy." Entire trace analyzed. Results are reported as calculated. Percentages reported as <1% are greater than 0 and less than 0.5%. The results of each sample relate only to the material tested and the results shall not be used by the client to claim product certification, approval or endorsement by any agency of the State or Federal Government. AS = Analytical Sensitivity (spore/m³); Blank Lines = None Detected. * The Aspergillus/Penicilium-like category cannot be differentiated by non-viable sampling methods. Specific questions concerning sample results shall be directed to the Laboratory Director.

Laboratory Director: **John R. Cates, P.G.**

Approved Signatory:

CATES LABORATORIES

CHAIN OF CUSTODY

CL Project No. IAQ38210
(Lab Only) (Set 54906)

Company: Envalon, LLC

Contact/Results to: Dbastien@Envalon.com Verbal ☐ Email ☑ Fax ☐ (check all that apply)

Email(s): [illegible]

Telephone No.: 682 235 1050 Fax No.:

Project Information

Project: McKamy Middle School Project No.: 01A1258233

Address: P.O. No.:

Turnaround (check one)

CLEARANCE (PCM) ☐ ASAP (SAME DAY) ☐ (IMMEDIATE) ☐ RUSH (1-DAY) ☐ 2-DAY ☑ ~~STANDARD (3-4 DAY)~~ ☑ 5-DAY ☐

Testing Services (check all that apply, use separate COC's for Asbestos & IAQ)

Asbestos

PLM-BULK
EPA 600/R-93/116 ☐
Point Count (400) ☐

PCM-AIR
NIOSH 7400 ☐
OSHA: TWA ☐

IAQ - Mold (Non-Viable)

AIR (spore trap) - Standard Profile (count/genus identification) ☑
AIR (spore trap) - Expanded Profile (w/insect parts/pollen/skin) ☐
BULK (tape lift, swab) - Standard Profile (genus identification) ☐

CatesLab No. Range (Lab Only): 1289282 - 1289285

Sample Date: 8/29/24

No. of Samples: _____ Positive Stop: Yes ☐ No ☐

Sample No.	Sample Description/Location	Volume (air only)
3771 5997	RM 2235	75L
3771 5980	RM 2445	1
3771 6004	Outdoor Front	1
3771 6009	Outdoor North	1

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	8/29/24 1000	[signature]	8/29/24 10:17

AF72017-10 - issued 04/26/2023 Walk-In ☑ Drop Box ☐ FedEx ☐ UPS ☐ Lonestar ☐ USPS ☐

APPENDIX B: DEFINITIONS AND LIMITATION

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.

11854901-ACO1138

ENSOLUM
8330 LBJ FWY STE 830
DALLAS TX 75243-1390

Mold Assessment Company

ENSOLUM, LLC
8330 LBJ FWY STE 830 DALLAS

DARREN G BOWDEN

License Number: ACO1138

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

License Expires: February 07, 2026

Brian E. Francis
Interim Executive Director

Rick Figueroa
Chair

Thomas F. Butler
Vice Chair

Gerald R. Callas, M.D., F.A.S.A.
Nora Castañeda
Sujeeth Dakshatam
Lori High, R.N., N.P., Retired
Gary F. Wesson, D.D.S., M.S.

Mold Analysis Laboratory

CATES LABORATORIES INC

1339 MOTOR CIR DALLAS

License Number: LAB1034

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

License Expires: February 08, 2025

Mike Arismendez, Jr.
Executive Director

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.

NOTE: Issuance of the wallet card is in a separate mailing.

10244807-MAC0321

ENSOLUM, LLC
SUITE 830
8330 LBJ FWY
DALLAS TX 75243-1166

4524009100006701O1

Mold Assessment Consultant

DARREN G BOWDEN

License Number: MAC0321

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

License Expires: February 15, 2026

Brian E. Francis
Interim Executive Director

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

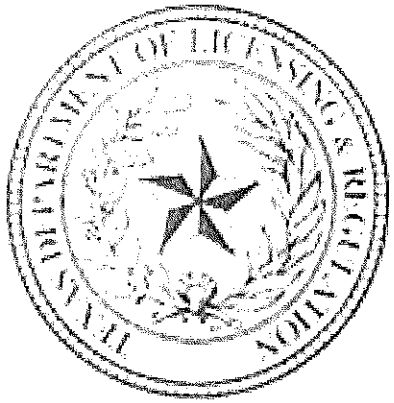
Certificate Expires 02/13/2025

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

Rick Fillmore
Chair

Thomas J. Button
Vice Chair



Mold Assessment Consultant

TOD L MCLELLAN

License Number MAC 1361

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

License Expires: April 02, 2026

Brian E. Francis
Interim Executive Director

GEBCO ASSOCIATES

certifies that

Tod L. McLellan

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

Mold Assessment Consultant Refresher

Conducted at Live, Online on March 26, 2024

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 03/26/2024

Certificate Number: 24044 4044

Exam Date: 03/26/2024

Certificate Expires 03/26/2026

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