DATE: December 14, 2018

TO: Kelly Roden, Principal

SUBJECT: Garden Ridge - IAQ - Air Test Results - Room 203

On Wednesday 12/12, Apex-Titan Air tested Room 203. 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 the outdoor levels. Data from the airborne fungi sampling indicated that the total indoor concentration of mold/fungi in Room 203, was **30.4%** of the outdoor levels. Utilizing this theory, the indoor concentrations are within the acceptable guidelines for areas with filtered air or air conditioning. If you have any questions, please call me.
Thanks,
Paul

Paul Siddall
Maintenance Energy Auditor (IAQ)
Facility Services
Lewisville ISD
340 Lake Haven Rd
Lewisville, TX 75057

December 17, 2018

Lewisville Independent School District
340 Lake Haven
Lewisville, Texas 75057
Attn: Mr. Paul Siddall

Re: Limited Mold Assessment
Garden Ridge Elementary School
Room 203
2220 South Garden Ridge Boulevard
Flower Mound, Texas 75028
LISD PO No. 91913794-00
Apex Project No. 725010727165

Introduction

Apex TITAN, Inc., a subsidiary of Apex Companies, LLC (APEX) conducted limited mold assessment activities for the Lewisville Independent School District (Lewisville I.S.D.) within Room 203 of Garden Ridge Elementary School located at 2220 South Garden Ridge Boulevard in Flower Mound, Texas (hereinafter referred to as the "Site"). The investigation was limited to areas of the Site identified by Lewisville I.S.D. as described below. The assessment was performed by Mr. David Davis, a State of Texas licensed Mold Assessment Consultant (Lic. No. MAC1335) on December 12, 2018. Apex's mold services definitions and limitations are included as an attachment to this report.

Regulatory Overview

The Texas Department of Licensing and Regulation (TDLR) regulates fungal assessment and remediation activities under the Texas Mold Assessment and Remediation Rules (TMARR). Effective January 1, 2005, the TMARR requires that fungal assessments be performed by a TDLR-licensed Mold Assessment Technician (MAT) or Mold Assessment Consultant (MAC) following specified minimum work practices and procedures. Bulk, surface and air samples collected during a fungal assessment must be analyzed by a TDLR-licensed mold analysis laboratory. Visible fungal growth that exceeds 25 contiguous square feet is considered a regulated quantity and must be remediated by a licensed Mold Remediation Contractor (MRC) in accordance with a site specific fungal remediation protocol prepared by a MAC.

Investigation Areas

Lewisville I.S.D. identified the following physical portions of the Site as the target investigation areas ("Investigation Areas") for mold assessment: readily accessible areas within Room 203, Apex's mold assessment services were limited to the Investigation Area(s) identified by Lewisville, I.S.D. Additional areas or portions of the Site were out-of-scope and not included in Apex's mold assessment or this report at this time.

Scope of Work

As established in Apex's Mold Assessment Proposal (No. P725010727190) dated December 11, 2018. Apex's scope-of-work was to provide visual and/or analytical mold assessment and related services in the Investigation Area which included:

Visual Reconnaissance: Apex performed a visual reconnaissance of the Investigation Areas for visible indications of moisture intrusion (as indicated by staining or visible moisture) and/or suspect mold growth. Apex's visual reconnaissance only included readily accessible or visible portions of the Investigation Areas.

Suspect Mold Growth Sampling and Analysis: Apex collected limited ambient air samples for nonviable mold spores utilizing Air-O-Cell cassettes. "Air-O-Cell" refers to slit impaction air sampling cassettes manufactured by Zefon Analytical Accessories, St. Petersburg, Florida.

Site Reconnaissance Observations/Findings and Recommendations

Apex's Mold Assessment Site reconnaissance was performed on December 12, 2018 by Mr. David Davis, CHMM, a TDLR-licensed MAC. Apex's visual reconnaissance of the Investigation areas revealed the following:

Visual Assessment

At the time of the assessment no visible mold growth (VMG), odors or excessive dust were noted within the Investigated Areas.

Temperature and Relative Humidity

Temperature and relative humidity readings collected from within the investigation areas on December 12, 2018 are presented in Table 1 below.

Relative humidity is a measure of the moisture content of air and is closely tied to the comfort of the office/workplace temperature. As with temperature, there are no regulations governing acceptable office/workplace humidity ranges. Humidity levels in the office/workplace are not only related to health effects, but also have operational impacts on modern office equipment.

Workplace environment temperatures have historically been considered a subjective factor because the perception of uncomfortable temperature levels is specific to each individual. There are no regulations governing acceptable office/workplace temperature ranges, but significant research has been conducted which indicates that there are temperature ranges that are not only comfortable but also result in optimum performance. ASHRAE (American Society of Heating, Refrigerating & Air Conditioning Engineers) has published guidelines describing thermal environmental conditions that at least 80% of the persons who occupy that environment will find acceptable or "comfortable."

TABLE 1
Temperature and Relative Humidity Readings
December 12, 2018

Applicable limits and guidelines	**Temperature (^{0}F)** **Winter: 68-74.5^{0}F Summer: 73-79^{0}F**	**Relative Humidity (%)** **Winter: 22-60% Summer: 30-60%**
Sample Location		
Room 203	67.3	34.3
Outside - East	61.2	42.3
Outside - West	60.6	47.1

Air Monitoring Results

Apex collected one (1) sample from the interior of the Investigation Area and two (2) reference samples from the exterior of the building. The microbial samples were analyzed by Moody Labs (Moody) in Farmers Branch, Texas; SMMS is a State of Texas licensed mold analysis laboratory and accredited under the AIHA Laboratory Quality Assurance Program for Environmental Microbiology.

Room 203

Air testing performed using spore traps indicated that total airborne mold spores within Room 203 were lower as compared to those measured outside of the building at the time the sampling was performed. The total fungal spore concentration within the class room was reported as 986 spores/m^3, while the exterior levels ranged from 2,347 spores/m^3 to 3,239 spores/m^3. Concentrations of Aspergillus / Penicillium were found to be slightly elevated at the time of the assessment. The concentration of Aspergillus / Penicillium within the class room was reported as 280 spores/m^3, while the exterior levels ranged from 227 spores/m^3 to 240 spores/m^3

The American Conference of Governmental Industrial Hygienists (ACGIH) sets forth assessment criteria related to the "indoor/outdoor" relationship where the indoor air quality should be at or below that of outdoor air quality with regard to fungal spores (see ACGIH Bioaerosols, Assessment and Controls publication, 1999).

Conclusions and Recommendations

Based on Apex's limited assessment and the analytical results collected, it appears that the indoor air quality, as it relates to airborne fungi was within recommended guidelines on the day of the assessment. However, due to the slightly elevated concentration of Aspergillus / Penicillium, Apex recommends that the room be cleaned and re-tested.

Limitations

Assessment findings and recommendations are subject to the following limitations:

1. This assessment was based on a limited assessment of conditions existing at the time of the site assessment and presumes that the conditions that caused the initial moisture incursion and resultant mold growth have been corrected as reported.

2. The samples collected are representative of the specific time and location where they were collected and may not be indicative of conditions throughout the entire structure. Results of the assessment should not be extrapolated to represent other areas in the building. Bioaerosol levels are highly variable from day-to-day with results depending on environmental factors such as occupancy, temperature, humidity, airflows, and sunlight levels.

3. The room was occupied at the time of the assessment therefore destructive exploration of duct work and sheetrock was not performed.

The recommendations and conclusions made in this report may change or need to be amended as new information is obtained, particularly as remediation or renovation processes occur and previously "hidden" or inaccessible areas (such as wall cavities and behind cabinetry) are exposed. The recommendations and conclusions contained within this report represent the best professional judgment of Apex based on the data collected at the time of the assessment as contained herein and this report should be reviewed in its entirety. Apex is not responsible for

the use of this information outside of its intended purpose. All occupant health inquiries should be referred to a physician knowledgeable in the health effects of environmental mold exposure.

This document is the rendering of a professional service, the essence of which is the advice, judgment, opinion, or professional skill. In the event that additional information becomes available that could affect the conclusions reached in this investigation, Apex reserves the right to review some or all of the opinions presented herein and change the resulting recommendations, if required.

This report has been prepared for the exclusive use of Lewisville I.S.D. No unauthorized reuse or reproduction of this report, in part or whole, shall be permitted without prior written consent. If you have any questions regarding this report or if we can assist you with any other matter, please contact the undersigned at (469) 365-1100.

Sincerely,
Apex TITAN, Inc.

Phillip G. Fronczek, CHMM
Texas Mold Assessment Consultant
Lic. No. MAC1246

Attachments: Analytical Results/Chain of Custody, Mold Services Definitions & Limitations, State Licenses

IAQ Mold Report

Summary

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

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 18F-15773
Report Date : 12/14/2018 10:00 AM
Sample Date: 12/12/2018
Spore Trap Type: Zefon - Air-O-Cell

On 12/12/2018, three (3) samples were submitted by Phillip Fronczek of Apex Titan, Inc. - Dallas (located at 12100 Ford. Rd., Suite 401, Farmers Branch, TX 75234) 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	Room 203	Hyphal / Spore Fragments - Dematiaceous	333	34%
			Aspergillus / Penicillium	280	28%
			Cladosporium	107	11%
			Myxomycete / Rust / Smut	67	7%
			Basidiospores	67	7%
			Curvularia	40	4%
			Hyphal / Spore Fragments - Hyaline	27	3%
			Coprinus group	13	1%
			Epicoccum	13	1%
			Drechslera / Bipolaris group	13	1%
			Ascospores	13	1%
			Alternaria	13	1%
			Total:	986	100%
2	75	Comparison, OS East	Basidiospores	1226	52%
			Cladosporium	267	11%
			Aspergillus / Penicillium	227	10%
			Ascospores	227	10%
			Hyphal / Spore Fragments - Hyaline	133	6%
			Hyphal / Spore Fragments - Dematiaceous	107	5%
			Myxomycete / Rust / Smut	53	2%
			Agaricales group	40	2%
			Coprinus group	27	1%
			Alternaria	27	1%
			Pithomyces	13	<1%
			Total:	2347	100%

IAQ Mold Report

Summary

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

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
3	75	Comparison, OS West	Basidiospores	1613	50%
			Cladosporium	840	26%
			Aspergillus / Penicillium	240	7%
			Ascospores	200	6%
			Hyphal / Spore Fragments - Hyaline	147	5%
			Agaricales group	53	2%
			Myxomycete / Rust / Smut	53	2%
			Hyphal / Spore Fragments - Dematiaceous	27	<1%
			Drechslera / Bipolaris group	27	<1%
			Torula	13	<1%
			Epicoccum	13	<1%
			Alternaria	13	<1%
			Total:	3239	100%

Analyst(s): Rebecca Lutz

Lab Manager : Heather Lopez — Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb — Approved Signatory : Bruce Crabb

Thank you for choosing Moody Labs

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 : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
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Sample Date: 12/12/2018
Spore Trap Type: Zefon - Air-O-Cell

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:	Room 203					Comparison, OS East					Comparison, OS West				
Media Expires On:	Nov 2019					Nov 2019					Nov 2019				
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	4	13	53	2%	50
Alternaria	1	13	13	1%	10	2	13	27	1%	30	1	13	13	<1%	10
Ascospores	1	13	13	1%	10	17	13	227	10%	230	15	13	200	6%	200
Aspergillus / Penicillium	21	13	280	28%	280	17	13	227	10%	230	18	13	240	7%	240
Basidiospores	5	13	67	7%	70	92	13	1226	52%	1200	121	13	1613	50%	1600
Chaetomium															
Cladosporium	8	13	107	11%	100	20	13	267	11%	270	63	13	840	26%	840
Coprinus group	1	13	13	1%	10	2	13	27	1%	30					
Curvularia	3	13	40	4%	40										
Drechslera / Bipolaris group	1	13	13	1%	10						2	13	27	<1%	30
Epicoccum	1	13	13	1%	10						1	13	13	<1%	10
Hyphal / Spore Fragments - Dematiace	25	13	333	34%	330	8	13	107	5%	100	2	13	27	<1%	30
Hyphal / Spore Fragments - Hyaline	2	13	27	3%	30	10	13	133	6%	130	11	13	147	5%	150
Memnoniella															
Myxomycete / Rust / Smut	5	13	67	7%	70	4	13	53	2%	50	4	13	53	2%	50
Pithomyces						1	13	13	<1%	10					
Stachybotrys															
Torula											1	13	13	<1%	10
TOTALS	74		986	100%	990	176		2347	100%	2300	243		3239	100%	3200
Analyst	Rebecca Lutz					Rebecca Lutz					Rebecca Lutz				
Analysis Date	12/13/2018					12/13/2018					12/13/2018				
Debris Rating	4					3					3				
Debris Composition															
Fibers	2/5					2/5					2/5				
Inorganic/Other	2/5					3/5					3/5				
Insect Parts	1/5					0/5					0/5				
Pollen	1/5					2/5					2/5				
Skin/Dander	4/5					1/5					1/5				

End of Data Detail section
18F-15773

IAQ Mold Report

Analytical Notes

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

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client :	Apex Titan, Inc. - Dallas	**Lab Job No. :**	18F-15773
Project :	Garden Ridge ES Room 203	**Report Date :**	12/14/2018 10:00 AM
Project # :	725010727166	**Sample Date :**	12/12/2018
Sample Type:	Spore Trap, Non-cultured	**Spore Trap Type:**	Zefon - Air-O-Cell
Test Method:	Mold: ASTM D7391-17e1 - Standard Profile		

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.

NOTE: No abnormalities or exceptions noted during analysis. All samples suitable for analysis.

NOTE: No discernable field blanks were included with this sample set.

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 : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166
Sample Type: Spore Trap, Non-cultured
Test Method: Mold: ASTM D7391-17e1 - Standard Profile

Lab Job No. : 18F-15773
Report Date : 12/14/2018 10:00 AM
Sample Date : 12/12/2018
Spore Trap Type: Zefon - Air-O-Cell

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.

End of Analytical Notes section
18F-15773

IAQ Mold Report

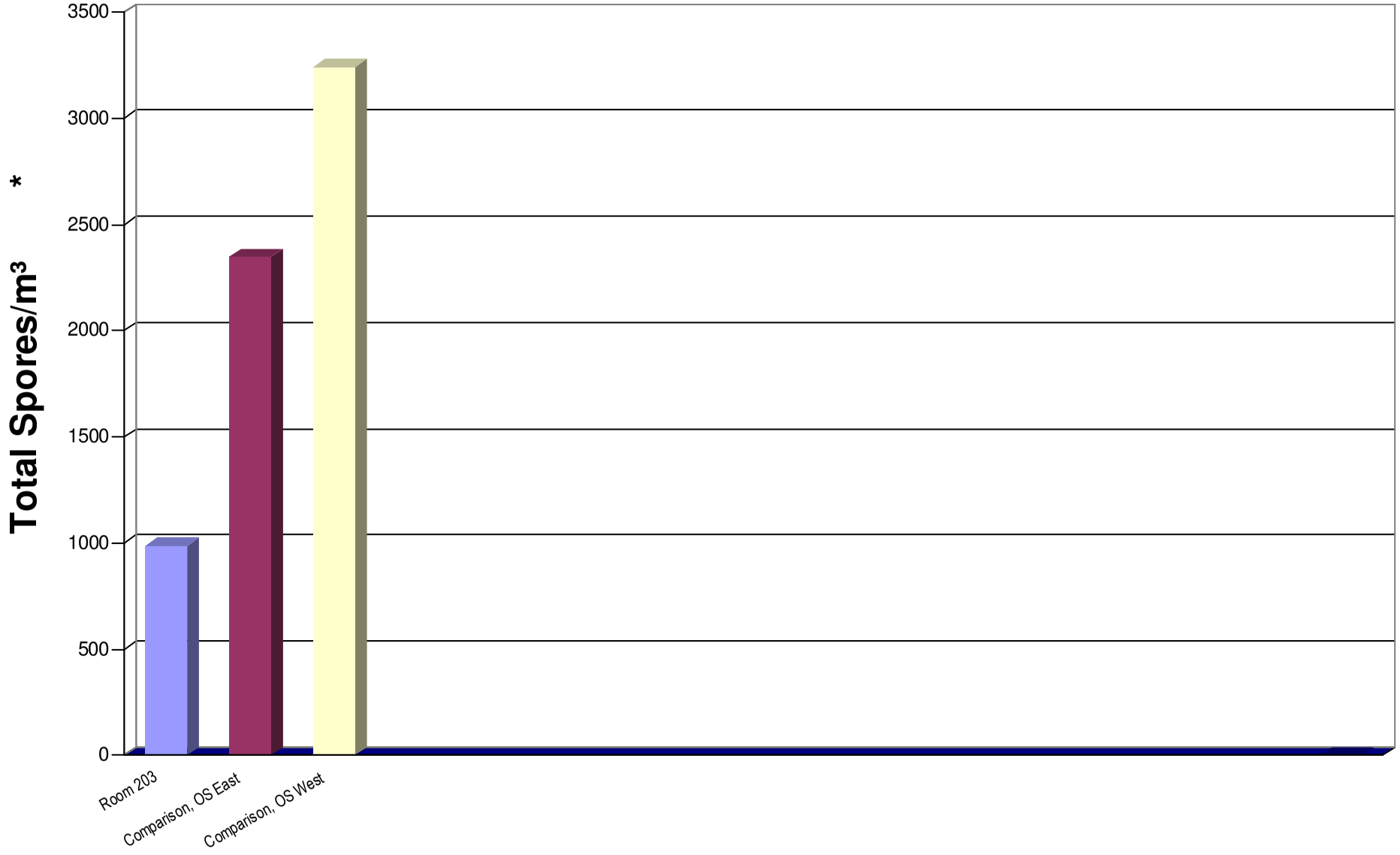
Supplemental Overview

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

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166

Lab Job No. 18F-15773
Report Date 12/14/2018 10:00 AM
Sample Date : 12/12/2018



IAQ Mold Report

Supplemental Overview

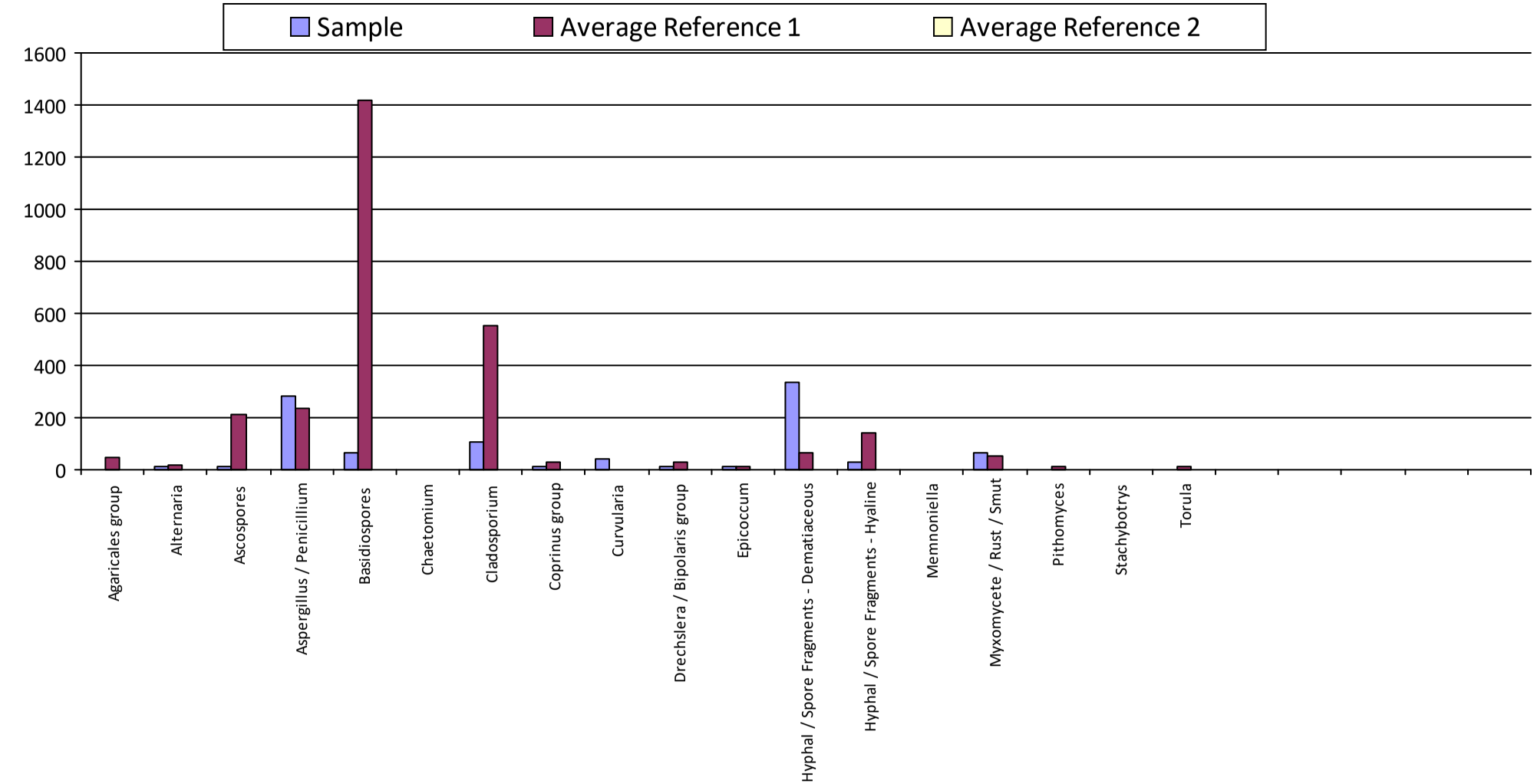
Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166

Lab Job No. 18F-15773
Report Date 12/14/2018 10:00 AM
Sample Date : 12/12/2018

Room 203



Average Reference 1 = Comparison, OS East, Comparison, OS West

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

IAQ Mold Report

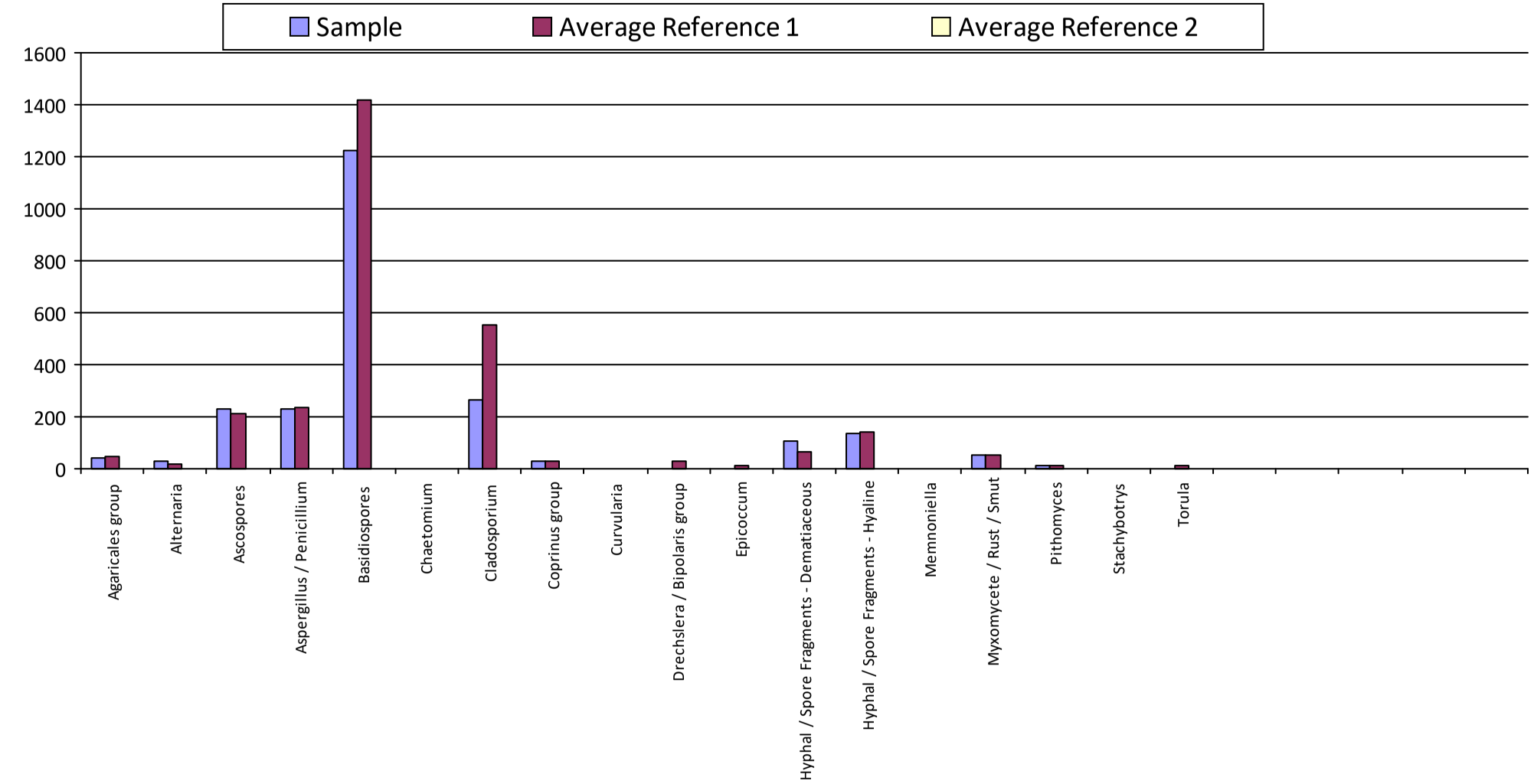
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166

Comparison, OS East

Lab Job No. 18F-15773
Report Date 12/14/2018 10:00 AM
Sample Date : 12/12/2018



Average Reference 1 = Comparison, OS East, Comparison, OS West

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

IAQ Mold Report

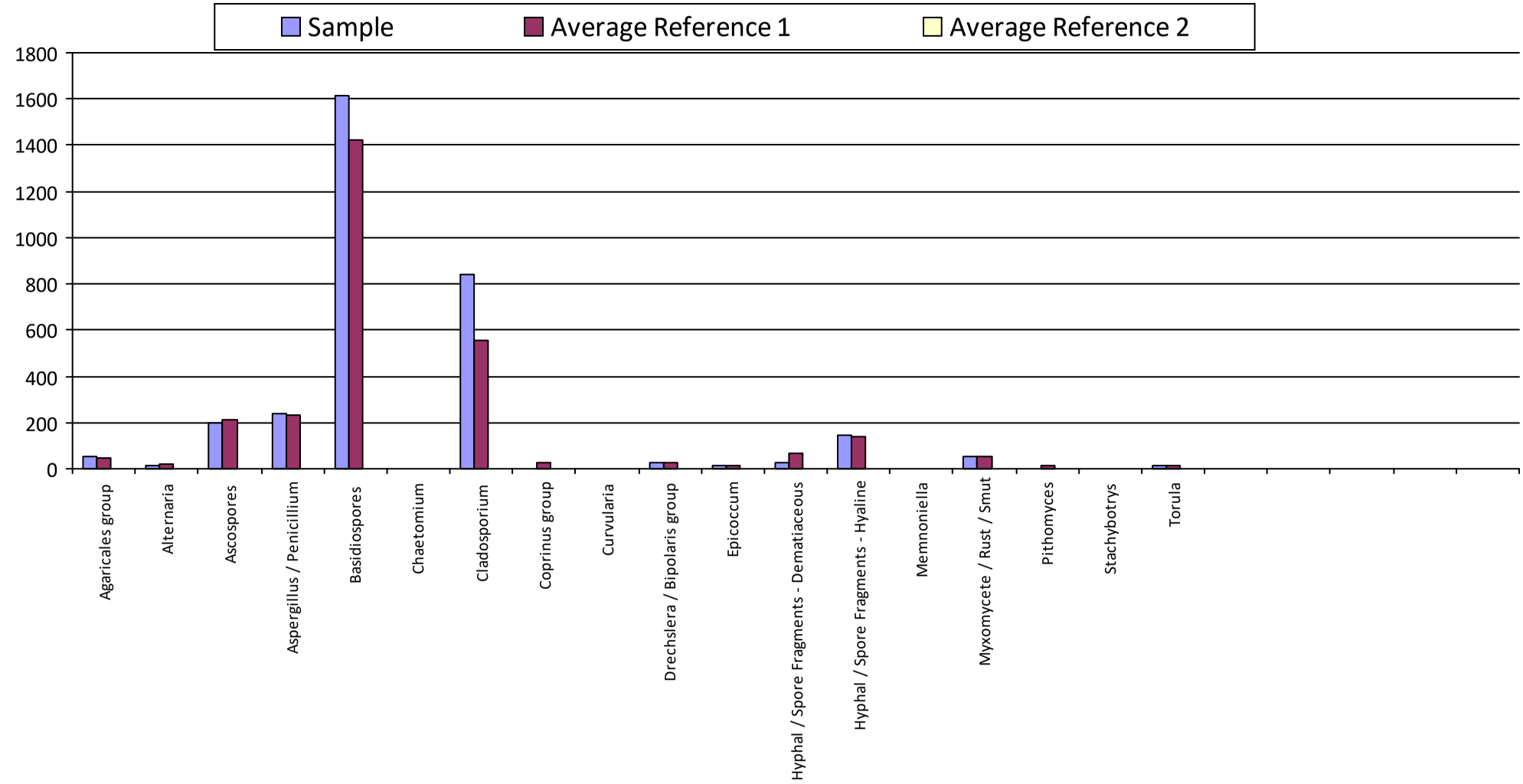
Supplemental Overview

TDLR License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex Titan, Inc. - Dallas
Project : Garden Ridge ES Room 203
Project # : 725010727166

Lab Job No. 18F-15773
Report Date 12/14/2018 10:00 AM
Sample Date : 12/12/2018

Comparison, OS West



Average Reference 1 = Comparison, OS East, Comparison, OS West

End of Supplemental Overview section
18F-15773

Moody Labs

Chain of Custody

Lab Job # 18F-15773
Lab Job # 3 Standard
Lab Job # Air-O-Cell

Please call in advance for immediate, after-hour, & weekend pricing & availability. Page 1 of 1

ASBESTOS PLM
Bulk ☐ Immediate ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 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
Culture** ☐ 10-14 days
Analyze Blanks ☐ **Yes** ☐ **No**
****Turnaround of Culture Samples subject to Culture Growth****

BACTERIA**
Colony Counts (CC) ☐ 3 day ☐ 5 day
CC + Gram Stain ☐ 3 day ☐ 5 day
Coliform & E. coli (P/A) ☐ 2-3 day
Legionella ☐ 14 days

OTHER: _____

Billing Company / City: Apex TITAN
Submitter's Company: Apex TITAN
Submitter's Name: Phillip Fronczek
Project: Garden Ridge ES Room 203
Contact Information: Name: Phillip Fronczek & Veronica Ewald
E-mail Results to: All
Invoice Address: _____

# of Samples: 3
Sample Date: 12/12/18
Project #: 7250107277166
Phone #: 409.656.7032
Mobile #: _____
Fax #: _____
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
1	Room 203	75L	Room 203
2	Comparison	↓	OS East
3	Comparison	↓	OS West

Released By:	Date / Time:	Received By:	Date / Time:
Monica Ewald	12/12/18 1159		12/12/18 11:59 AM
Released By:	Date / Time:	Received By:	Date / Time:

ATTACHMENT 2

MOLD SERVICES DEFINITIONS & LIMITATIONS/STANDARD OF CARE AND RELIANCE

Mold Services Definitions & Limitations

"Mold" defined. Mold is a general term used to describe various types of singled-celled naturally occurring biological organisms occurring worldwide. For purposes of this report the term "mold" is broadly defined to include any living or dead fungi or related products or parts, including spores, hyphae, and mycotoxins.

Limited Scope of Mold Assessment. The scope of Apex's mold assessment services as reflected in the Proposal and this report are limited in that (i) they were physically limited to certain portions of the building structure (e.g., the Client identified Investigation Areas); and (ii) limited by accessibility to building materials or components within the Investigation Area(s). In contrast to a Limited Assessment" is a comprehensive assessment, which involves destructive sampling methods and the scope of the assessment typically extending to the entire building structure.

Time sensitive. 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 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 aeroallergens. Because no limit values presently exist, Apex 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 from a limited mold assessment are limited because of the nature of the information obtained (e.g., 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). Apex cannot warrant the accuracy of prior or subsequent information/data, reports and services performed by other firms at the Site. Apex assumes no responsibility or liability for errors in information or data provided by or through the client or third party sources. Apex's services are not to be construed as legal or medical interpretation or advice.

Moisture Intrusion Limitation. Apex performs mold assessment services and is not a moisture intrusion, HVAC, roofing, plumbing or building envelope specialist. However, during the course of conducting its mold assessment services, Apex will report observed areas of apparent moisture intrusion. Apex does not and will not investigate the cause or causes of such observed moisture intrusion. In the event apparent moisture intrusion is observed, Apex 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.

Standard of Care
Apex performed its 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, expressed or implied, apply to the Services hereunder or this report.

Reliance
Apex's proposal for this project, services and this report have been prepared on behalf of and for the exclusive use of Lewisville Independent School District solely for their use and reliance in assessing the presence of mold in the Investigation Areas of the site. Lewisville Independent School District is the only party to which Apex 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, Apex 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 the proposal, the Services or this report shall be limited in the aggregate to all relying parties to the fair market value of the Services provided by Apex.

ATTACHMENT 3

STATE LICENSES

Mold Assessment Company

APEX TITAN INC

License Number: ACO1061

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

License Expires: April 16, 2020

Brian E. Francis
Executive Director

Mike Arismendez
Chair

Thomas F. Butler
Vice Chair

Gerald R. Callas, M.D., F.A.S.A.
Helen Callier
Rick Figueroa
Gary F. Wesson, D.D.S., M.S.
Deborah A. Yurco

Mold Assessment Consultant

PHILLIP G FRONCZEK

License Number: MAC1246

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

License Expires: October 28, 2020

Brian E. Francis
Executive Director

Mike Arismendez
Chair

Thomas F. Butler
Vice Chair

Gerald R. Callas, M.D.
Helen Callier
Rick Figueroa
Gary F. Wesson, D.D.S., M.S.
Deborah A. Yurco

Mold Analysis Laboratory

STEVE MOODY MICRO SERVICES LLC

License Number: LAB0117

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

License Expires: March 01, 2020

Brian E. Francis
Executive Director

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Steve Moody Micro Services, LLC

2051 Valley View Lane, Farmers Branch, TX 75234

Laboratory ID: 102577

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

☐	**INDUSTRIAL HYGIENE**	Accreditation Expires:
☐	**ENVIRONMENTAL LEAD**	Accreditation Expires:
✓	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: September 01, 2019
☐	**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 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

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

Revision 15: 03/30/2016

Date Issued: 08/31/2017

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

Steve Moody Micro Services, LLC
2051 Valley View Lane, Farmers Branch, TX 75234

Laboratory ID: **102577**
Issue Date: 08/31/2017

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 06/01/2003

EMLAP Category	Field of Testing (FoT)	Method	Method Description *(for internal methods only)*
Fungal	Air - Culturable	SOP Q-00039	In House: Determination of Fungal Concentrations in Airborne Samples Utilizing Brightfield Microscopy (cultured)
	Bulk - Culturable	SOP Q-00040	In House: Determination of Fungal Concentration in Bulk and Surface Samples Utilizing Brightfield Microscopy (cultured)
	Surface - Culturable	SOP Q00040	In House: Determination of Fungal Concentrations in Bulk and Surface Samples Utilizing Brightfield Microscopy (cultured)
	Air - Direct Examination	SOP Q-00037	ASTM D7391-09 (Modified): Determination of Fungal Concentrations in Airborne Samples Utilizing Brightfield Microscopy (noncultured)
	Bulk - Direct Examination	SOP Q-00038	In House: Determination of Fungal Particulates in Bulk and Surface Samples Utilizing Brightfield Microscopy (noncultured)
	Surface - Direct Examination	SOP Q-00038	In House: Determination of Fungal Particulates in Bulk and Surface Samples Utilizing Brightfield Microscopy (noncultured)

A complete listing of currently accredited Environmental Microbiology laboratories is available on the AIHA-LAP, LLC website at: http://www.aihaaccreditedlabs.org