REAL INNOVATION
LIMITLESS OPPORTUNITY
LEWISVILLE INDEPENDENT SCHOOL DISTRICT

DATE: May 13, 2014

TO: Patricia Cuckler, Principal

SUBJECT: Hedrick ES - IAQ - Air Test Results - Room 206

On Wednesday 5/7, SWG Air tested the Room 206. It is typically assumed that indoor spore levels in an area with filtered or air conditioned air, and activity levels associated with schools average 10% to 40% of the outdoor levels. Data from the airborne fungi sampling indicated that the total indoor concentration of mold/fungi in the Room 206, was **29.6%** of the outdoor levels. Utilizing this theory, the indoor concentrations are within the acceptable guidelines for areas with filtered air or air conditioning. **Even though the full count is within the 40%, there were 2 spores of Stachybotrys & 2 spores of Chaetomium. I am requesting Custodial to Shampoo the carpet and we will retest.** If you have any questions, please call me.
Thanks,
Paul

Paul Siddall
Maintenance Energy Auditor (IAQ)
Facility Services
Lewisville ISD
469-446-8882

REAL INNOVATION
LIMITLESS OPPORTUNITY
LEWISVILLE INDEPENDENT SCHOOL DISTRICT

DATE: May 6, 2014

TO: Patricia Cuckler, Principal

SUBJECT: Hedrick ES - IAQ - Initial Contact - Room 206

Yesterday 5/5, I received your E-mail: *"I have a parent request to check the air quality in room 206. Previously in the year the room had a substantial roof leak."* I set up Work Order: #185519. This morning 5/6, I inspected Room 206. No noticeable water intrusions. I am putting in a P.O. request to Air Test Room 206. This should be done by the end of this week. If you have any questions, please contact me.
Thanks,
Paul

Paul Siddall
Maintenance Energy Auditor (IAQ)
Facility Services
Lewisville ISD
469-446-8882

May 9, 2014

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

Re: Limited Mold Assessment Services
Hedrick Elementary School
Room 206
1532 Bellaire Boulevard
Lewisville, Texas
Project No. 7210114H119
LISD PO# 91402088-00

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 Hedrick Elementary School located at 1532 Bellaire Boulevard in Lewisville, 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. Darren G. Bowden, a State of Texas licensed Mold Assessment Consultant (Lic. No. MAC0321) on May 7, 2014. Apex's mold services definitions and limitations are included as an attachment to this report.

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 206. 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 set forth in Apex's Mold Assessment Proposal (No. P0114H1184) dated May 6, 2014. Apex's scope-of-work was to provide visual and/or analytical mold assessment and related services in the Investigation Areas 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' Mold Assessment Site reconnaissance was performed on May 7, 2014 by Mr. Darren G. Bowden. Apex's visual reconnaissance of the Investigation areas revealed the following:

Temperature and Relative Humidity

Temperature readings collected inside the room was reported as 77.4 degrees Fahrenheit while relative humidity was reported as 31.5 percent. Temperature readings collected outside the building ranged from 80.6 to 82.1 degrees Fahrenheit while outside relative humidity ranged from 56.2 to 57.4 percent.

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/office 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 I below explains the applicable limits and guidelines.

Table I
Acceptable Ranges Of Temperature And Humidity

Relative Humidity	Winter Temperatures	Summer Temperatures
30%	68.5 to 76°F	74 to 80°F
40%	68.5 to 75.5°F	73 to 79.5°F
50%	68.5 to 74.5°F	73 to 79°F
60%	68 to 74°F	72.5 to 78°F

Apex utilized a Protimeter Moisture Measurement System (MMS) instrument (Model No. BLD2000) to measure and diagnose dampness in the drywall within random areas. The MMS is a battery powered handheld unit that is equipped with hydrostick probes to measure moisture content in wood, drywall and other and non-conductive materials. The device measures electrical conductivity of building materials and compares the conductivity readings to an internal, electronic standard reading for normal or "dry" materials.

Moisture content readings were obtained by pushing the moisture probe pins into surfaces. The measured values were then displayed on a colored scale depicting if the materials measured were normal (dry), higher than normal but not critical (at risk) or contained excessive moisture levels (wet). Based on the manufacturer's guidelines, the instrument measurement values are described below:

< 5%	Out of Range
> 5% but < 16%	Normal
> 17% but < 20%	Higher than Normal but Not Critical
> 20%	Excessive Moisture Levels

Moisture meter readings taken from the walls within the rooms were ranged from 6 to 8% which is considered normal by the manufacturer.

Air Monitoring Results

Apex collected one (1) sample from the interior of the investigation area and two (2) samples from the exterior of the building. The microbial samples were analyzed by Steve Moody Micro Services, Inc. (SMMS) 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.

Air testing performed using spore traps indicated that total airborne mold spores in the classrooms 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 investigation area was reported as 2,453 counts/m^3, while exterior levels ranged from 6,346 to 8,278 counts/m^3.

Six (6) types of mold were identified at a higher concentration within the investigation area as compared to the sample collected from the exterior of the building. Air sample(s) collected within room 206 reported Alternia as 87 counts/m^3 while exterior levels were reported as 67 counts/m^3. Agaricus/Agrocybe was reported as 20 counts/m^3, Curvularia was reported as 67 counts/m^3, Chaetomium was reported as 13 counts/m^3, Drechslera/Biopolaris Group was reported as 13 counts/m^3 and Stachybotrys was reported as 13 counts/m^3 while no exterior levels where reported.

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

Suspect Mold

No visible mold was observed during the assessment. No odors or excessive dust were noted.

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. Apex recommends that the areas be cleaned and further testing be performed.

If you have any questions regarding this report or if we can assist you with any other matter, please contact the undersigned at (214) 350-5469.

Sincerely,
Apex TITAN, Inc.

Darren G. Bowden
Senior Program Manager
Industrial Hygiene Services
Texas Mold Assessment Consultant
Lic. No. MAC0321

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

ATTACHMENT 1

Analytical Results/Chain of Custody

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. 14F-05560
Project : Hedrick ES Room 206
Report Date 05/09/2014 9:24 AM
Project # : 7210114H119 **Sample Date :** 05/07/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile

On 5/7/2014, three (3) samples were submitted by Darren Bowden of Apex TITAN, Inc. - Dallas, TX (located at 2351 W. NW Highway #3321, 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	150	Rm 206 * See Analytical Notes report for further details	Cladosporium	834	34%
			Aspergillus / Penicillium	680	28%
			Basidiospores	340	14%
			Hyphal / Spore Fragments	300	12%
			Alternaria	87	4%
			Curvularia	67	3%
			Myxomycete / Periconia / Rust / Smut	53	2%
			Ascospores	33	1%
			Agaricus / Agrocybe	20	<1%
			Stachybotrys	13	<1%
			Drechslera / Bipolaris group	13	<1%
			Chaetomium	13	<1%
			Total:	2453	100%
2	75	Outside * See Analytical Notes report for further details	Basidiospores	2333	37%
			Cladosporium	1760	28%
			Aspergillus / Penicillium	1146	18%
			Hyphal / Spore Fragments	720	11%
			Ascospores	173	3%
			Myxomycete / Periconia / Rust / Smut	107	2%
			Fusarium	53	<1%
			Pithomyces	27	<1%
			Epicoccum	27	<1%
			Total:	6346	100%

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. 14F-05560
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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
3	75	Outside * See Analytical Notes report for further details	Cladosporium	3013	36%
			Basidiospores	2679	32%
			Aspergillus / Penicillium	1266	15%
			Ascospores	587	7%
			Hyphal / Spore Fragments	440	5%
			Myxomycete / Periconia / Rust / Smut	173	2%
			Alternaria	67	<1%
			Epicoccum	27	<1%
			Cercospora / Pseudocercospora	13	<1%
			Fusarium	13	<1%
			Total:	8278	100%

Analyst(s): Rob Greene

Lab Director: Bruce Crabb

Approved Signatory : Bruce Crabb

Thank you for choosing Steve Moody Micro Services

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Data Detail

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. : 14F-05560
Project : Hedrick ES Room 206
Report Date : 05/09/2014 9:24 AM
Project # : 7210114H119 **Sample Date :** 05/07/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - 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.

Sample ID:	**1**			**2**			**3**					
Location:	Rm 206			Outside			Outside					
Debris Rating:	5			4			4					
Media Expires On:	Feb 2015			Feb 2015			Feb 2015					
Notes Included?:	See Analytical Notes			See Analytical Notes			See Analytical Notes					
Volume:	150			75			75					
	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³			
Agaricus / Agrocybe	3	6.67	20 (<1%)									
Alternaria	13	6.67	87 (4%)				5	13.33	67 (<1%)			
Ascospores	5	6.67	33 (1%)	13	13.33	173 (3%)	44	13.33	587 (7%)			
Aspergillus / Penicillium	102	6.67	680 (28%)	86	13.33	1146 (18%)	95	13.33	1266 (15%)			
Basidiospores	51	6.67	340 (14%)	175	13.33	2333 (37%)	201	13.33	2679 (32%)			
Cercospora / Pseudocercospora							1	13.33	13 (<1%)			
Chaetomium	2	6.67	13 (<1%)									
Cladosporium	125	6.67	834 (34%)	132	13.33	1760 (28%)	226	13.33	3013 (36%)			
Coprinus group												
Curvularia	10	6.67	67 (3%)									
Drechslera / Bipolaris group	2	6.67	13 (<1%)									
Epicoccum				2	13.33	27 (<1%)	2	13.33	27 (<1%)			
Fusarium				4	13.33	53 (<1%)	1	13.33	13 (<1%)			
Hyphal / Spore Fragments	45	6.67	300 (12%)	54	13.33	720 (11%)	33	13.33	440 (5%)			
Memnoniella												
Myxomycete / Periconia / Rust / Smut	8	6.67	53 (2%)	8	13.33	107 (2%)	13	13.33	173 (2%)			
Pithomyces				2	13.33	27 (<1%)						
Stachybotrys	2	6.67	13 (<1%)									
TOTALS	368		2453 (100%)	476		6346 (100%)	621		8278 (100%)			
Analyst	Rob Greene			Rob Greene			Rob Greene					
Analysis Date	5/9/2014			5/9/2014			5/9/2014					

Debris Rating Key:

0 - No debris detected.
1 - Trace debris.
2 - Light debris.
3 - Moderate debris.
4 - Substantial debris.
5 - Extensive debris.
6 - Field blank.

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

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. : 14F-05560
Project : Hedrick ES Room 206
Report Date : 05/09/2014 9:24 AM
Project # : 7210114H119 **Sample Date :** 05/07/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - 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.

Samples Analyzed

Sample No: 1 : Rm 206

Notes: 75% Occluded.

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 5/5
Inorganic/Other: 4/5
Insect Parts: 0/5
Fibers: 4/5
Pollen: 0/5

Sample No: 2 : Outside

Notes:

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 0/5
Inorganic/Other: 5/5
Insect Parts: 0/5
Fibers: 1/5
Pollen: 0/5

Sample No: 3 : Outside

Notes:

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 0/5
Inorganic/Other: 5/5
Insect Parts: 0/5
Fibers: 1/5
Pollen: 1/5

Field Blanks

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

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX **Lab Job No. :** 14F-05560
Project : Hedrick ES Room 206 **Report Date :** 05/09/2014 9:24 AM
Project # : 7210114H119 **Sample Date :** 05/07/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - 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.

Methods

Method: ASTM D7391-09: Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy.

Calculation: Spores/cubic meter = (Raw spore count)*(MDL)

Note: MDL (Minimum Detection Limit) is calculated based upon 1 raw spore count.

Steve Moody Micro Services recommends two significant figures for calculated values based on ASTM D7391-09.

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.

AIHA LAP, LLC
ACCREDITED LABORATORY
ENVIRONMENTAL MICROBIOLOGY
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 102577

HUB
Statewide Historically Underutilized Business Program

TEXAS Department of State Health Services
License # LAB0117

Certified WBENC Women's Business Enterprise

IAQ Mold Report

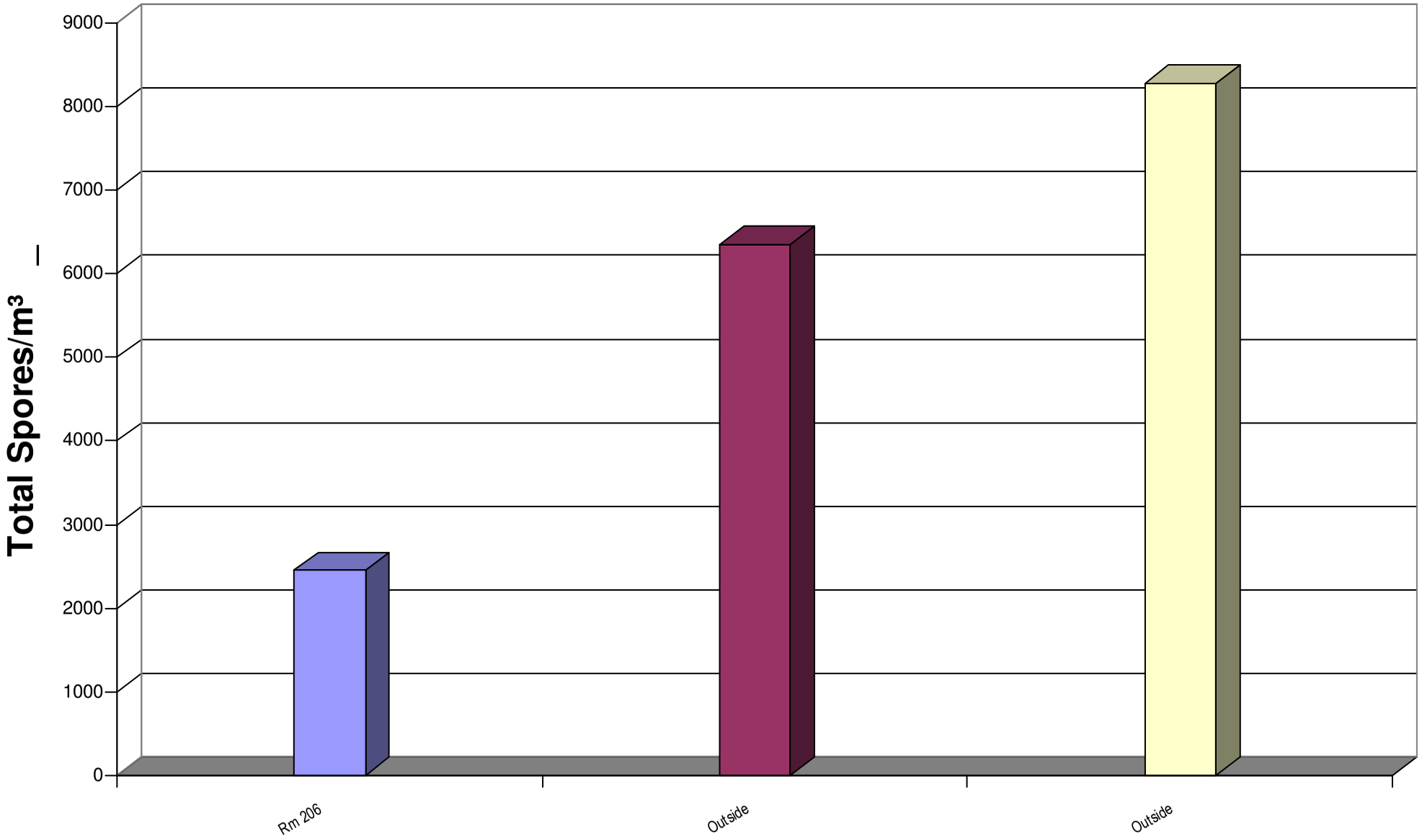
Supplemental Overview

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Project : Hedrick ES Room 206
Project # : 7210114H119

Lab Job No. 14F-05560
Report Date 05/09/2014 9:24 AM
Sample Date : 05/07/2014



SMMS LABS

Chain of Custody

Lab Job # 14F-0505100 AOC:3
Lab Job # _____
Lab Job # _____

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

TOTAL DUST (0500/0600)
☐ 1 day ☐ 2 day

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

MOLD
Direct Exam ☐ Immediate ☐ 1 day ☐ 2 day
Standard Air ☐ Immediate ☐ 1 day ☐ 2 day
Expanded Air ☐ Immediate ☐ 1 day ☐ 2 day
Culture** ☐ 10-14 days
Analyze Blanks ☐ Yes ☐ No

Turnaround of Culture Samples subject to Culture Growth

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

OTHER: _____

Billing Company / City: Apex Titan
Submitter's Company: 11 11
Submitter's Name: D. B.
Project: ~~Heritage~~ Hedrick ES Room 206
Contact Information: Name: D. B
E-mail Results to: _____
Invoice Address: _____

# of Samples: 3
Sample Date: 5/7/14
Project #: 7210141119
Phone #: _____
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	Rm 206	150	
2	outside	75	
3	outside	75	

Released By:	Date / Time:	Received By:	Date / Time:
Released By:	Date / Time:	Received By:	Date / Time:

5/7/14 12:36pm

Steve Moody Micro Services, LLC ♦ *2051 Valley View Ln.* ♦ *Farmers Branch, TX 75234* ♦ *Phone (972) 241-8460* ♦ *Fax (972) 241-8461*
www.moodylabs.com

ATTACHMENT 2

Mold Services Definitions & Limitations/Standard of Care and Reliance

APEX

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 (and the Texas Mold Assessment & Remediation Rules), 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 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 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.

Texas Licensing Requirements. Apex (and/or its personnel) will render the services set forth in this proposal in the capacity of a Texas licensed Mold Assessor. Apex is not licensed as a Mold Remediation Contractor and does not perform mold remediation. As of January 1, 2005, Texas law has required that Mold Assessors and Mold Remediation Contractors be licensed.

Mold Remediation Certificate. 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 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 Apex's issuance of a Mold Remediation Certificate 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 the Investigation Area or the Site. In the event that Apex is engaged to render services in connection with a mold remediation project, Apex will require *Client to provide to Apex a signed certificate prepared by Client's moisture intrusion specialist or appropriate contractor stating that all sources of moisture which resulted in the presence of mold in the Investigation Area have been fully remediated and corrected.*

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.

DATE: August 4, 2014

TO: Patricia Cuckler, Principal

SUBJECT: Hedrick ES - IAQ - Initial Contact - Room 206

This morning, I received the following E-mail from you: *"Can we get a air quality check for room # 206 as soon as possible. The new teacher reports the room smells of mold."*
At 8:40 AM, I inspected Room 206 and found no water intrusions. This morning, I also submitted P.O. request to Air Test Room 206. Apex Titan should be able to Air test Room 206 by Wednesday 8/6 and we should have the results by Friday 8/8.
If you have any questions, please contact me.
Thanks,
Paul

Paul Siddall
Maintenance Energy Auditor (IAQ)
Facility Services
Lewisville ISD
469-446-8882

DATE: August 15, 2014

TO: Patricia Cuckler, Principal

SUBJECT: Hedrick ES - IAQ - Air Test results - Room 206

Patricia...
On Thursday 8/7, Apex-Titan Air tested Room 206. It is typically assumed that indoor spore levels in an area with filtered or air conditioned air, and activity levels associated with schools average 10% to 40% of the outdoor levels. Data from the airborne fungi sampling indicated that the total indoor concentration of mold/fungi in Room 206, was **2.9%** of the outdoor levels. Utilizing this theory, the indoor concentrations are within the acceptable guidelines for areas with filtered air or air conditioning. **In that 2.9% were 4 spores of Stachybotrys. I am requesting Custodial to Shampoo the carpet today, and have the Air Conditioning on. We will retest next week.** If you have any questions, please call me.
Thanks,
Paul

Paul Siddall
Maintenance Energy Auditor (IAQ)
Facility Services
Lewisville ISD
469-446-8882

August 12, 2014

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

Re: Limited Mold Assessment Services
Hedrick Elementary School
Room 206
1532 Bellaire Boulevard
Lewisville, Texas
Project No. 7210114H119A
LISD PO# 91408107-00

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 Hedrick Elementary School located at 1532 Bellaire Boulevard in Lewisville, 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. Darren G. Bowden, a State of Texas licensed Mold Assessment Consultant (Lic. No. MAC0321) on August 7, 2014. Apex's mold services definitions and limitations are included as an attachment to this report.

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 206. 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 set forth in Apex's Mold Assessment Proposal (No. P0114H301) dated August 5, 2014. Apex's scope-of-work was to provide visual and/or analytical mold assessment and related services in the Investigation Areas 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' Mold Assessment Site reconnaissance was performed on August 7, 2014 by Mr. Darren G. Bowden. Apex's visual reconnaissance of the Investigation areas revealed the following:

Temperature and Relative Humidity

Temperature readings collected inside the room was reported as 83.4 degrees Fahrenheit while relative humidity was reported as 41.2 percent. Temperature readings collected outside the building reported as 101 degrees Fahrenheit while outside relative humidity was reported as 40 percent.

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/office 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 I below explains the applicable limits and guidelines.

Table I
Acceptable Ranges Of Temperature And Humidity

Relative Humidity	Winter Temperatures	Summer Temperatures
30%	68.5 to 76°F	74 to 80°F
40%	68.5 to 75.5°F	73 to 79.5°F
50%	68.5 to 74.5°F	73 to 79°F
60%	68 to 74°F	72.5 to 78°F

Apex utilized a Protimeter Moisture Measurement System (MMS) instrument (Model No. BLD2000) to measure and diagnose dampness in the drywall within random areas. The MMS is a battery powered handheld unit that is equipped with hydrostick probes to measure moisture content in wood, drywall and other and non-conductive materials. The device measures electrical conductivity of building materials and compares the conductivity readings to an internal, electronic standard reading for normal or "dry" materials.

Moisture content readings were obtained by pushing the moisture probe pins into surfaces. The measured values were then displayed on a colored scale depicting if the materials measured were normal (dry), higher than normal but not critical (at risk) or contained excessive moisture levels (wet). Based on the manufacturer's guidelines, the instrument measurement values are described below:

< 5%	Out of Range
> 5% but < 16%	Normal
> 17% but < 20%	Higher than Normal but Not Critical
> 20%	Excessive Moisture Levels

Moisture meter readings taken from the walls within the room was <12% which is considered normal by the manufacturer.

Air Monitoring Results

Apex collected one (1) sample from the interior of the investigation area and two (2) samples from the exterior of the building. The microbial samples were analyzed by Steve Moody Micro Services, Inc. (SMMS) 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.

Air testing performed using spore traps indicated that total airborne mold spores in the classrooms 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 investigation area was reported as 1,320 counts/m^3, while exterior levels ranged from 40,241 to 45,884 counts/m^3.

Two (2) types of mold were identified at a higher concentration within the investigation area as compared to the sample collected from the exterior of the building. Air sample(s) collected within room 206 reported Stachybotrys as 27 counts/m^3 and Ganoderma as 13 counts/m^3 while no exterior levels where reported.

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). Due to the levels of Stachybotrys compared to the building exterior, Apex considers the airborne mold concentration to be elevated.

Suspect Mold

No visible mold was observed during the assessment. No odors or excessive dust were noted.

Conclusions and Recommendations

Apex recommends that the areas be cleaned and further testing be performed.

If you have any questions regarding this report or if we can assist you with any other matter, please contact the undersigned at (214) 350-5469.

Sincerely,
Apex TITAN, Inc.

Darren G. Bowden
Senior Program Manager
Industrial Hygiene Services
Texas Mold Assessment Consultant
Lic. No. MAC0321

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

ATTACHMENT 1

Analytical Results/Chain of Custody

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX **Lab Job No.** 14F-09833 (version 3)
Project : Hedrick ES, Room 206 **Report Date** 08/21/2014 11:04 AM
Project # : 7210114H119A **Sample Date :** 08/07/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile

On 8/7/2014, three (3) samples were submitted by Darren Bowden of Apex TITAN, Inc. - Dallas, TX (located at 2351 W. NW Highway #3321, 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	150	Room 206 * See Analytical Notes report for further details	Basidiospores	480	36%
			Aspergillus / Penicillium	307	23%
			Hyphal / Spore Fragments	140	11%
			Myxomycete / Periconia / Rust / Smut	100	8%
			Cladosporium	87	7%
			Ascospores	73	6%
			Alternaria	33	2%
			Stachybotrys	27	2%
			Agaricus / Agrocybe	20	2%
			Epicoccum	20	2%
			Chaetomium	20	2%
			Ganoderma	13	<1%
			Total:	1320	100%

IAQ Mold Report

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2051 Valley View Lane
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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
2	75	Outside * See Analytical Notes report for further details	Basidiospores	15929	35%
			Cladosporium	15223	33%
			Aspergillus / Penicillium	8331	18%
			Myxomycete / Periconia / Rust / Smut	2000	4%
			Hyphal / Spore Fragments	1506	3%
			Ascospores	973	2%
			Fusarium	560	1%
			Curvularia	427	<1%
			Alternaria	307	<1%
			Agaricus / Agrocybe	187	<1%
			Nigrospora	147	<1%
			Epicoccum	107	<1%
			Cercospora / Pseudocercospora	80	<1%
			Chaetomium	67	<1%
			Drechslera / Bipolaris group	40	<1%
			Total:	45884	100%

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
3	75	Outside * See Analytical Notes report for further details	Basidiospores	13610	34%
			Cladosporium	13263	33%
			Aspergillus / Penicillium	8331	21%
			Myxomycete / Periconia / Rust / Smut	1306	3%
			Hyphal / Spore Fragments	1000	2%
			Fusarium	746	2%
			Alternaria	573	1%
			Agaricus / Agrocybe	333	<1%
			Nigrospora	280	<1%
			Ascospores	280	<1%
			Coprinus group	173	<1%
			Drechslera / Bipolaris group	173	<1%
			Cercospora / Pseudocercospora	120	<1%
			Curvularia	53	<1%
			Total:	40241	100%

Analyst(s): Rob Greene

Lab Manager : Heather Lopez Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb Approved Signatory : Bruce Crabb

Thank you for choosing Steve Moody Micro Services

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Data Detail

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX **Lab Job No. :** 14F-09833 (version 3)
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Sample ID:	**1**				**2**				**3**			
Location:	Room 206				Outside				Outside			
Media Expires On:	Feb 2015				Feb 2015				Feb 2015			
Notes Included?:	See Analytical Notes				See Analytical Notes				See Analytical Notes			
Volume:	150				75				75			
	raw ct.	MDL	spores/m³		raw ct.	MDL	spores/m³		raw ct.	MDL	spores/m³	
Agaricus / Agrocybe	3	6.67	20	2%	14	13.33	187	<1%	25	13.33	333	<1%
Alternaria	5	6.67	33	2%	23	13.33	307	<1%	43	13.33	573	1%
Ascospores	11	6.67	73	6%	73	13.33	973	2%	21	13.33	280	<1%
Aspergillus / Penicillium	46	6.67	307	23%	625	13.33	8331	18%	625	13.33	8331	21%
Basidiospores	72	6.67	480	36%	1195	13.33	15929	35%	1021	13.33	13610	34%
Cercospora / Pseudocercospora					6	13.33	80	<1%	9	13.33	120	<1%
Chaetomium	3	6.67	20	2%	5	13.33	67	<1%				
Cladosporium	13	6.67	87	7%	1142	13.33	15223	33%	995	13.33	13263	33%
Coprinus group									13	13.33	173	<1%
Curvularia					32	13.33	427	<1%	4	13.33	53	<1%
Drechslera / Bipolaris group					3	13.33	40	<1%	13	13.33	173	<1%
Epicoccum	3	6.67	20	2%	8	13.33	107	<1%				
Fusarium					42	13.33	560	1%	56	13.33	746	2%
Ganoderma	2	6.67	13	<1%								
Hyphal / Spore Fragments	21	6.67	140	11%	113	13.33	1506	3%	75	13.33	1000	2%
Memnoniella												
Myxomycete / Periconia / Rust / Smut	15	6.67	100	8%	150	13.33	2000	4%	98	13.33	1306	3%
Nigrospora					11	13.33	147	<1%	21	13.33	280	<1%
Stachybotrys	4	6.67	27	2%								
TOTALS	198		1320	100%	3442		45884	100%	3019		40241	100%
Analyst	Rob Greene				Rob Greene				Rob Greene			
Analysis Date	8/11/2014				8/11/2014				8/11/2014			
Debris Rating	5				5				5			
Debris Composition												

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

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Test Method: Mold: ASTM D7391-09 - 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.

Samples Analyzed

Sample No: 1 : Room 206

Notes: 60% Occluded.

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 4/5
Inorganic/Other: 5/5
Insect Parts: 1/5
Fibers: 4/5
Pollen: 1/5

Sample No: 2 : Outside

Notes: 55% Occluded.

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 0/5
Inorganic/Other: 5/5
Insect Parts: 0/5
Fibers: 2/5
Pollen: 2/5

Sample No: 3 : Outside

Notes: 55% Occluded.

EXPANDED DEBRIS DESCRIPTION
Skin/Dander: 1/5
Inorganic/Other: 5/5
Insect Parts: 0/5
Fibers: 2/5
Pollen: 2/5

Field Blanks

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

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

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Methods

Method: ASTM D7391-09: Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy.

Calculation: Spores/cubic meter = (Raw spore count)*(MDL)

Note: MDL (Minimum Detection Limit) is calculated based upon 1 raw spore count.

Steve Moody Micro Services recommends two significant figures for calculated values based on ASTM D7391-09.

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 debris detected.
1 - Trace debris.
2 - Light debris.
3 - Moderate debris.
4 - Substantial debris.
5 - Extensive debris.
6 - Field blank.
10 - Hold Sample

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

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX **Lab Job No. :** 14F-09833 (version 3)
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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.

AIHA LAP, LLC
ACCREDITED LABORATORY
ENVIRONMENTAL MICROBIOLOGY
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 102577

HUB
Statewide Historically Underutilized Business Program

TEXAS Department of State Health Services
License # LAB0117

Certified WBENC Women's Business Enterprise

IAQ Mold Report

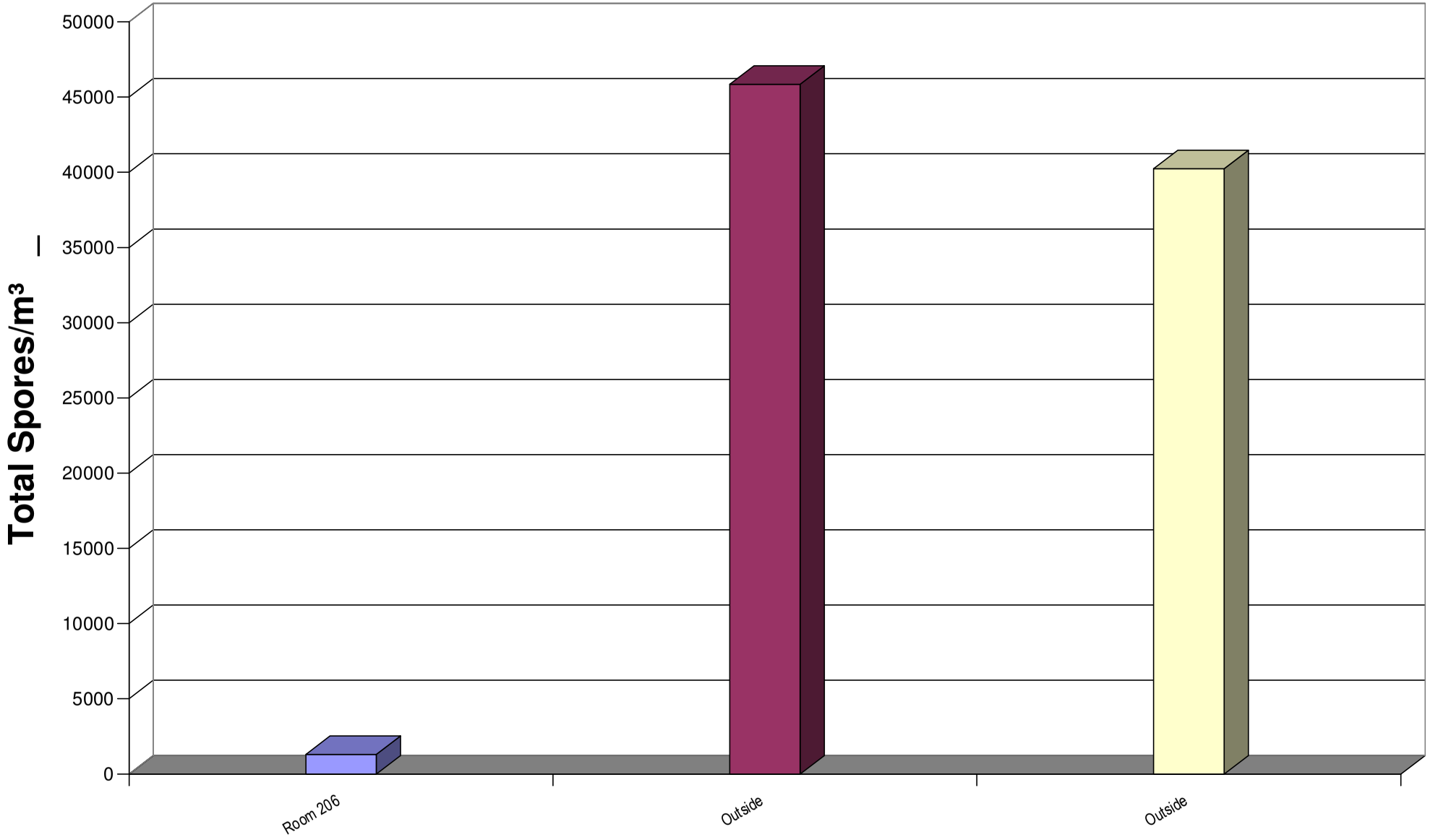
Supplemental Overview

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Project : Hedrick ES, Room 206
Project # : 7210114H119A

Lab Job No. 14F-09833 (version 3)
Report Date 08/21/2014 11:04 AM
Sample Date : 08/07/2014



SMMS LABS

Chain of Custody

Lab Job # 14F-09833 AOC 3
Lab Job #
Lab Job #

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

TOTAL DUST (0500/0600)
☐ 1 day ☐ 2 day

ASBESTOS TEM

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

MOLD

Direct Exam	☐ Immediate	☐ 1 day	☐ 2 day
Standard Air	☐ Immediate	☐ 1 day	☐ 2 day
Expanded Air	☐ Immediate	☐ 1 day	☐ 2 day
Culture**	☐ 10-14 days		
Analyze Blanks	☐ **Yes**	☐ **No**	

Turnaround of Culture Samples subject to Culture Growth

BACTERIA*

Total Colony Counts (CC)	☐ 3 day	☐ 5 day
CC + Gram Stain	☐ 3 day	☐ 5 day
Total Coliform & E. coli (P/A)	☐ 2-3 day	

OTHER: _____

Billing Company / City: ~~Heritage ES - Room 206~~ Apex TITAN # of Samples: 3
Submitter's Company: Apex TITAN Sample Date: 8/7/14
Submitter's Name: D. Bell Project #: 7210114H119A
Project: Heritage ES - Room 206 Phone #:
Contact Information: Name: Mobile #:
E-mail Results to: Fax #:
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
1	Room 206	150	83.4° / 41.2%
2	outside	75	101° / 40.1%
3	outside	75	
			MM < 12%

Released By:	Date / Time:	Received By:	Date / Time:
[signature]		[signature]	8-7-14 12:44PM
Released By:	Date / Time:	Received By:	Date / Time:

Steve Moody Micro Services, LLC ♦ 2051 Valley View Ln. ♦ Farmers Branch, TX 75234 ♦ Phone (972) 241-8460 ♦ Fax (972) 241-8461
www.moodylabs.com

ATTACHMENT 2

Mold Services Definitions & Limitations/Standard of Care and Reliance

APEX

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 (and the Texas Mold Assessment & Remediation Rules), 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 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 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.

Texas Licensing Requirements. Apex (and/or its personnel) will render the services set forth in this proposal in the capacity of a Texas licensed Mold Assessor. Apex is not licensed as a Mold Remediation Contractor and does not perform mold remediation. As of January 1, 2005, Texas law has required that Mold Assessors and Mold Remediation Contractors be licensed.

Mold Remediation Certificate. 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 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 Apex's issuance of a Mold Remediation Certificate 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 the Investigation Area or the Site. In the event that Apex is engaged to render services in connection with a mold remediation project, Apex will require *Client to provide to Apex a signed certificate prepared by Client's moisture intrusion specialist or appropriate contractor stating that all sources of moisture which resulted in the presence of mold in the Investigation Area have been fully remediated and corrected.*

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.

September 25, 2014

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

Re: Limited Mold Assessment Services - Retest
Hedrick Elementary School
Room 206
1532 Bellaire Boulevard
Lewisville, Texas
Project No. 7210114H119B
LISD PO# 91409943-00

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 Hedrick Elementary School located at 1532 Bellaire Boulevard in Lewisville, 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. Clinton S. Jech, a State of Texas licensed Mold Assessment Technician (Lic. No. MAT1075) on September 19, 2014. Apex's mold services definitions and limitations are included as an attachment to this report.

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 206. 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 set forth in Apex's Mold Assessment Proposal (No. P0114H1321) dated August 21, 2014. Apex's scope-of-work was to provide visual and/or analytical mold assessment and related services in the Investigation Areas 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' Mold Assessment Site reconnaissance was performed on September 19, 2014 by Mr. Clinton S. Jech. Apex's visual reconnaissance of the Investigation areas revealed the following:

Temperature and Relative Humidity

Temperature readings collected inside the room was reported as 72.3 degrees Fahrenheit while relative humidity was reported as 38.4 percent. Temperature readings collected outside the building ranged from 90.8 to 91.0 degrees Fahrenheit while outside relative humidity ranged from 46.5 to 51.3 percent.

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/office 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 I below explains the applicable limits and guidelines.

Table I
Acceptable Ranges Of Temperature And Humidity

Relative Humidity	Winter Temperatures	Summer Temperatures
30%	68.5 to 76°F	74 to 80°F
40%	68.5 to 75.5°F	73 to 79.5°F
50%	68.5 to 74.5°F	73 to 79°F
60%	68 to 74°F	72.5 to 78°F

Apex utilized a Protimeter Moisture Measurement System (MMS) instrument (Model No. BLD2000) to measure and diagnose dampness in the drywall within random areas. The MMS is a battery powered handheld unit that is equipped with hydrostick probes to measure moisture content in wood, drywall and other and non-conductive materials. The device measures electrical conductivity of building materials and compares the conductivity readings to an internal, electronic standard reading for normal or "dry" materials.

Moisture content readings were obtained by pushing the moisture probe pins into surfaces. The measured values were then displayed on a colored scale depicting if the materials measured were normal (dry), higher than normal but not critical (at risk) or contained excessive moisture levels (wet). Based on the manufacturer's guidelines, the instrument measurement values are described below:

< 5%	Out of Range
> 5% but < 16%	Normal
> 17% but < 20%	Higher than Normal but Not Critical
> 20%	Excessive Moisture Levels

Moisture meter readings taken from the walls within the room was 10-12% which is considered normal by the manufacturer.

Air Monitoring Results

Apex collected one (1) sample from the interior of the investigation area and two (2) samples from the exterior of the building. The microbial samples were analyzed by Steve Moody Micro Services, Inc. (SMMS) 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.

Air testing performed using spore traps indicated that total airborne mold spores in the classrooms 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 investigation area was reported as 5,488 counts/m^3, while exterior levels ranged from 21,327 to 45,307 counts/m^3.

One (1) type of mold were identified at a higher concentration within the investigation area as compared to the sample collected from the exterior of the building. Air sample(s) collected within room 206 reported Coprinus group as 193 counts/m^3 while no exterior levels where reported.

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). Due to the levels of Stachybotrys compared to the building exterior, Apex considers the airborne mold concentration to be elevated.

Suspect Mold

No visible mold was observed during the assessment. No odors or excessive dust were noted.

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.

If you have any questions regarding this report or if we can assist you with any other matter, please contact the undersigned at (214) 350-5469.

Sincerely,
Apex TITAN, Inc.

Darren G. Bowden
Senior Program Manager
Industrial Hygiene Services
Texas Mold Assessment Consultant
Lic. No. MAC0321

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

ATTACHMENT 1

Analytical Results/Chain of Custody

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. 14F-11876
Project : Hedrick ES Room 206 - Retest
Report Date 09/23/2014 12:40 PM
Project # : 7210114H1198 **Sample Date :** 09/19/2014
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile

On 9/19/2014, three (3) samples were submitted by Clint Jech of Apex TITAN, Inc. - Dallas, TX (located at 2351 W. NW Highway #3321, 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	10597	50%
			Cladosporium	4692	22%
			Aspergillus / Penicillium	2786	13%
			Ascospores	1013	5%
			Myxomycete / Periconia / Rust / Smut	826	4%
			Hyphal / Spore Fragments	573	3%
			Drechslera / Bipolaris group	320	2%
			Nigrospora	173	<1%
			Alternaria	147	<1%
			Fusarium	67	<1%
			Curvularia	67	<1%
			Ganoderma	53	<1%
			Pithomyces	13	<1%
			Total:	21327	100%
2	75	Exterior, Northeast	Alternaria	17502	39%
			Basidiospores	12943	29%
			Cladosporium	6478	14%
			Aspergillus / Penicillium	4692	10%
			Ascospores	786	2%
			Drechslera / Bipolaris group	746	2%
			Hyphal / Spore Fragments	720	2%
			Myxomycete / Periconia / Rust / Smut	427	<1%
			Nigrospora	400	<1%
			Fusarium	293	<1%
			Curvularia	253	<1%
			Cercospora / Pseudocercospora	40	<1%
			Torula	27	<1%
			Total:	45307	100%

IAQ Mold Report

Summary

Steve Moody Micro Services, LLC
2051 Valley View Lane
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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter	
3	150	Room 206 * See Analytical Notes report for further details	Basidiospores	2154	39%
			Aspergillus / Penicillium	1434	26%
			Cladosporium	880	16%
			Drechslera / Bipolaris group	280	5%
			Coprinus group	193	4%
			Myxomycete / Periconia / Rust / Smut	160	3%
			Alternaria	160	3%
			Curvularia	140	3%
			Hyphal / Spore Fragments	87	2%
			Total:	5488	100%

Analyst(s): Rob Greene

Lab Manager : Heather Lopez Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb Approved Signatory : Bruce Crabb

Thank you for choosing Steve Moody Micro Services

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Data Detail

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Lab Job No. : 14F-11876
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Sample ID:	**1**				**2**				**3**			
Location:	Exterior, Northwest				Exterior, Northeast				Room 206			
Media Expires On:												
Notes Included:												
Volume:	75				75				150			
	raw ct.	MDL	spores/m³		raw ct.	MDL	spores/m³		raw ct.	MDL	spores/m³	
Alternaria	11	13.33	147	<1%	1313	13.33	17502	39%	24	6.67	160	3%
Ascospores	76	13.33	1013	5%	59	13.33	786	2%				
Aspergillus / Penicillium	209	13.33	2786	13%	352	13.33	4692	10%	215	6.67	1434	26%
Basidiospores	795	13.33	10597	50%	971	13.33	12943	29%	323	6.67	2154	39%
Cercospora / Pseudocercospora					3	13.33	40	<1%				
Chaetomium												
Cladosporium	352	13.33	4692	22%	486	13.33	6478	14%	132	6.67	880	16%
Coprinus group									29	6.67	193	4%
Curvularia	5	13.33	67	<1%	19	13.33	253	<1%	21	6.67	140	3%
Drechslera / Bipolaris group	24	13.33	320	2%	56	13.33	746	2%	42	6.67	280	5%
Fusarium	5	13.33	67	<1%	22	13.33	293	<1%				
Ganoderma	4	13.33	53	<1%								
Hyphal / Spore Fragments	43	13.33	573	3%	54	13.33	720	2%	13	6.67	87	2%
Memnoniella												
Myxomycete / Periconia / Rust / Smut	62	13.33	826	4%	32	13.33	427	<1%	24	6.67	160	3%
Nigrospora	13	13.33	173	<1%	30	13.33	400	<1%				
Pithomyces	1	13.33	13	<1%								
Stachybotrys												
Torula					2	13.33	27	<1%				
TOTALS	1600		21327	100%	3399		45307	100%	823		5488	100%
Analyst	Rob Greene				Rob Greene				Rob Greene			
Analysis Date	9/23/2014				9/23/2014				9/23/2014			
Debris Rating	4				4				5			
Debris Composition												
Fibers	1/5				1/5				5/5			
Inorganic/Other	4/5				4/5				5/5			
Insect Parts	0/5				1/5				0/5			
Pollen	2/5				4/5				1/5			
Skin/Dander	0/5				0/5				5/5			

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
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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 : Room 206

Notes: 95% Occluded.

Field Blanks

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

NOTE: All remaining samples suitable for analysis.

Methods

Method: ASTM D7391-09: Categorization and Quantification of Airborne Fungal Structures in an Inertial Impaction Sample by Optical Microscopy.

Calculation: Spores/cubic meter = (Raw spore count)*(MDL)

Note: MDL (Minimum Detection Limit) is calculated based upon 1 raw spore count.

Steve Moody Micro Services recommends two significant figures for calculated values based on ASTM D7391-09.

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 debris detected.
1 - Trace debris.
2 - Light debris.
3 - Moderate debris.
4 - Substantial debris.
5 - Extensive debris.
6 - Field blank.
10 - Hold Sample

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

IAQ Mold Report

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Analytical Notes

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
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AIHA LAP, LLC
ACCREDITED LABORATORY
ENVIRONMENTAL MICROBIOLOGY
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 102577

HUB
Statewide Historically Underutilized Business Program

TEXAS Department of State Health Services
License # LAB0117

Certified WBENC Women's Business Enterprise

IAQ Mold Report

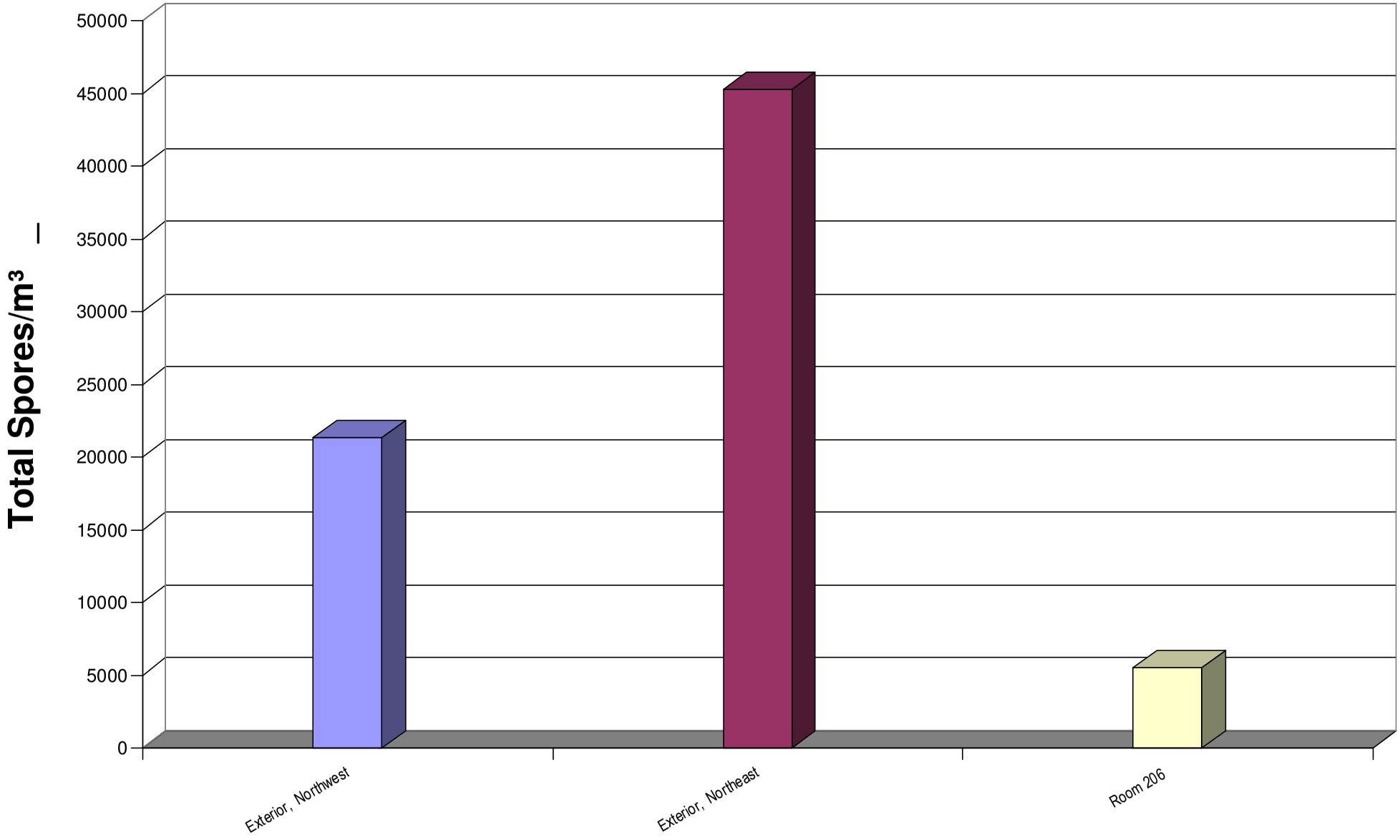
Supplemental Overview

Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

DSHS License No.: LAB0117
AIHA EMPAT ID: 102577

Client : Apex TITAN, Inc. - Dallas, TX
Project : Hedrick ES Room 206 - Retest
Project # : 7210114H1198

Lab Job No. 14F-11876
Report Date
Sample Date : 09/19/2014



Chain of Custody

Page 1 of 1

SMMS LABS

Lab Job # 14F-11876 AOC:3
Lab Job #
Lab Job #

*Please call in advance for immediate, after-hour, & weekend pricing & availability.**
Turnaround of Culture Samples subject to Culture Growth

ASBESTOS PLM
Bulk ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day ☐ Immediate
☐ Analyze All ☐ Positive Stop

PCM Air (7400) ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day ☐ Immediate
TOTAL DUST (0500/0600) ☐ 1 day ☐ 2 day

MOLD
Non-culture (Tape / Bulk / (Air)) ☐ 1 day ☒ 2 day ☐ Immediate
☒ Air Standard Profile ☐ Air Expanded Profile
Analyze Blanks ☐ Yes ☐ No
Culture (Swab / Bulk / Plate) ☐ 7-14 day

OTHER:

ASBESTOS TEM

Air AHERA Method	☐ 6 hr	☐ 12hr	☐ 24 hr
Air 7402 (Modified)	☐ 1 day	☐ 2 day	☐ 3 day
Bulk/Wipe/Micro Vac	☐ 1 day	☐ 2 day	☐ 3 day
Water	☐ 1 day	☐ 2 day	☐ 3 day

Analyze Blanks ☐ Yes ☐ No

BACTERIA

Heterotrophic Plate Count (HPC)	☐ 3 day	
HPC + Gram Stain	☐ 3 day	☐ 5 day
HPC + 3 Gram Neg ID	☐ 6-8 day	
HPC + 5 Gram Neg ID	☐ 6-8 day	
Fecal Coliform (MPN)	☐ 3 day	
Total Coliform & E Coli (P/A)	☐ 2-3 day	

Billing Company / City: Apex Titan (Dallas South)
Submitter's Company:
Submitter's Name: Clint Jech
Project: Hedrick ES Room 206 - Retest
Contact Information: Name: Clint JECH
E-mail Results to: Clint/Darren/Veronica
Invoice Address: Veronica

# of Samples: 3
Sample Date: 9/19/2014
Project #: 7210114HHAB
Phone #:
Mobile #: (972) 989-1031
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	Exterior, Northwest	75	T= 91.0 ° H= 51.3 %
2	Exterior, Northwest	75	T=90.8 ° H=46.5 %
3	Room 206	150	T= 72.3° H=38.4 %. M=10-12 %. Ceiling= Ceiling Tile Walls= Drywall/Cork Board on Drywall Floors= Carpet

Released By:	Date / Time:	Received By:	Date / Time:
	9/19/2014 1559		9/19/14 7:19 pm
Released By:	Date / Time:	Received By:	Date / Time:

ATTACHMENT 2

Mold Services Definitions & Limitations/Standard of Care and Reliance

APEX

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 (and the Texas Mold Assessment & Remediation Rules), 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 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 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.

Texas Licensing Requirements. Apex (and/or its personnel) will render the services set forth in this proposal in the capacity of a Texas licensed Mold Assessor. Apex is not licensed as a Mold Remediation Contractor and does not perform mold remediation. As of January 1, 2005, Texas law has required that Mold Assessors and Mold Remediation Contractors be licensed.

Mold Remediation Certificate. 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 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 Apex's issuance of a Mold Remediation Certificate 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 the Investigation Area or the Site. In the event that Apex is engaged to render services in connection with a mold remediation project, Apex will require *Client to provide to Apex a signed certificate prepared by Client's moisture intrusion specialist or appropriate contractor stating that all sources of moisture which resulted in the presence of mold in the Investigation Area have been fully remediated and corrected.*

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.