

DATE: June 12, 2014

**TO:** Robin Block, Principal

SUBJECT: Bridlewood ES - IAQ - Air Test - Room 600

On Monday 6/9, I received W.O. #189128: "Room 600 --- The CO2 control in my room is wacko. My room is cool at times but when the CO2 monitor kicks in it makes my room humid and hot. I talked to the air conditioner man Mr. Gonzales and he said the district is having problems with the CO2 units. He suggested I ask Mr. Hudson to call maintenance or whomever is in charge of air conditioning to have my room temperature dropped a couple of degrees which I will do in August. My concern in the meantime is that there have been many times when my room has been so humid that my carpet feels damp. I am concerned that there might be mold present because of the dampness, the room often smells musty and damp. Is there a way to check under the carpet without pulling it all up? I LOVE my carpet and would not like it to be pulled up unless there was a mold problem." On Tuesday 9/10, I inspected Room 600. The CO2 wall unit was at 0. I notified HVAC to repair the unit. There was no evidence of water intrusion. I am requesting a P.O. to Air Test the room. As soon as I get the results, I will be E-mailing them to you. If you have any questions, please contact me. Thanks, Paul

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



July 7, 2014

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

Re: Limited Mold Assessment Services Bridlewood Elementary School Room 600 4901 Remington Park Drive Flower Mound, Texas Apex Project No. 7210114H160 LISD PO# 91405274-00

## **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 Birdlewood Elementary School located at 4901 Remington Park Drive 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. Clinton S. Jech, a State of Texas licensed Mold Assessment Technician (Lic. No. MAT1075) on July 1, 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 600. 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. P0114H1196) dated June 16, 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 July 1, 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 79.3 degrees Fahrenheit while relative humidity was reported as 69.2 percent. Temperature readings collected outside the building ranged from 81.8 to 85.4 degrees Fahrenheit while outside relative humidity ranged from 63.5 to 69.7 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							
1	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 7-16% 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, LLC. (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 708 counts/m<sup>3</sup>, while the exterior level ranged from 3,666 to 10,891counts/m<sup>3</sup>.

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 600 reported Nigrospora and Pithomyces 7 counts/m<sup>3</sup> each, 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 on this day. 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 Texas Mold Assessment Consultant Lic. No. MAC0321

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



## ATTACHMENT 1

Analytical Results/Chain of Custody



Steve Moody Micro Services, LLC 2051 Valley View Lane Farmers Branch, TX 75234 Phone: (972) 241-8460		vices, LLC	/ummul v	License No.: L A EMPAT ID	
Project : Bi Project # : 72	idlewood 210114H	•		/2014 3:33	PM
	old: AST	M D7391-09 - Standard Profile	Spore Trap Type: Zefon - Air-O-C	Page	1 of 2
			Inc Dallas, TX (located at 2351 W. NW Highw ree sections; a summary section, a data detail sect		
Sample Number	Volume (liters)	Sample Description	Identification		entration ubic meter
1	75	Exterior, Northwest * See Analytical Notes report for further details	Basidiospores Cladosporium Ascospores Aspergillus / Penicillium Myxomycete / Rust / Smut Hyphal / Spore Fragments Coprinus group Agrocybe Alternaria Curvularia Ganoderma Torula Fusarium Drechslera / Bipolaris group	8200 680 613 533 240 213 187 93 53 27 13 13 13 13	75% 6% 6% 5% 2% 2% <1% <1% <1% <1% <1%
2	75	Exterior, Northeast * See Analytical Notes report for further details	Tota Basidiospores Aspergillus / Penicillium Ascospores Coprinus group Cladosporium Myxomycete / Rust / Smut Hyphal / Spore Fragments Agrocybe Ganoderma Chaetomium Alternaria	1586 653 600 187 160 147 133 80 53 40 27	5% 4% 4% 2% 1% 1% <1%

## IAQ Mold Report

Steve Moody M 2051 Valley View Farmers Branch,	v Lane	<i>vices, LLC</i> 4 Phone: (972) 241-8460	Summarv	DSHS Licer AIHA EN	ise No.: LA APAT ID:	
Client : A	pex TITA	AN, Inc Dallas, TX	Lab Job N	<b>o.</b> 14F-08034	1	
	•	d ES Room 600		te 07/02/201		РМ
Project # : 72	210114H	160 Sample Date : 07	7/01/2014			
Sample Type: Sp	pore Trap	o, Non-cultured	Spore Trap Type: Zefon -	Air-O-Cell		
Test Method: M	Iold: AS7	TM D7391-09 - Standard Profile			Page	2 of 2
		vere submitted by Clint Jech of Apex TITAN ared mold analysis. This report consists of th				
Sample Number	Volume	Sample Description	Identification			ntration
	(liters)				spores/ct	ibic meter
3	150	Room 600	Basidiospores		180	25%
		* See Analytical Notes report for	Ascospores		167	24%
		further details	Hyphal / Spore Fragments		127	18%
			Cladosporium		67	9%
			Myxomycete / Rust / Smut		60	8%
			Aspergillus / Penicillium Curvularia		47	7% 3%
			Drechslera / Bipolaris group		20 13	5% 2%
			Alternaria		13	2%
			Nigrospora		7	<1%
			Pithomyces		7	<1%
the results contained he Steve Moody Micro Ser	rein. Interpro	in full. Data contained in this test report relates etation should be made by a qualified profession wes no responsibility for the manner in which the or the qualifications of personnel performing sam	only to the samples tested. This report does al. se samples were collected or handled prior	-	708	100% ation of
Analyst(s): Reb	ecca Lutz		A.,	the La		
Lab Manager : He		pez A	Approved Signatory :	-09	2	
Lab Director : Br	uce Crab	b A — — — Thank you for choosing Steve 3	Approved Signatory :	e bull		
		mank you for choosing Steve	woody where services			

# IAQ Mold Report

Sum	marv

				IAQ	) Mo	old Repo	ort				
Steve Moody Micro Services, LLC 2051 Valley View Lane Farmers Branch, TX 75234 Phone: (972) 241-8460					Data	Detail					e No.: LAB01 PAT ID: 1025
Client : Apex TITA	s, TX				La	ab Jok	<b>No. :</b> 14F-	08034			
Project : Bridlewoo	d ES Rooi	n 600					R	eport	Date : 07/0	2/2014	3:33 PM
<b>Project # :</b> 7210114H	160		Sample I	Date :	07/01	/2014					
Sample Type: Spore Trap	o, Non-cul	tured			:	Spore Traj	о Туре	Zefo	on - Air-O-C	Cell	
Test Method: Mold: AST	ГМ D7391	-09 -	Standard P	rofile							Page 1 of
This report consists of three secti					on, and	an analytical	notes sec	tion. R	esults may not	be report	•
Sample ID:		1			2			3	-		-
Location:	Exte	erior, N	lorthwest	Exte	erior, 1	Northeast		Room	600		
Media Expires On:		Feb 2	2015		Feb 2	2015		Feb 2	015		
Notes Included?:	See	Analyt	ical Notes	See	Analyt	ical Notes	See	Analyti	cal Notes		
Volume:		75	5		75	5		15	0		
	raw ct.	MDL	spores/m <sup>3</sup>	raw ct.	MDL	spores/m <sup>3</sup>	raw ct.	MDL	spores/m <sup>3</sup>		
Agrocybe	7	13.33	93 (<1%)	6	13.33	80 (2%)					
Alternaria	4	13.33	53 (<1%)	2	13.33	27 (<1%)	2	6.67	13 (2%)		
Ascospores	46	13.33	613 (6%)	45	13.33	600 (16%)	25	6.67	167 (24%)		
Aspergillus / Penicillium	40	13.33	533 (5%)	49	13.33	. ,	7	6.67	47 (7%)		
Basidiospores	123	66.67	8200 (75%)	119	13.33	1586 (43%)	27	6.67	180 (25%)		
Chaetomium				3	13.33	40 (1%)					
Cladosporium	51	13.33	680 (6%)	12		. ,	10	6.67	67 (9%)		
Coprinus group	14	13.33	187 (2%)	14	13.33	187 (5%)					
Curvularia	2	13.33	27 (<1%)				3	6.67	20 (3%)		
Drechslera / Bipolaris group		13.33	13 (<1%)				2	6.67	13 (2%)		
Fusarium	1	13.33	13 (<1%)								
Ganoderma	1	13.33	13 (<1%)	4	13.33	. ,			(107)		
Hyphal / Spore Fragments	16	13.33	213 (2%)	10	13.33	133 (4%)	19	6.67	127 (18%)		
Memnoniella	10	10.00	040 (09()	11	10.00	147 (49()	0	0.07	CO (00()		
Myxomycete / Rust / Smut	18	13.33	240 (2%)	11	13.33	147 (4%)	9	6.67	60 (8%)		
Nigrospora							1	6.67 6.67	7 (<1%) 7 (<1%)		
Pithomyces							1	0.07	1 (<1%)		
Stachybotrys	1	13.33	13 (<1%)								
Torula TOTALS	325	10.00	10891 (100%)	275	1	3666 (100%)	106		708 (100%)		
Analyst		Rehecc	a Lutz			a Lutz		lebecc	, ,		
Analysis Date		7/2/2			7/2/2			7/2/2			
Debris Rating		5			5			4			

#### IAO Mold Re •†

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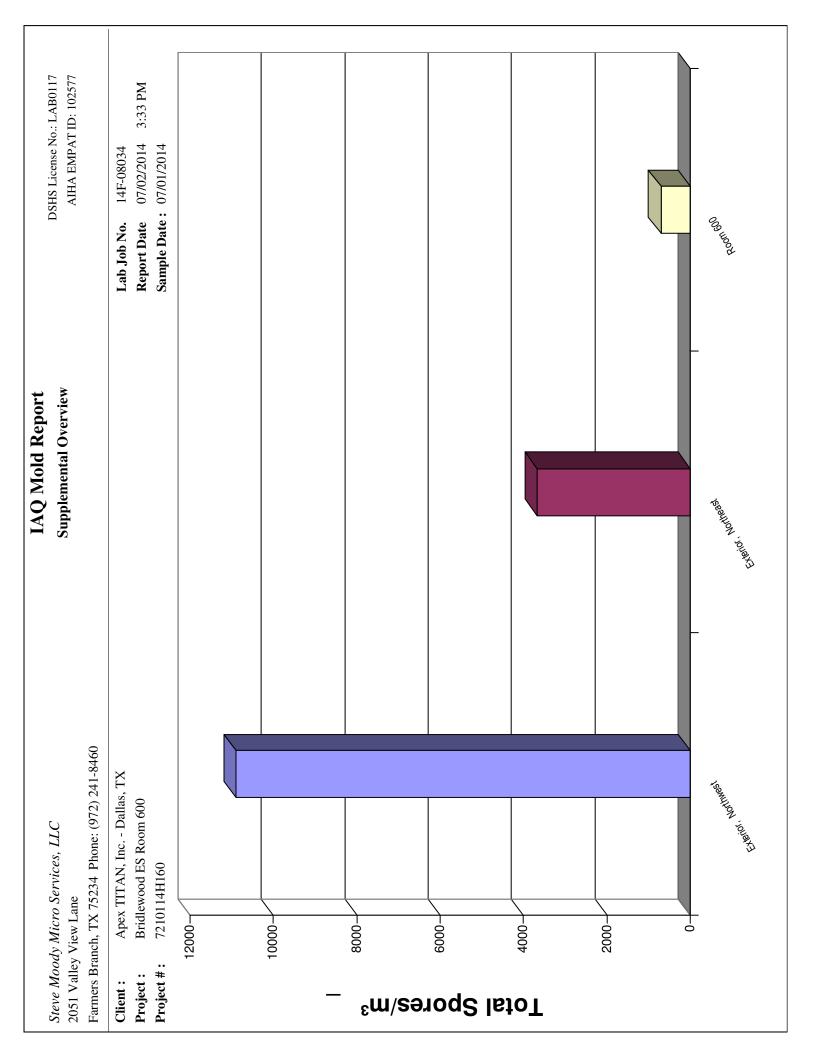
		IAQ Mold Report	t	
2051 Valley Vi	<i>Micro Services, LLC</i> iew Lane h, TX 75234 Phone: (972) 241-84	<b>Analytical Notes</b>		No.: LAB0117 AT ID: 102577
Client : Project : Project # :	Apex TITAN, Inc Dallas, TX Bridlewood ES Room 600 7210114H160 Samp	ple Date: 07/01/2014	Lab Job No. : 14F-08034 Report Date : 07/02/2014	3:33 PM
Test Method:	Spore Trap, Non-cultured Mold: ASTM D7391-09 - Standar s of three sections; a summary section, a dat	rd Profile	<b>Type:</b> Zefon - Air-O-Cell es section. Results may not be reporte	Page 1 of 3 ed except in full.
Samples Ana	alyzed			
Sample No:	1: Exterior, Northwest			
Notes:	20% Occluded.			
	EXPANDED TRACE DESC Skin/Dander: 2/5 Inorganic/Other: 5/5 Insect Parts: 1/5 Fibers: 3/5 Pollen: 1/5	CRIPTION		
	Due to a high presence of Basic this fungal group. When compa	-	-	
Sample No: Notes:	2 : Exterior, Northeast 25% Occluded.			
	EXPANDED TRACE DESC Skin/Dander: 1/5 Inorganic/Other: 5/5 Insect Parts: 1/5 Fibers: 3/5 Pollen: 1/5			
Sample No: Notes:	3 : Room 600			
	EXPANDED TRACE DESC Skin/Dander: 4/5 Inorganic/Other: 3/5 Insect Parts: 0/5 Fibers: 3/5 Pollen: 1/5	CRIPTION		

		IAQ Mold Report	· ·				
Steve Moody	Micro Services, LLC	Analytical Notes	DSHS License No.: LAB0117	7			
2051 Valley V	iew Lane		AIHA EMPAT ID: 10257	7			
Farmers Branc	h, TX 75234 Phone: (972) 2	41-8460					
Client :	Apex TITAN, Inc Dallas,	TX	Lab Job No. : 14F-08034				
Project :	Bridlewood ES Room 600		<b>Report Date :</b> 07/02/2014 3:33 PM				
Project # :	7210114H160	Sample Date : 07/01/2014					
Sample Type:	Spore Trap, Non-cultured	Spore Trap T	ype: Zefon - Air-O-Cell				
Test Method:	Mold: ASTM D7391-09 - S	tandard Profile	Page 2 of 3				
This report consists	s of three sections; a summary secti	on, a data detail section, and an analytical note	s section. Results may not be reported except in full.				
Field Blanks	5						
No discernabl	e field blanks were submitted	I with this set of samples.					
	M D7391-09: Categorization tical Microscopy.	n and Quantification of Airborne Fun	gal Structures in an Inertial Impaction				
Calculation: S	Spores/cubic meter = (Raw sp	pore count)*(MDL)					
Note: MDL (Minimum Detection Limit) is calculated based upon 1 raw spore count.							
Steve Moody	Steve Moody Micro Services recommends two significant figures for calculated values based on ASTM D7391-09.						
1	ust not be used by the custom the Federal Government.	er to claim product certification, appr	oval, or endorsement by AIHA, ISO, or				
Debris Ratir	ng 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.





Page 1 asse call in adv. urnaround of 0 <u>ASBESTOS</u> Bulk <u>PCM</u> Air (7 <u>TOTAL DI</u> <u>MOLD</u> Non-cultur <u>Analy</u> Culture (S <u>OTHER</u> : <u>Billing Con</u> Submitter's Submitter's Project: 2 Contact Inf E-mail Resu	ance for immediate, after-hour, & w Culture Samples subject to Culture of SPLM 1 day 2 day Analyze All 400) 1 day 2 day 5000/0600) 1 day 400) 1 day 2 day 1 day 2 day 1 day 2 day 1 day 2 day 1 day 400) 1 day 2 day 1 day 400) 1 day 2 day 1 day 1 day 400) 1 day 2 day 1 day 400) 1 day 1 day 400 1 day 2 day 1 day 400 1 day	Growth** 3 day 5 day  Positive Stop 3 day 5 day 3 day 5 day 2 day 4 2 day 4 2 day 5 day 5 day 4 Air Expande No 4 ay	Lab J Lab J Lab J Immediate	ob #         Tob #         Air AHERA N         Air 7402 (Mod         Bulk/Wipe/Mi         Water         Analyze B         BACTERIA         Heterotrophic         HPC + Gram S         HPC + 5 Gram         Fecal Coliform         Total Coliform	Aethod       6 hr         dified)       1 day         cro Vac       1 day         cro Vac       1 day         lanks       1 day         Plate Count (HPG         Stain       1 Neg ID         Neg ID       (MPN)         & E Coli (P/A)         # of Samples:         Sample Date:         Project #:       72         Phone #:	□ 12hr y □ 2 day y □ 2 day y □ 2 day (es □ No C) □ 3 day □ 3 day □ 6-8 day □ 6-8 day □ 2-3 day <b>3</b> <b>4/1/2614</b>	□24 hr □3 day □3 day □5 day
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Submitter's	Company						
Submitter's	Name: Clint Jech		······································	<u></u>			
Project: 🔟	Bridlewood FS 1	Room 600			Phone #:	21011-1110	<u> </u>
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Released By:	Date / Time:	Received By:	Date / Time;
Stone March Man Service IIC 2051 H. H.			

Steve Moody Micro Services, LLC - 2051 Valley View Ln. - Farmers Branch, TX 75234 - Phone (972) 241-8460 / Fax (972) 241-8461 Q-00134-2013

## 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 (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 10<sup>th</sup> 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.

