DATE: September 12, 2013

TO: Lana Fisher, Principal

SUBJECT: Bluebonnet ES - IAQ - Air Test - Rooms 201, 202, 203 & Hallway

On Wednesday 9/4, I received W.O.#163493: *"Please come and check out the air quality and for mold in rooms 201,202,203 and the hallway outside these rooms for possible mold-starting to smell Thank you,".* I inspected the rooms, found no water intrusions. I set up a P.O. for Air Tests in those areas this week. I should have the results back by Friday 9/13. If you have any questions, please call me.
Thanks,
Paul

Paul Siddall
Special Projects Manager (IAQ)
Facility Services
Lewisville ISD
469-446-8882

REAL INNOVATION
LIMITLESS OPPORTUNITY
LEWISVILLE INDEPENDENT SCHOOL DISTRICT

DATE: September 17, 2013

TO: Lana Fisher, Principal

SUBJECT: Bluebonnet ES - IAQ - Results report - Rooms 201, 202, 203 and Hallway

On Tuesday 9/10, SWG Air tested the Rooms 201, 202, 203 and Hallway. 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 201, was **4.7%**, Room 202, was **4.0%**, Room 203, was **6.5%**, and Hallway, was **5.1%**, of the outdoor levels. Utilizing this theory, the indoor concentrations are well within the acceptable guidelines for areas with filtered air or air conditioning. If you have any questions, please call me.
Thanks,
Paul

Paul Siddall
Special Projects Manager (IAQ)
Facility Services
Lewisville ISD
469-446-8882

Southwest GEOSCIENCE
2351 W. Northwest Hwy., Suite 3321
Dallas, Texas 75220
Ph: (214) 350-5469
Fax: (214) 350-2914

September 12, 2013

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

Re: Limited Mold Assessment Services
Bluebonnet Elementary School
Rooms 201, 202, 203 and Hallway
200 Spinks Road
Flower Mound, Texas
SWG Project No. 0113H221

Introduction

Southwest Geoscience (SWG) conducted limited mold assessment activities for the Lewisville Independent School District (Lewisville I.S.D.) within Bluebonnet Elementary School located at 2000 Spinks Road 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 Consultant (License #MAT1075), on September 10, 2013. SWG'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 Rooms 201, 202, 203 and the hallway outside room 203. SWG'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 SWG's mold assessment or this report at this time.

Scope of Work

As set forth in SWG's Mold Assessment Proposal No. 0113H1324 dated September 9, 2013. SWG's scope-of-work was to provide visual and/or analytical mold assessment and related services in the Investigation Areas which included:

Visual Reconnaissance: SWG 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. SWG's visual reconnaissance only included readily accessible or visible portions of the Investigation Areas.

Suspect Mold Growth Sampling and Analysis: SWG 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

SWG's Mold Assessment Site reconnaissance was performed on September 10, 2013 by Mr. Clinton S. Jech. SWG's visual reconnaissance of the Investigation areas revealed the following:

Temperature and Relative Humidity

Temperature readings collected inside the investigation areas on September 10, 2013 ranged from 72.3 to 74.6 degrees Fahrenheit while relative humidity ranged from 37.5 to 49.6 percent. Temperature readings collected outside the building ranged from 82.5 to 85.9 degrees Fahrenheit while outside relative humidity ranged from 57.1 to 65 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/work place 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

SWG 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 investigations areas were reported as 9-11 % which is considered normal by the manufacturer.

Air Monitoring Results

SWG collected four (4) samples from the interior of the building 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.

Room 201
Air testing performed using spore traps found that airborne mold spores in the room were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed. Total fungal spore concentration within the investigation area was reported as 1,060 counts/m^3 reported, while the exterior level ranged from 18,080 to 22,400 counts/m^3.

Stachybotrys was reported as 20 counts/m^3 within the room however; higher levels of Stachybotrys were reported outside the building.

Room 202
Air testing performed using spore traps found that airborne mold spores in the room were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed. Total fungal spore concentration within the investigation area was reported as 900 counts/m^3, while the exterior level ranged from 18,080 to 22,400 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 the room reported Cerebella/Monodictys/Stemphylium/Ulocladium as 20 counts/m^3 and Spegazzinia was reported as 20 counts/m^3 while no exterior levels were reported.

Room 203
Air testing performed using spore traps found that airborne mold spores in the room were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed. Total fungal spore concentration within the investigation area was reported as 1,460 counts/m^3 reported, while the exterior level ranged from 18,080 to 22,400 counts/m^3.

Stachybotrys was reported as 40 counts/m^3 within the room however; higher levels of Stachybotrys were reported outside the building.

Hallway outside of Room 203
Air testing performed using spore traps found that airborne mold spores in the room were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed. Total fungal spore concentration within the investigation area was reported as 1,140 counts/m^3, while the exterior level ranged from 18,080 to 22,400 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 the room reported Spegazzinia as 20 counts/m^3 while no exterior levels were 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
SWG observed no visible mold during the assessment. No odors or excessive dust were noted.

Conclusions and Recommendations

Based on SWG's limited assessment and the analytical results, it appears that the indoor air quality, as it relates to airborne fungi, was within recommended guidelines. However, due to presence of Stachybotrys, additional testing may be considered for a higher level of confidence.

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,
Southwest Geoscience

Darren G. Bowden
Corporate Director
Industrial Hygiene Services
Texas Mold Assessment Consultant
Lic. No. MAC0321

Attachments: Analytical Results/Chain of Custody
Mold Services Definitions & Limitations/Standard of Care and Reliance

Southwest
GEOSCIENCE

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 : Southwest Geoscience - Dallas, TX **Lab Job No.** 13F-10085
Project : Bluebonnet ES, Rooms 201, 202, 203, and Hallway **Report Date** 09/12/2013 10:21 AM
Project # : 0113H221 **Sample Date :** 09/10/2013
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile

On 9/10/2013, six (6) samples were submitted by Clint Jech of Southwest Geoscience - Dallas, TX (located at 2351 W NW Hwy #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, Southwest	Agaricus / Agrocybe	280
			Alternaria	80
			Ascospores	2720
			Aspergillus / Penicillium	3800
			Basidiospores	9240
			Cladosporium	3400
			Curvularia	360
			Drechslera / Bipolaris group	320
			Fusarium	200
			Ganoderma	80
			Hyphal / Spore Fragments	1280
			Myxomycete / Periconia / Rust / Smut	560
			Stachybotrys	80
			Total:	22400
2	75	Exterior, Southeast	Agaricus / Agrocybe	80
			Alternaria	80
			Ascospores	2280
			Aspergillus / Penicillium	1680
			Basidiospores	8600
			Cladosporium	3280
			Drechslera / Bipolaris group	120
			Fusarium	40
			Hyphal / Spore Fragments	1360
			Myxomycete / Periconia / Rust / Smut	480
			Nigrospora	40
			Stachybotrys	40
			Total:	18080

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	150	Room 201	Aspergillus / Penicillium	40
			Basidiospores	560
			Drechslera / Bipolaris group	80
			Hyphal / Spore Fragments	240
			Myxomycete / Periconia / Rust / Smut	120
			Stachybotrys	20
			Total:	1060
4	150	Room 202 * See Analytical Notes report for further details	Alternaria	60
			Aspergillus / Penicillium	120
			Basidiospores	280
			Cerebella / Monodictys / Stemphylium / Ulocladium	20
			Drechslera / Bipolaris group	80
			Hyphal / Spore Fragments	160
			Myxomycete / Periconia / Rust / Smut	160
			Spegazzinia	20
			Total:	900
5	150	Room 203	Ascospores	140
			Aspergillus / Penicillium	220
			Basidiospores	560
			Cladosporium	220
			Drechslera / Bipolaris group	20
			Hyphal / Spore Fragments	220
			Myxomycete / Periconia / Rust / Smut	40
			Stachybotrys	40
			Total:	1460

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

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
6	150	Hallway outside Room 203	Ascospores	20
			Aspergillus / Penicillium	80
			Basidiospores	460
			Cladosporium	220
			Drechslera / Bipolaris group	40
			Hyphal / Spore Fragments	240
			Myxomycete / Periconia / Rust / Smut	40
			Pithomyces	20
			Spegazzinia	20
			Total:	1140

Analyst(s): Rob Greene

Lab Director: Steve Moody

Approved Signatory :

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 : Southwest Geoscience - Dallas, TX
Lab Job No. : 13F-10085
Project : Bluebonnet ES, Rooms 201, 202, 203, and Hallway
Report Date : 09/12/2013 10:21 AM
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Sample Date : 09/10/2013
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**			**4**		
Location:	Exterior, Southwest			Exterior, Southeast			Room 201			Room 202		
Debris Rating:	4			3			4			5		
Media Expires On:	Apr 2014			Apr 2014			Apr 2014			Apr 2014		
Notes Included?:												
Volume:	75			75			150			150		
	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³
Agaricus / Agrocybe	7	40.00	280	2	40.00	80						
Alternaria	2	40.00	80	2	40.00	80				3	20.00	60
Ascospores	68	40.00	2720	57	40.00	2280						
Aspergillus / Penicillium	95	40.00	3800	42	40.00	1680	2	20.00	40	6	20.00	120
Basidiospores	231	40.00	9240	215	40.00	8600	28	20.00	560	14	20.00	280
Cerebella / Monodictys / Stemphylium / Ulocladium										1	20.00	20
Chaetomium												
Cladosporium	85	40.00	3400	82	40.00	3280						
Curvularia	9	40.00	360									
Drechslera / Bipolaris group	8	40.00	320	3	40.00	120	4	20.00	80	4	20.00	80
Fusarium	5	40.00	200	1	40.00	40						
Ganoderma	2	40.00	80									
Hyphal / Spore Fragments	32	40.00	1280	34	40.00	1360	12	20.00	240	8	20.00	160
Memnoniella												
Myxomycete / Periconia / Rust / Smut	14	40.00	560	12	40.00	480	6	20.00	120	8	20.00	160
Nigrospora				1	40.00	40						
Pithomyces												
Spegazzinia										1	20.00	20
Stachybotrys	2	40.00	80	1	40.00	40	1	20.00	20			
TOTALS	560		22400	452		18080	53		1060	45		900
Analyst	Rob Greene			Rob Greene			Rob Greene			Rob Greene		
Analysis Date	9/12/2013			9/12/2013			9/12/2013			9/12/2013		

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 : Southwest Geoscience - Dallas, TX
Lab Job No. : 13F-10085
Project : Bluebonnet ES, Rooms 201, 202, 203, and Hallway
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Project # : 0113H221
Sample Date : 09/10/2013
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:	**5**			**6**								
Location:	Room 203			Hallway outside Room 203								
Debris Rating:	3			3								
Media Expires On:	Apr 2014			Apr 2014								
Notes Included?:												
Volume:	150			150								
	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³						
Agaricus / Agrocybe												
Alternaria												
Ascospores	7	20.00	140	1	20.00	20						
Aspergillus / Penicillium	11	20.00	220	4	20.00	80						
Basidiospores	28	20.00	560	23	20.00	460						
Cerebella / Monodictys / Stemphylium / Ulocladium												
Chaetomium												
Cladosporium	11	20.00	220	11	20.00	220						
Curvularia												
Drechslera / Bipolaris group	1	20.00	20	2	20.00	40						
Fusarium												
Ganoderma												
Hyphal / Spore Fragments	11	20.00	220	12	20.00	240						
Memnoniella												
Myxomycete / Periconia / Rust / Smut	2	20.00	40	2	20.00	40						
Nigrospora												
Pithomyces				1	20.00	20						
Spegazzinia				1	20.00	20						
Stachybotrys	2	20.00	40									
TOTALS	73		1460	57		1140						
Analyst	Rob Greene			Rob Greene								
Analysis Date	9/12/2013			9/12/2013								

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 : Southwest Geoscience - Dallas, TX
Lab Job No. : 13F-10085
Project : Bluebonnet ES, Rooms 201, 202, 203, and Hallway
Report Date : 09/12/2013 10:21 AM
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Sample Date : 09/10/2013
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: 4 : Room 202

Notes: 20% Occluded.

Field Blanks

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

NOTE: All remaining samples suitable for analysis.

Methods

Method: ASTM D7391-09: 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

Chain of Custody

Page 1 of 1

SMMS LABS

Lab Job # 13F-10085 AOC 6
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: SWG
Submitter's Company:
Submitter's Name: Clinton S. Jech
Project: Bluebonnet ES Rooms 201, 202, 203 and Hallway
Contact Information: Name: Clinton S. Jech
E-mail Results to: Clint/Darren/Veronica
Invoice Address: Veronica

# of Samples: 6
Sample Date: 9/10/2013
Project #: 0113M2011
Phone #:
Mobile #: (972) 989-1081
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, Southwest	75	T= 82.5° H= 65.0 %.
2	Exterior, Southeast	75	T= 85.9° H= 57.1 %
3	Room 201	150	T= 74.6° H= 37.5 %
			M= 9-11 % Ceilings = Ceiling Tile
			Walls = Sheetrock Floors = carpet / Floor Tile
4	Room 202	150	T= 73.7° H= 41.7 % M= %
			Ceilings = Ceiling Tile Walls = Sheetrock
			Floors = Carpet / Floor Tile
5	Room 203	150	T= 72.3° H= 42.2 % M= 10-11 %
			Ceilings = Ceiling Tile Walls = Sheetrock
			Floors = Carpet / Floor Tile
6	Hallway outside Room 203	150	T= 74.3° H= 49.6 % M= 10-11 %
			Ceilings = Ceiling Tile Walls = Sheetrock / Wallpaper / Textured
			Floors = Floor Tile

Released By:	Date / Time:	Received By:	Date / Time:
	9/10/2013 1343	JC 9/10/13	1643 P.M.
Released By:	Date / Time:	Received By:	Date / Time:

Southwest
GEOSCIENCE

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 SWG'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, SWG 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). SWG cannot warrant the accuracy of prior or subsequent information/data, reports and services performed by other firms at the Site. SWG assumes no responsibility or liability for errors in information or data provided by or through the client or third party sources. SWG's services are not to be construed as legal or medical interpretation or advice.

Moisture Intrusion Limitation. SWG 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, SWG will report observed areas of apparent moisture intrusion. SWG does not and will not investigate the cause or causes of such observed moisture intrusion. In the event apparent moisture intrusion is observed, SWG 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. SWG (and/or its personnel) will render the services set forth in this proposal in the capacity of a Texas licensed Mold Assessor. SWG 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 SWG'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 SWG is engaged to render services in connection with a mold remediation project, SWG will require *Client to provide to SWG 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

SWG 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

SWG'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 SWG 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, SWG 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 SWG.