

DATE: October 9, 2013

TO: Lisa Lingren, Principal

SUBJECT: Downing MS - IAQ - Air Testing and substance sampling - Gym 1, Gym 2

and Outside brick on North side of Gym

On Monday AM, October 7, I received the information about concerns of substance on the outside brick, of the Gym. That same Monday 10/7, I inspected the area. I have requested a P.O., to Air Test both Gyms, and have a sample taken of the substance on the outside of the North side brick wall, of the Gym. We should get the results back next week. If you have any questions, please contact me. Thanks,

Paul

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



DATE: 11/06/13

TO: Lisa Lingren, Principal

SUBJECT: Downing MS - IAQ - Chemical Test - Outside brick on Gym

On Friday 10/25, Southwest GeoScience took a sample of the white substance on the brick, on the outside of the Gym. Attached is the letter of acceptance for the sample, and the Material Analysis sheet from Cates Laboratories. In Summary: "*The white substance is water with calcium carbonate in the irrigation water"*. If you have any questions, please contact me. Thanks, Paul

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



DATE: November 13, 2013

TO: Lisa Lingren, Principal

SUBJECT: Downing MS - IAQ - Air Test results - Gym 1 & Gym 2

On Friday 10/25, SWG Air tested Gym 1 & Gym 2. 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 Gym 1, was **2.8%**, Gym 2, was **0.6%** 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 Maintenance Energy Auditor (IAQ) **Facility Services** Lewisville ISD 469-446-8882



2351 W. Northwest Hwy., Suite 3321

Dallas, Texas 75220 Ph: (214) 350-5469

Fax: (214) 350-2914

November 4, 2013

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

Re: Limited Mold Assessment Services

Downing Middle School Gym 1 and Gym 2

5555 Bridlewood Boulevard Flower Mound, Texas

SWG Project No. 0113H248

Introduction

Southwest Geoscience (SWG) conducted limited mold assessment activities for the Lewisville Independent School District (Lewisville I.S.D.) within Downing Middle School located at 5555 Bridlewood Boulevard in Flower Mound, Texas (hereinafter referred to as the "Site"). The investigation was limited to areas of the Site identified by Lewisville I.S.D. as described below. The assessment was performed by Mr. Clinton S. Jech, a State of Texas licensed Mold Assessment Consultant (License #MAT1075), on October 25, 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 Gym 1 and Gym 2. 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. 0113H1358 dated October 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.

Material Identification: SWG collected a sample of building material for identification analysis.

Site Reconnaissance Observations/Findings and Recommendations

SWG's Mold Assessment Site reconnaissance was performed on October 25, 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 October 25, 2013 ranged from 70.0 to 71.6 degrees Fahrenheit while relative humidity ranged from 43.3 to 48.3 percent.



Temperature readings collected outside the building ranged from 72.3 to 75.0 degrees Fahrenheit while outside relative humidity ranged from 22.7 to 26.9 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					

Air Monitoring Results

SWG collected two (2) 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.

Gym 1

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 780 counts/m³, while the exterior level ranged from 22,780 to 27,693 counts/m³.

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 Exserohilum as 20 counts/m³ and Spegazzinia was reported as 40 counts/m³ while no exterior levels were reported.

Gym 2

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 180 counts/m³, while the exterior level ranged from 22,780 to 27,693 counts/m³.

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

Lewisville Independent School District SWG Project No. 0113H248 November 4, 2013 Page 3



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.

Material identification

SWG collected a sample of exterior building material that has effervesced from the exterior wall. The material was identified as a very common mineral, calcite, which is very stable and inert. It is the fundamental material for many commercial building materials, including masonry, cements, mortars, surfacing materials (interior finishes), flooring and many others. Calcite precipitation is commonly associated with calcite-rich materials such as masonry, cements and mortars.

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.

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



Analytical Results/Chain of Custody

Steve Moody Micro Services, LLC

2051 Valley View Lane

DSHS License No.: LAB0117

AIHA EMPAT ID: 102577

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client: Southwest Geoscience - Dallas, TX Lab Job No. 13F-11822

Project: Downing MS, Gym 1 and Gym 2 Report Date 10/29/2013 11:32 AM

Project #: 0113H248 **Sample Date :** 10/25/2013

Sample Type: Spore Trap, Non-cultured Spore Trap Type: Zefon - Air-O-Cell

Test Method: Mold: ASTM D7391-09 - Standard Profile Page 1 of 3

On 10/25/2013, four (4) 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	150	Gym 1	Alternaria	20
			Aspergillus / Penicillium	20
			Basidiospores	160
			Cladosporium	60
			Curvularia	60
			Drechslera / Bipolaris group	100
			Exserohilum	20
			Hyphal / Spore Fragments	240
			Myxomycete / Periconia / Rust / Smut	60
			Spegazzinia	40
			Total:	780
2	150	Gym 2	Basidiospores	140
			Myxomycete / Periconia / Rust / Smut	40
			Total:	180

Steve Moody Micro Services, LLC

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
3		Exterior, Northwest * See Analytical Notes report for further details	Agaricus / Agrocybe Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cladosporium Coprinus Curvularia Drechslera / Bipolaris group Epicoccum Fusarium Ganoderma Hyphal / Spore Fragments Myxomycete / Periconia / Rust / Smut Pithomyces Total:	1

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
4	75	Exterior * See Analytical Notes report for further details	Agaricus / Agrocybe Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cladosporium Coprinus Curvularia Drechslera / Bipolaris group Epicoccum Fusarium Ganoderma Hyphal / Spore Fragments Myxomycete / Periconia / Rust / Smut Nigrospora Torula	200 360 880 1000 14300 2720 400 40 40 40 40 40 1480 1080 80 40
			Total:	22780

Results may not be reported except in full. Data contained in this test report relates only to the samples tested. This report does not express or imply interpretation of the results contained herein. Interpretation should be made by a qualified professional.

Steve Moody Micro Services assumes no responsibility for the manner in which these samples were collected or handled prior to being received at this laboratory. SMMS assumes no responsibility for the qualifications of personnel performing sampling and/or interpretations of this data.

Analyst(s): Rebecca Lutz

Lab Director: Bruce Crabb

Approved Signatory:

Bruce Crabb

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, LLC

Data Detail DSHS License No.: LAB0117 2051 Valley View Lane AIHA EMPAT ID: 102577

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client: Southwest Geoscience - Dallas, TX **Lab Job No.:** 13F-11822

Project: Downing MS, Gym 1 and Gym 2 **Report Date:** 10/29/2013 11:32 AM

0113H248 Project #: **Sample Date:** 10/25/2013

Sample Type: Spore Trap, Non-cultured Spore Trap Type: Zefon - Air-O-Cell

Test Method: Mold: ASTM D7391-09 - Standard Profile Page 1 of 2 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 Exterior, Northwest			4 Exterior 5			
Location:	Gym 1			Gym 2 3								
Debris Rating:	4											
Media Expires On:		Feb 2014		Feb 2014		Feb 2014			Feb 2014			
Notes Included?:						See Analytical Notes			See A	Analytic	al Notes	
Volume:		150			150			75			75	
	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³	raw ct.	MDL	spores/m³
Agaricus / Agrocybe							11	40.00	440	5	40.00	200
Alternaria	1	20.00	20				3	40.00	120	9	40.00	360
Ascospores							12	40.00	480	22	40.00	880
Aspergillus / Penicillium	1	20.00	20				102	40.00	4080	25	40.00	1000
Basidiospores	8	20.00	160	7	20.00	140	127	133.33	16933	143	100.00	14300
Chaetomium												
Cladosporium	3	20.00	60				48	40.00	1920	68	40.00	2720
Coprinus							12	40.00	480	10	40.00	400
Curvularia	3	20.00	60				4	40.00	160	1	40.00	40
Drechslera / Bipolaris group	5	20.00	100				4	40.00	160	2	40.00	80
Epicoccum							2	40.00	80	1	40.00	40
Exserohilum	1	20.00	20									
Fusarium							2	40.00	80	1	40.00	40
Ganoderma							1	40.00	40	1	40.00	40
Hyphal / Spore Fragments	12	20.00	240				24	40.00	960	37	40.00	1480
Memnoniella												
Myxomycete / Periconia / Rust / Smut	3	20.00	60	2	20.00	40	43	40.00	1720	27	40.00	1080
Nigrospora										2	40.00	80
Pithomyces							1	40.00	40			
Spegazzinia	2	20.00	40									
Stachybotrys												
Torula										1	40.00	40
TOTALS	39		780	9		180	396		27693	355		22780
Analyst	Re	ebecca	Lutz	Rebecca Lutz		Lutz	Rebecca Lutz		Rebecca Lutz			
Analysis Date	1	0/29/20)13	-	0/29/20)13	10/29/2013		013		10/29/20	013

Steve Moody Micro Services, LLC

Data Detail

DSHS License No.: LAB0117

2051 Valley View Lane

AIHA EMPAT ID: 102577

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client: Southwest Geoscience - Dallas, TX Lab Job No.: 13F-11822

Project: Downing MS, Gym 1 and Gym 2 **Report Date:** 10/29/2013 11:32 AM

Project #: 0113H248 **Sample Date :** 10/25/2013

Sample Type: Spore Trap, Non-cultured Spore Trap Type: Zefon - Air-O-Cell

Test Method: Mold: ASTM D7391-09 - Standard Profile

Page 2 of 2

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.

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.

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

Steve Moody Micro Services, LLC Analytical Notes DSHS License No.: LAB0117 2051 Valley View Lane AIHA EMPAT ID: 102577

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client: Southwest Geoscience - Dallas, TX Lab Job No.: 13F-11822

Project: Downing MS, Gym 1 and Gym 2 Report Date: 10/29/2013 11:32 AM

Project #: 0113H248 **Sample Date :** 10/25/2013

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Test Method: Mold: ASTM D7391-09 - Standard Profile

Page 1 of 2

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Samples Analyzed

Sample No: 3: Exterior, Northwest

Notes: 30% Occluded. Due to a high presence of Basidiospores, the Minimum Detection Limit is 133 spores /

cubic meter for this fungal group. When comparing results to other samples, use calculated results, not

raw numbers.

Sample No: 4: Exterior

Notes: 30% Occluded. Due to a high presence of Basidiospores, the Minimum Detection Limit is 100 spores /

cubic meter for this fungal group. When comparing results to other samples, use calculated results, not

raw numbers.

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.

Steve Moody Micro Services, LLC Analytical Notes DSHS License No.: LAB0117 2051 Valley View Lane AIHA EMPAT ID: 102577

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client: Southwest Geoscience - Dallas, TX Lab Job No.: 13F-11822

Project: Downing MS, Gym 1 and Gym 2 **Report Date:** 10/29/2013 11:32 AM

Project #: 0113H248 **Sample Date :** 10/25/2013

Sample Type: Spore Trap, Non-cultured Spore Trap Type: Zefon - Air-O-Cell

Test Method: Mold: ASTM D7391-09 - Standard Profile Page 2 of 2

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.



LAB#102577

Chain of Custody

Page 1 of



Lab Job#	13F-	11822	Aoc: 4	
Lab Job#				
Lab Job#				

Rlease call in advance for immediate, after-hour, & weekend pricing & availability.* urnaround of Culture Samples subject to Culture Growth** ASBESTOS PLM **ASBESTOS TEM** 1 day 2 day 3 day 5 day Immediate □12hr Bulk Air AHERA Method 6 hr ☐ 24 hr Analyze All ☐ Positive Stop Air 7402 (Modified) □1 day ☐2 day ☐3 day Bulk/Wipe/Micro Vac ☐1 day 2 day ☐3 day **PCM** Air (7400) 1 day 2 day 3 day 5 day Immediate Water ☐1 day ☐2 day ☐3 day 1 day 2 day **TOTAL DUST (0500/0600) Analyze Blanks** Yes \square No MOLD **BACTERIA** Non-culture (Tape / Bulk / Air) Heterotrophic Plate Count (HPC) 3 day □ 1 day Air Standard Profile ☐ Air Expanded Profile HPC + Gram Stain \square 3 day 5 day Analyze Blanks ☐ Yes ☐ No ☐6-8 day HPC + 3 Gram Neg ID Culture (Swab / Bulk / Plate) 7-14 day HPC + 5 Gram Neg ID ☐6-8 day ☐3 day Fecal Coliform (MPN) OTHER: Total Coliform & E Coli (P/A) ☐ 2-3 day Billing Company / City: SWG-# of Samples: Submitter's Company: Downing My Gyml & Gym 2) Sample Date: 10/25/2013 Submitter's Name: Clinton 5. Jech Project #: 6113 H248 Project: Contact Information: Name: Clinton S. Jech E-mail Results to: Clint/Darren/Veranica Fax #: Invoice Address: Veronica 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: Vol. / Area Sample # Sample Description Location / Notes if applicable Gyme 1 T=71.60 H=48.3% 150 CON Walls Wood Stoor Metal Coing 2 TE \$ 70.00 H= 43.3 % 150 Exterior Northwest T= 75.- " H= 22.7 **-**/_ 75 Exterior . 4 T= 72.30H= 26.9 ٠,, 75 Released By:_ Received By: Date / Time: 315814 10/25/2015 153

Cates Laboratories

November 6, 2013

Southwest Geoscience 2351 W. Northwest Highway Suite 3321 Dallas, Texas 75220

Attention: Darren Bowden

Subject: Downing Middle School - Material Characterization

Southwest Geoscience Project No. 0113H248

CatesLab Project No. MISC-07208

Dear Mr. Bowden:

Cates Laboratories, Inc. (CatesLab) has completed the analysis of the bulk sample delivered to us on October 25, 2013 for the subject project. The sample was examined utilizing the stereo microscope under reflected light, and the polarized light microscope (PLM) was utilized to examine the sample in grain mounts. The results are detailed in the attached report.

Cates Laboratories (CatesLab) has performed the analysis using accepted industry-standard practices. We can take no responsibility for locations sampled or sampling techniques.

CatesLab appreciates the opportunity to serve as your testing laboratory. If you have any questions or if we may be of further service to you, please call.

Sincerely,

CATES LABORATORIES, INC.

In to Catio

John R. Cates, P.G.

President

Laboratory Director

Attachments

MATERIAL ANALYSIS

DOWNING MIDDLE SCHOOL

Bulk Sample (CL286916) - Brick Material, White (material characterization)

The sample generally consisted of small flakes and unconsolidated grains of white to off white-colored material from a brick surface. The sample material was generally homogeneous and exhibited moderate friability. The material appears to be calcium carbonate precipitate, CaCO3, based on HCl effervescence (high), HCl dissolution (complete), water solubility (none) coupled with microscopic examination (identification of crystalline material).

In summary, the material is a very common mineral, calcite, which is very stable and inert. It is the fundamental material for many commercial building materials, including masonry, cements, mortars, surfacing materials (interior finishes), flooring and many others. Calcite precipitation is commonly associated with calcite-rich materials such as masonry, cements and mortars.



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.