

March 7, 2013

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

Re: Limited Mold Assessment Services Ethridge Elementary School Room D4 6001 Ethridge The Colony, Texas. SWG Project No. 0113013

## Introduction

Southwest Geoscience (SWG) conducted limited mold assessment activities for the Lewisville Independent School District (Lewisville I.S.D.) within Ethridge Elementary School located at 6001 Ethridge in The Colony, 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 (License #MAC0321), on March 5, 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 Room D4. 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. P01131034) dated January 24, 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 March 5, 2013 by Mr. Darren Bowden. SWG's visual reconnaissance of the Investigation areas revealed the following:

## Temperature and Relative Humidity

Temperature readings collected inside the room ranged from 73.4 to 73.7 degrees Fahrenheit while relative humidity ranged from 38.9 to 39.0 percent. Temperature readings collected



outside the building ranged from 79.1 to 82.3 degrees Fahrenheit while outside relative humidity ranged from 18.2 to 19.6 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 room were reported as 8% which is considered normal by the manufacturer.

## Air Monitoring Results

SWG collected one (1) sample from the interior of the room 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 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 820 counts/m<sup>3</sup> while the exterior level ranged from 2,640 to 2,400 counts/m<sup>3</sup>.

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 high temperature readings inside the classroom, SWG recommends further investigation by an HVAC contractor to ensure proper temperature levels are maintained within the room.

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 |                    |                                   | Summary DSHS Licen   | nse No.: LAB0117                    |  |  |
|---------------------------------|--------------------|-----------------------------------|--|-------------------------------------|--|--|
| 2051 Valley View Lane           |                    |                                   | AIHA EM  | IPAT ID: 102577                     |  |  |
| Farmers Branch,                 | TX 75234           | Phone: (972) 241-8460             |  |                                     |  |  |
| Client : S                      | outhwest           | Geoscience - Dallas, TX           | Lab Job No. 13F-02465  |                                     |  |  |
| Project : E                     | Ethridge El        | ementary School, D4               | <b>Report Date</b> 03/06/2013  | 3 12:04 PM                          |  |  |
| -                               | 113013             | Sample Date: 03                   | 3/04/2013  |                                     |  |  |
| Sample Type: S                  | pore Trap          | , Non-cultured                    | Spore Trap Type: Zefon - Air-O-Cell  |                                     |  |  |
|                                 |                    | M D7391-09 - Standard Profile     |  | Page 1 of 2                         |  |  |
|                                 |                    |                                   | est Geoscience - Dallas, TX (located at 2351 W NW Hwy<br>of three sections; a summary section, a data detail section |                                     |  |  |
| Sample Number                   | Volume<br>(liters) | Sample Description                | Identification   | Concentration<br>spores/cubic meter |  |  |
| E1                              | 150                | D4                                | Alternaria   | 40                                  |  |  |
| EI                              | 150                | * See Analytical Notes report for | Aspergillus / Penicillium  | 120                                 |  |  |
|                                 |                    | further details                   | Basidiospores  | 80                                  |  |  |
|                                 |                    |                                   | Cladosporium   | 100                                 |  |  |
|                                 |                    |                                   | Curvularia   | 40                                  |  |  |
|                                 |                    |                                   | Drechslera / Bipolaris group   | 40                                  |  |  |
|                                 |                    |                                   | Hyphal / Spore Fragments   | 260                                 |  |  |
|                                 |                    |                                   | Myxomycete / Periconia / Rust / Smut   | 100                                 |  |  |
|                                 |                    |                                   | Pithomyces   | 40                                  |  |  |
|                                 |                    |                                   | Total:   | 820                                 |  |  |
| E2                              | 75                 | Outside                           | Agaricus / Agrocybe  | 120                                 |  |  |
|                                 |                    | * See Analytical Notes report for | Alternaria   | 360                                 |  |  |
|                                 |                    | further details                   | Aspergillus / Penicillium  | 200                                 |  |  |
|                                 |                    |                                   | Basidiospores  | 320                                 |  |  |
|                                 |                    |                                   | Cladosporium   | 720                                 |  |  |
|                                 |                    |                                   | Curvularia   | 40                                  |  |  |
|                                 |                    |                                   | Hyphal / Spore Fragments   | 520                                 |  |  |
|                                 |                    |                                   | Myxomycete / Periconia / Rust / Smut   | 280                                 |  |  |
|                                 |                    |                                   | Scopulariopsis   | 80                                  |  |  |
|                                 |                    |                                   | Total:   | 2640                                |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |
|                                 |                    |                                   |  |                                     |  |  |

# IAQ Mold Report

| Steve Moody Mi<br>2051 Valley View<br>Farmers Branch, T                    | Lane                            |   | Jummur   | nse No.: LAB0117<br>MPAT ID: 102577 |
|--|---------------------------------|---|--|-------------------------------------|
| Project :EtProject # :01Sample Type:Sp                                     | hridge El<br>13013<br>pore Trap |   | Lab Job No. 13F-0246<br>Report Date 03/06/201<br>3/04/2013<br>Spore Trap Type: Zefon - Air-O-Cell                  | 3 12:04 PM                          |
| On 3/5/2013, three (3)   | samples w                       |   | est Geoscience - Dallas, TX (located at 2351 W NW Hw<br>of three sections; a summary section, a data detail sectio |                                     |
| Sample Number  | Volume<br>(liters)              | Sample Description                                | Identification   | Concentration<br>spores/cubic meter |
| the results contained her<br>Steve Moody Micro Ser<br>SMMS assumes no resp | ein. Interpre<br>vices assum    | etation should be made by a qualified professiona | se samples were collected or handled prior to being received   |                                     |
| Lab Director: Steve  | e Moody                         | A Thank you for choosing Steve M                  | Approved Signatory : Second  | my                                  |

# IAQ Mold Report

|   |              |           |                       | IAQ         | Mol      | d Repo                | ort        |          |                       |            |        |          |
|---|--------------|-----------|-----------------------|-------------|----------|-----------------------|------------|----------|-----------------------|------------|--------|----------|
| Steve Moody Micro Serv                  | vices, LLC   |           |                       | l           | Data I   | Detail                |            |          | DSHS                  | License    | No.: L | AB0117   |
| 2051 Valley View Lane                   |              |           |                       |             |          |                       |            |          | AII                   | HA EMP     | AT ID: | : 102577 |
| Farmers Branch, TX 75234                | Phone: (     | 972) 24   | 41-8460               |             |          |                       |            |          |                       |            |        |          |
| Client : Southwest                      | Geoscienco   | e - Dali  | las, TX               |             |          |                       | La         | b Job    | No.:13F-              | 02465      |        |          |
| Project : Ethridge El                   | ementary s   | School    | , D4                  |             |          |                       | Re         | port D   | ate:03/06             | 6/2013     | 12:0   | 4 PM     |
| <b>Project # :</b> 0113013              | -            |           | Sample I              | Date: (     | 3/04/2   | 2013                  |            | -        |                       |            |        |          |
| Sample Type: Spore Trap                 | , Non-cult   | ured      |                       |             | Sp       | oore Trap             | Type:      | Zefon    | - Air-O-C             | Cell       |        |          |
| Test Method: Mold: AST                  | M D7391-     | -09 - St  | andard Pi             | ofile       | -        | -                     |            |          |                       |            | Page   | 1 of 1   |
| This report consists of three section   | ons; a summa | ry sectio | on, a data de         | ail section | n, and a | n analytical i        | notes sect | ion. Res | ults may not          | be reporte | -      |          |
| Sample ID:                              |              | E1        |                       |             | E2       |                       |            | E3       |                       |            |        |          |
| Location:                               |              | D4        |                       |             | Outsid   | е                     |            | Outsid   | е                     |            |        |          |
| Debris Rating:                          |              | 5         |                       | Į           | 5        |                       |            | 5        |                       |            |        |          |
| Media Expires On:                       |              | Nov 20    | 13                    |             | Nov 20   | 13                    |            | Nov 20   | 13                    |            |        |          |
| Notes Included?:                        |              |           |                       |             |          |                       |            |          |                       |            |        |          |
| Volume:                                 |              | 150       |                       |             | 75       |                       |            | 75       |                       |            |        |          |
|   | raw ct.      | MDL       | spores/m <sup>3</sup> | raw ct.     | MDL      | spores/m <sup>3</sup> | raw ct.    | MDL      | spores/m <sup>3</sup> |            |        |          |
| Agaricus / Agrocybe                     |              |           |                       | 3           | 40.00    | 120                   |            |          |                       |            |        |          |
| Alternaria                              | 2            | 20.00     | 40                    | 9           | 40.00    | 360                   | 9          | 40.00    | 360                   |            |        |          |
| Ascospores                              |              |           |                       |             |          |                       | 2          | 40.00    | 80                    |            |        |          |
| Aspergillus / Penicillium               | 6            | 20.00     | 120                   | 5           | 40.00    | 200                   |            |          |                       |            |        |          |
| Basidiospores                           | 4            | 20.00     | 80                    | 8           | 40.00    | 320                   | 11         | 40.00    | 440                   |            |        |          |
| Chaetomium                              |              |           | 100                   |             |          | 700                   |            |          | 500                   |            |        |          |
| Cladosporium                            | 5            | 20.00     | 100                   | 18          | 40.00    | 720                   | 13         | 40.00    | 520                   |            |        |          |
| Curvularia                              | 2            | 20.00     | 40                    | 1           | 40.00    | 40                    |            | 40.00    |                       |            |        |          |
| Drechslera / Bipolaris group            |              | 20.00     | 40                    | 10          | 40.00    | 500                   | 2          | 40.00    | 80                    |            |        |          |
| Hyphal / Spore Fragments                | 13           | 20.00     | 260                   | 13          | 40.00    | 520                   | 12         | 40.00    | 480                   |            |        |          |
| Memnoniella<br>Myxomycete / Periconia / | 5            | 20.00     | 100                   | 7           | 40.00    | 280                   | 9          | 40.00    | 360                   |            |        |          |
| Rust / Smut                             |              |           |                       |             |          |                       |            |          |                       |            |        |          |
| Non-specified Fungal<br>Spore(s)        |              |           |                       |             |          |                       |            |          |                       |            |        |          |
| Pithomyces                              | 2            | 20.00     | 40                    |             |          |                       | 1          | 40.00    | 40                    |            |        |          |
| Scopulariopsis                          |              |           |                       | 2           | 40.00    | 80                    |            |          |                       |            |        |          |
| Stachybotrys                            |              |           |                       |             |          |                       | 1          | 40.00    | 40                    |            |        |          |
| TOTALS                                  | 41           |           | 820                   | 66          |          | 2640                  | 60         |          | 2400                  |            |        |          |
| Analyst                                 | F            | lob Gre   | ene                   | Rob Greene  |          |                       | Rob Greene |          |                       |            |        |          |
| Analysis Date                           |              | 3/6/201   | 3                     |             | 3/6/201  | 13                    |            | 3/6/201  | 13                    |            |        |          |

## 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   | Analytical Notes  | DSHS License No.: LAB0117           |
| 2051 Valley V            |   |   | AIHA EMPAT ID: 102577               |
| Farmers Branc            | h, TX 75234 Phone: (972) 241-8460                                   |   |                                     |
| Client :                 | Southwest Geoscience - Dallas, TX                                   |   | <b>b Job No. :</b> 13F-02465        |
| Project :<br>Project # : | Ethridge Elementary School, D4<br>0113013 Sample                    |   | port Date : 03/06/2013 12:04 PM     |
| ů,                       | Spore Trap, Non-cultured  | Date: 03/04/2013<br>Spore Trap Type   | : Zefon - Air-O-Cell                |
|                          | Mold: ASTM D7391-09 - Standard F                                    |   | Page 1 of 1                         |
| This report consists     | s of three sections; a summary section, a data de                   | etail section, and an analytical notes sect                                       | -                                   |
| Samples Ana              | alyzed  |   |                                     |
| Sample No:               | E1 : D4   |   |                                     |
| Notes:                   | 60% Occluded.   |   |                                     |
| Sample No:               | E2 : Outside  |   |                                     |
| Notes:                   | 20% Occluded.   |   |                                     |
| Sample No:               | E3 : Outside  |   |                                     |
| Notes:                   | 20% Occluded.   |   |                                     |
| Field Blanks             | 8   |   |                                     |
| Methods                  | e field blanks were submitted with this                             | s set of samples.   |                                     |
|                          | M D7391-09: Categorization and Qu tical Microscopy.                 | antification of Airborne Fungal S   | Structures in an Inertial Impaction |
| Calculation: S           | Spores/cubic meter = (Raw spore coun                                | t)*(MDL)  |                                     |
| Note: MDL (              | Minimum Detection Limit) is calculat                                | ed based upon 1 raw spore count   | t.                                  |
| Steve Moody              | Micro Services recommends two signi                                 | ficant figures for calculated valu  | es based on ASTM D7391-09.          |
|                          | ust not be used by the customer to claim<br>the Federal Government. | m product certification, approval   | , or endorsement by AIHA, ISO, or   |
|                          | ACCR  | IHA LAP, LLC<br>EDITED LABORATORY<br>RONMENTAL MICROBIOLOGY<br>ISO/IEC 17025:2005 |                                     |

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LAB # 102577

| Page of Image Lab Job #   *Please call in advance for immediate, after-hour, & weekend pricing & availability.* Lab Job #   **Please call in advance for immediate, after-hour, & weekend pricing & availability.* Lab Job #   **Turnaround of Culture Samples subject to Culture Growth** ASBESTOS PLM Immediate   Bulk 1 day 1 day 3 day 5 day Immediate   PCM Air (7400) 1 day 2 day 3 day 5 day Immediate   MOLD MOLD MOLD Molt Molt Molt Molt | Analyze Blanks  Yes  No<br>CTERIA   |
|--|---|
| Air Standard Profile Air Expanded Profile HPC<br>Analyze Blanks Yes No<br>Culture (Swab / Bulk / Plate) 7-14 day<br>Feca   | erotrophic Plate Count (HPC) 3 day<br>C + Gram Stain 3 day 5 day<br>C + 3 Gram Neg ID 6-8 day<br>C + 5 Gram Neg ID 6-8 day<br>al Coliform (MPN) 3 day<br>al Coliform & E Coli (P/A) 2-3 day |
| Billing Company / City: くいゲ  | # of Samples:   |
| Submitter's Company: D. Rowden   | Sample Date: 3/4/2012   |
| Submitter's Name: D. Bowden  | Project #: 0113012  |
| Project: Ettride, 25- DA   | 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 sam   | nples or excessive administrative requests may incur additional fees  |

| Sample #     | Sample Desc | ription                               | Vol. / Area if applicable |      | Location / N            | otes                        |          |
|--------------|-------------|---------------------------------------|---------------------------|------|-------------------------|-----------------------------|----------|
| EI           | БЧ          |                                       | 150                       |      |                         |                             |          |
| EL<br>E3     | outsile     |                                       | 75                        |      |                         |                             |          |
| E3           | 1           |                                       | 75                        |      |                         |                             |          |
|              |             |                                       |                           |      |                         |                             |          |
|              |             | ·····                                 |                           |      |                         |                             |          |
|              |             |                                       |                           |      |                         |                             |          |
|              | - AR        |                                       |                           |      |                         |                             |          |
|              |             |                                       |                           |      |                         |                             |          |
|              |             |                                       |                           |      | - <del>1/21</del> - 1/2 |                             |          |
|              |             | · · · · · · · · · · · · · · · · · · · |                           |      |                         |                             |          |
|              | ·           |                                       |                           |      |                         |                             | <u> </u> |
|              |             |                                       |                           |      |                         |                             |          |
|              |             |                                       |                           |      |                         |                             |          |
|              |             |                                       |                           |      |                         |                             |          |
| Released By  | nd Cl       | Date/Time:<br>3/5/2013                | Received By:              | Sood |                         | Date / Time:                | 9:45R    |
| Released By: |             | Date / Time:                          | Received By:              | 2000 |                         | <u>3/5//3</u><br>Date/Time: |          |

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



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 singledcelled 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 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 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.