

August 28, 2012

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

Re: Mold Assessment Services
Marcus High School
45 Rooms
5707 Morriss Road
Flower Mound, Texas
SWG Project No. 0112234

Introduction

Southwest Geoscience (SWG) conducted limited mold assessment activities for the Lewisville Independent School District (Lewisville I.S.D.) within forty-five (45) rooms at Marcus High School located at 5707 Morriss Road in Flower Mound, Texas (hereinafter referred to as the "Site"). It is SWG's understanding that the request for a mold assessment was triggered by a water intrusion event resulting from a roof leak. The investigation was limited to areas of the Site identified by Lewisville I.S.D. as described below. The assessment was performed by Mr. Clinton S. Jech, a State of Texas licensed Mold Assessment Technician (License No. MAT1075) on August 22, 2012. 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 forty-five (45) rooms. 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. 01121294) dated August 22, 2012, 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 August 22, 2012 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 building on August 22, 2012 ranged from 69.9 to 74.8 degrees Fahrenheit while relative humidity ranged from 49.0 to 59.9 percent. Temperature

readings collected outside the building ranged from 77.9 to 94.2 degrees Fahrenheit while outside relative humidity was ranged from 37.5 to 60.5 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 of the affected walls. 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 of the walls collected in the investigation areas are presented in the table below.

Moisture Meter Readings	
Room	Reading
Principal's Office Area A	6 - 8%
Principal's Office Area B	8 - 10%
Principal's Office Area C	6 - 10 %
Principal's Office, Reception Area	11 - 13%
Principal's Office	12 - 14%
Principal's Office, Conference Room	10 - 15%
D106	10 - 11%
D108	12 - 20%
D110	15 - 70%
A103	12 - 16%
A105	11 - 12%
A106	10 - 12%
A108	12 - 15%
A110	10 - 21%
B103	9 - 12%
B105	9 - 13%
C104	9 - 54%
A202	10 - 13%
A203	9 - 13%
A205	13 - 70%
A206	12 - 90%
A207	12 - 90%
A208	12 - 15%
A209	9 - 90%
A210	6 - 10%
A212	9 - 70%
A214	10 - 70%
B202	10 - 14%
B207	10 - 50%
B211	10%
B212	10 - 90%
B214 Storage	10 - 60%
C207	10 - 14%
C206	12 - 90%
C205	10 -13%
C204	90%
C203	90%
C202	90%
C201	10 - 11%
D208	9 - 14%
D206	6 - 10%
D211	10 - 12%
D209	8 - 10%
D204	6 - 11%
D202	12 - 14%

Moisture meter readings collected from walls within in Rooms D108, D110, C104, A205, A206, A207, A209, A212, A214, B207, B212, B214 Storage, C207, C206, C205, C204, C203 and C202 were reported as higher than normal or excessive.

Air Monitoring Results

SWG collected forty-five (45) samples from the interior of the building and four (4) samples from the exterior of the building. The microbial samples were analyzed by Steve Moody Micro Services, L.L.C. (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 investigation areas were considerably lower and were qualitatively similar to those measured outside of the building at the time the sampling was performed. Total interior fungal spore concentration within the investigation areas ranged from 100 to 3,400 counts/m³ while exterior levels ranged from 16,179 to 22,840 counts/m³. Molds identified in higher concentrations inside the building as compared to the exterior samples are listed in the table below.

Molds Identified in Higher Concentration Inside the Building as Compared to the Exterior Samples				
Sample No.	Location	Identification	Indoor Reading counts/m³	Outdoor Reading counts/m³
6	Principal's Office Conference Room	Torula	20	None Detected
9	Room D110	Agaricus/Agrocybe	60	None Detected
32	B214, Storage	Aspergillus/Penicillium	3,200	1,720
34	C206	Aspergillus/Penicillium	2,140	1,720

The table below lists rooms where Stachybotrys and Chaetomium were identified.

Areas with Concentrations of Stachybotrys and Chaetomium				
Sample No.	Location	Identification	Indoor Reading counts/m³	Outdoor Reading counts/m³
5	Principal's Office	Stachybotrys	20	40
6	Principal's Office Conference Room	Stachybotrys	20	40
9	Room D110	Chaetomium	80	80
11	A105	Chaetomium	20	80
12	A106	Stachybotrys	20	40
13	A108	Stachybotrys	20	40
14	A110	Chaetomium	20	80
14	A110	Stachybotrys	20	40
16	B105	Stachybotrys	20	40
17	C104	Stachybotrys	20	40
20	A205	Stachybotrys	20	40
24	A209	Chaetomium	40	80
26	A212	Chaetomium	20	80
32	B214, Storage	Chaetomium	20	80
33	C207	Stachybotrys	40	40
37	C203	Stachybotrys	20	40
39	C201	Chaetomium	20	80
45	D202	Chaetomium	20	80

The American Conference of Governmental Industrial Hygienists (ACGIH) sets forth assessment criteria related to the "indoor/outdoor" relationship where the indoor air quality should be at or

below that of outdoor air quality with regard to fungal spores (see ACGIH Bioaerosols, Assessment and Controls publication, 1999).

Suspect Mold

No visible mold was observed during the assessment.

Conclusions and Recommendations

SWG recommends that the wet walls be removed. Additional testing should be performed in rooms with wet walls. Retesting of rooms with concentrations of Stachybotrys and Chaetomium should be considered. 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

IAQ Mold Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

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

Summary

DSHS License No.: LAB0117

AIHA EMPAT ID: 102577

Client : Southwest Geoscience - Dallas, TX

Lab Job No. 12F-10338

Project : Marcus HS

Report Date 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 1 of 18

On 8/23/2012, forty nine (49) 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	Principal's Office, Area A * See Analytical Notes report for further details	Ascospores	40
			Aspergillus / Penicillium	360
			Basidiospores	440
			Cladosporium	320
			Curvularia	60
			Drechslera / Bipolaris group	140
			Hyphal / Spore Fragments	240
			Total:	1600
2	150	Principal's Office, Area B * See Analytical Notes report for further details	Aspergillus / Penicillium	60
			Basidiospores	100
			Cladosporium	260
			Curvularia	40
			Drechslera / Bipolaris group	140
			Hyphal / Spore Fragments	180
			Myxomycete / Rust / Smut	40
			Nigrospora	40
Total:	860			
3	150	Principal's Office, Area C * See Analytical Notes report for further details	Ascospores	60
			Aspergillus / Penicillium	320
			Basidiospores	180
			Cladosporium	40
			Drechslera / Bipolaris group	140
			Hyphal / Spore Fragments	420
			Myxomycete / Rust / Smut	100
			Total:	1260

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
4	150	Principal's Office, Reception * See Analytical Notes report for further details	Alternaria Aspergillus / Penicillium Basidiospores Cladosporium Coprinus Drechslera / Bipolaris group Hyphal / Spore Fragments Myxomycete / Rust / Smut <div style="text-align: right;">Total:</div>	20 180 100 140 20 100 420 60 1040
5	150	Principal's Office * See Analytical Notes report for further details	Agrocybe Aspergillus / Penicillium Basidiospores Cladosporium Curvularia Hyphal / Spore Fragments Myxomycete / Rust / Smut Stachybotrys <div style="text-align: right;">Total:</div>	20 380 160 140 20 420 40 20 1200

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
6	150	Principal's Office, Conference Room * See Analytical Notes report for further details	Alternaria	20
			Ascospores	40
			Aspergillus / Penicillium	100
			Basidiospores	140
			Cladosporium	180
			Hyphal / Spore Fragments	220
			Stachybotrys	20
			Torula	20
			Total:	740
			7	150
Basidiospores	60			
Cladosporium	80			
Drechslera / Bipolaris group	20			
Hyphal / Spore Fragments	240			
Myxomycete / Rust / Smut	40			
Total:	620			
8	150	Room D108		
			Basidiospores	260
			Cladosporium	80
			Hyphal / Spore Fragments	160
			Myxomycete / Rust / Smut	20
			Total:	760

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
9	150	Room D110	Agaricus / Agrocybe	60
			Alternaria	60
			Aspergillus / Penicillium	360
			Basidiospores	60
			Chaetomium	80
			Cladosporium	80
			Hyphal / Spore Fragments	300
			Total:	1000
10	150	Room A103	Ascospores	20
			Aspergillus / Penicillium	260
			Basidiospores	820
			Cladosporium	140
			Coprinus	20
			Hyphal / Spore Fragments	20
			Total:	1280
11	150	Room A105	Aspergillus / Penicillium	120
			Basidiospores	440
			Chaetomium	20
			Cladosporium	120
			Hyphal / Spore Fragments	40
			Total:	740

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
12	150	Room A106 * See Analytical Notes report for further details	Alternaria Aspergillus / Penicillium Basidiospores Cladosporium Curvularia Drechslera / Bipolaris group Epicoccum Hyphal / Spore Fragments Myxomycete / Rust / Smut Stachybotrys Total:	20 60 60 100 20 60 20 80 40 20 480
13	150	Room A108 * See Analytical Notes report for further details	Alternaria Aspergillus / Penicillium Basidiospores Drechslera / Bipolaris group Hyphal / Spore Fragments Stachybotrys Total:	20 160 340 60 120 20 720
14	150	Room A110	Ascospores Aspergillus / Penicillium Basidiospores Chaetomium Cladosporium Hyphal / Spore Fragments Stachybotrys Total:	40 280 480 20 100 20 20 960

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
15	150	Room B103	Aspergillus / Penicillium	140
			Basidiospores	120
			Cladosporium	160
			Hyphal / Spore Fragments	20
			Total:	440
16	150	Room B105	Basidiospores	160
			Curvularia	20
			Myxomycete / Rust / Smut	20
			Stachybotrys	20
			Total:	220
17	150	Room C104	Aspergillus / Penicillium	60
			Drechslera / Bipolaris group	20
			Stachybotrys	20
			Total:	100
18	150	Room A202	Aspergillus / Penicillium	280
			Basidiospores	360
			Cladosporium	120
			Total:	760

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
19	150	Room A203	Aspergillus / Penicillium Basidiospores Cladosporium Hyphal / Spore Fragments Total:	140 100 120 20 380
20	150	Room A205 * See Analytical Notes report for further details	Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cladosporium Hyphal / Spore Fragments Stachybotrys Total:	20 20 180 160 160 120 20 680
21	150	Room A206	Alternaria Aspergillus / Penicillium Basidiospores Cladosporium Total:	20 40 160 60 280
22	150	Room A207	No fungal spores detected	<20

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
23	150	Room A208	Aspergillus / Penicillium	80
			Basidiospores	300
			Cladosporium	40
			Drechslera / Bipolaris group	20
			Total:	440
24	150	Room A209	Aspergillus / Penicillium	100
			Basidiospores	440
			Chaetomium	40
			Cladosporium	140
			Coprinus	20
Total:	740			
25	150	Room A210	Alternaria	20
			Aspergillus / Penicillium	100
			Basidiospores	320
			Cladosporium	80
			Curvularia	40
			Drechslera / Bipolaris group	60
			Epicoccum	20
			Hyphal / Spore Fragments	80
			Paecilomyces	40
Total:	760			

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
26	150	Room A212	Basidiospores	20
			Chaetomium	20
			Cladosporium	20
			Drechslera / Bipolaris group	40
			Hyphal / Spore Fragments	20
			Total:	120
27	150	Room A214	Ascospores	20
			Aspergillus / Penicillium	80
			Basidiospores	340
			Hyphal / Spore Fragments	20
			Total:	460
28	150	Room B202	Alternaria	20
			Ascospores	40
			Aspergillus / Penicillium	20
			Basidiospores	140
			Cladosporium	40
			Hyphal / Spore Fragments	20
Total:	280			

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
29	150	Room B207 * See Analytical Notes report for further details	Aspergillus / Penicillium Basidiospores Cladosporium Hyphal / Spore Fragments Myxomycete / Rust / Smut Pithomyces Total:	20 80 80 20 20 20 240
30	150	Room B211	Aspergillus / Penicillium Basidiospores Fusarium Total:	240 160 20 420
31	150	Room B212	Ascospores Aspergillus / Penicillium Basidiospores Total:	20 180 300 500
32	150	Room B214, Storage	Aspergillus / Penicillium Basidiospores Chaetomium Hyphal / Spore Fragments Total:	3200 120 20 60 3400

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Sample Number	Volume (liters)	Sample Description	Identification	Concentration spores/cubic meter
33	150	Room C207 * See Analytical Notes report for further details	Aspergillus / Penicillium	120
			Basidiospores	20
			Cladosporium	100
			Drechslera / Bipolaris group	20
			Hyphal / Spore Fragments	40
			Stachybotrys	40
			Total:	340
34	150	Room C206	Ascospores	20
			Aspergillus / Penicillium	2140
			Basidiospores	20
			Hyphal / Spore Fragments	20
			Total:	2200
35	150	Room C205 * See Analytical Notes report for further details	Aspergillus / Penicillium	180
			Basidiospores	80
			Cercospora	20
			Cladosporium	120
			Drechslera / Bipolaris group	40
			Total:	440
36	150	Room C204	Aspergillus / Penicillium	100
			Basidiospores	140
			Cladosporium	40
			Hyphal / Spore Fragments	40
			Total:	320

IAQ Mold Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

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

Summary

DSHS License No.: LAB0117

AIHA EMPAT ID: 102577

Client : Southwest Geoscience - Dallas, TX

Lab Job No. 12F-10338

Project : Marcus HS

Report Date 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 12 of 18

On 8/23/2012, forty nine (49) 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
37	150	Room C203	Ascospores	20
			Aspergillus / Penicillium	60
			Basidiospores	320
			Cladosporium	40
			Hyphal / Spore Fragments	40
			Paecilomyces	20
			Stachybotrys	20
			Total:	520
38	150	Room C202	Aspergillus / Penicillium	100
			Basidiospores	180
			Cladosporium	40
			Total:	320
39	150	Room C201	Aspergillus / Penicillium	100
			Basidiospores	160
			Chaetomium	20
			Cladosporium	200
			Hyphal / Spore Fragments	40
			Myxomycete / Rust / Smut	80
			Total:	600
40	150	Room D208	Aspergillus / Penicillium	60
			Basidiospores	40
			Cladosporium	20
			Total:	120

IAQ Mold Report

Steve Moody Micro Services, LLC
 2051 Valley View Lane
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Summary

DSHS License No.: LAB0117
 AIHA EMPAT ID: 102577

Client : Southwest Geoscience - Dallas, TX **Lab Job No.** 12F-10338
Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 13 of 18

On 8/23/2012, forty nine (49) 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
41	150	Room D206	Aspergillus / Penicillium	180
			Basidiospores	60
			Hyphal / Spore Fragments	60
			Myxomycete / Rust / Smut	20
			Total:	320
42	150	Room D211	Aspergillus / Penicillium	100
			Basidiospores	80
			Cladosporium	80
			Hyphal / Spore Fragments	20
			Myxomycete / Rust / Smut	20
Total:	300			
43	150	Room D209	Agrocybe	20
			Ascospores	20
			Aspergillus / Penicillium	120
			Basidiospores	160
			Hyphal / Spore Fragments	20
Total:	340			
44	150	Room D204	Aspergillus / Penicillium	540
			Basidiospores	220
			Cladosporium	220
			Hyphal / Spore Fragments	160
			Myxomycete / Rust / Smut	60
			Paecilomyces	20
Total:	1220			

IAQ Mold Report

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Client : Southwest Geoscience - Dallas, TX **Lab Job No.** 12F-10338
Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 14 of 18

On 8/23/2012, forty nine (49) 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
45	150	Room D202 * See Analytical Notes report for further details	Ascospores Aspergillus / Penicillium Basidiospores Chaetomium Cladosporium Coprinus Hyphal / Spore Fragments Myxomycete / Rust / Smut <div style="text-align: right;">Total:</div>	20 180 60 20 60 20 60 40 460

IAQ Mold Report

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DSHS License No.: LAB0117
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Client : Southwest Geoscience - Dallas, TX **Lab Job No.** 12F-10338
Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 15 of 18

On 8/23/2012, forty nine (49) 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
46	75	Exterior, East * See Analytical Notes report for further details	Agroclybe Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cercospora Chaetomium Cladosporium Coprinus Curvularia Drechslera / Bipolaris group Fusarium Hyphal / Spore Fragments Myxomycete / Rust / Smut Nigrospora Non-specified Fungal Spore(s) Paecilomyces Pithomyces Stachybotrys	240 520 760 1600 7200 120 80 10240 200 80 320 360 320 520 40 40 40 120 40 Total: 22840

IAQ Mold Report

Steve Moody Micro Services, LLC
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Summary

DSHS License No.: LAB0117
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Client : Southwest Geoscience - Dallas, TX **Lab Job No.** 12F-10338
Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 16 of 18

On 8/23/2012, forty nine (49) 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
47	75	Exterior, South * See Analytical Notes report for further details	Agroclybe Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cladosporium Coprinus Curvularia Drechslera / Bipolaris group Hyphal / Spore Fragments Myxomycete / Rust / Smut Paecilomyces Pithomyces Pyricularia <div style="text-align: right;">Total:</div>	200 400 1520 1200 5520 8080 440 40 200 200 240 440 80 40 18600

IAQ Mold Report

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Summary

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Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
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Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 17 of 18

On 8/23/2012, forty nine (49) 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
48	75	Exterior, Southwest * See Analytical Notes report for further details	Agroclybe Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cercospora Cladosporium Coprinus Epicoccum Fusarium Hyphal / Spore Fragments Myxomycete / Rust / Smut Non-specified Fungal Spore(s) Paecilomyces <div style="text-align: right;">Total:</div>	160 160 720 1720 6228 120 6800 440 40 200 520 280 40 440 17868

IAQ Mold Report

Steve Moody Micro Services, LLC
 2051 Valley View Lane
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Summary

DSHS License No.: LAB0117
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Client : Southwest Geoscience - Dallas, TX **Lab Job No.** 12F-10338
Project : Marcus HS **Report Date** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 18 of 18

On 8/23/2012, forty nine (49) 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
49	75	Exterior, Northwest * See Analytical Notes report for further details	Alternaria Ascospores Aspergillus / Penicillium Basidiospores Cercospora Cladosporium Coprinus Curvularia Drechslera / Bipolaris group Ganoderma Hyphal / Spore Fragments Myxomycete / Rust / Smut Oidium Paecilomyces Pithomyces <div style="text-align: right;">Total:</div>	360 320 1120 6285 120 6934 80 40 160 40 200 120 80 280 40 16179

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, Rob Greene

Lab Director: Steve Moody

Approved Signatory :



Thank you for choosing Steve Moody Micro Services

IAQ Mold Report

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. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 2 of 26

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.

Torula													
TOTALS	80		1600	43		860	63		1260	52		1040	
Analyst	Rob Greene			Rob Greene			Rob Greene			Rob Greene			
Analysis Date	8/27/2012			8/27/2012			8/27/2012			8/27/2012			

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. :** 12F-10338
Project : Marcus HS **Report Date :** 08/27/2012 3:00 PM
Project # : 0112234 **Sample Date :** 08/22/2012
Sample Type: Spore Trap, Non-cultured **Spore Trap Type:** Zefon - Air-O-Cell
Test Method: Mold: ASTM D7391-09 - Standard Profile Page 3 of 26

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			7			8		
Location:	Principal's Office			Principal's Office, Conference Room			Room D106			Room D108		
Debris Rating:	5			5			4			4		
Media Expires On:	May 2013			May 2013			May 2013			May 2013		
Notes Included?:												
Volume:	150			150			150			150		
	raw ct.	MDL	spores/m ³	raw ct.	MDL	spores/m ³	raw ct.	MDL	spores/m ³	raw ct.	MDL	spores/m ³
Agaricus / Agrocybe												
Agrocybe	1	20.00	20									
Alternaria				1	20.00	20						
Ascospores				2	20.00	40						
Aspergillus / Penicillium	19	20.00	380	5	20.00	100	9	20.00	180	12	20.00	240
Asteromyces												
Basidiospores	8	20.00	160	7	20.00	140	3	20.00	60	13	20.00	260
Cercospora												
Chaetomium												
Cladosporium	7	20.00	140	9	20.00	180	4	20.00	80	4	20.00	80
Coprinus												
Curvularia	1	20.00	20									
Diatrypaceae												
Drechslera / Bipolaris group							1	20.00	20			
Epicoccum												
Fusarium												
Ganoderma												
Hyphal / Spore Fragments	21	20.00	420	11	20.00	220	12	20.00	240	8	20.00	160
Memnoniella												
Myxomycete / Rust / Smut	2	20.00	40				2	20.00	40	1	20.00	20
Nigrospora												
Non-specified Fungal Spore(s)												
Oidium												
Paecilomyces												
Periconia												
Peronospora												
Pestalotia												
Pithomyces												
Pollen												
Pyricularia												
Stachybotrys	1	20.00	20	1	20.00	20						

IAQ Mold Report

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

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 4 of 26

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.

Torula				1	20.00	20						
TOTALS	60	1200	37	740	31	620	38	760				
Analyst	Rob Greene			Rob Greene			Rob Greene			Rob Greene		
Analysis Date	8/27/2012			8/27/2012			8/27/2012			8/27/2012		

IAQ Mold Report

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. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 6 of 26

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.

TOTALS	50	1000	64	1280	37	740	24	480
Analyst	Rob Greene		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

Steve Moody Micro Services, LLC

Data Detail

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2051 Valley View Lane

AIHA EMPAT ID: 102577

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

Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 8 of 26

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.

TOTALS	36	720	48	960	22	440	11	220
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 10 of 26

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.

TOTALS	5	100	38	760	19	380	34	680
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

Steve Moody Micro Services, LLC

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2051 Valley View Lane

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

Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 12 of 26

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.

TOTALS	14	280	<1	20	<20	22	440	37	740
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012		

IAQ Mold Report

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 14 of 26

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.

TOTALS	38	760	6	120	23	460	14	280
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Data Detail

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 16 of 26

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.

TOTALS	12	240	21	420	25	500	170	3400
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Data Detail

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 18 of 26

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.

TOTALS	17	340	110	2200	22	440	16	320
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Client : Southwest Geoscience - Dallas, TX

Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 20 of 26

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.

TOTALS	26	520	16	320	30	600	6	120
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 22 of 26

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.

TOTALS	16	320	15	300	17	340	61	1220
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

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Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 24 of 26

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.

TOTALS	23	460	371	22840	364	18600	366	17868
Analyst	Rebecca Lutz		Rebecca Lutz		Rebecca Lutz		Rebecca Lutz	
Analysis Date	8/27/2012		8/27/2012		8/27/2012		8/27/2012	

IAQ Mold Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

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Lab Job No. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 26 of 26

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.

TOTALS	288	16179								
Analyst	Rebecca Lutz									
Analysis Date	8/27/2012									

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. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

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

This report consists of three sections; a summary section, a data detail section, and an analytical notes section. Results may not be reported except in full.

Samples Analyzed

Sample No: 1 : Principal's Office, Area A

Notes: 35% Occluded.

Sample No: 2 : Principal's Office, Area B

Notes: 40% Occluded.

Sample No: 3 : Principal's Office, Area C

Notes: 45% Occluded.

Sample No: 4 : Principal's Office, Reception

Notes: 35% Occluded.

Sample No: 5 : Principal's Office

Notes: 20% Occluded.

Sample No: 6 : Principal's Office, Conference Room

Notes: 20% Occluded.

Sample No: 12 : Room A106

Notes: 25% Occluded.

Sample No: 13 : Room A108

Notes: 25% Occluded.

Sample No: 20 : Room A205

Notes: 35% Occluded.

Sample No: 29 : Room B207

Notes: 25% Occluded.

Sample No: 33 : Room C207

Notes: 98% Occluded.

Sample No: 35 : Room C205

Notes: 25% Occluded.

Sample No: 45 : Room D202

Notes: 25% Occluded.

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. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 2 of 3

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 No: 46 : Exterior, East

Notes: Due to a high presence of Basidiospores, the Minimum Detection Limit is 67 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers. Due to a high presence of Cladosporium, the Minimum Detection Limit is 80 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers.

Sample No: 47 : Exterior, South

Notes: Due to a high presence of Cladosporium, the Minimum Detection Limit is 80 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers.

Sample No: 48 : Exterior, Southwest

Notes: Due to a high presence of Basidiospores, the Minimum Detection Limit is 57 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers. Due to a high presence of Cladosporium, the Minimum Detection Limit is 50 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers.

Sample No: 49 : Exterior, Northwest

Notes: Due to a high presence of Basidiospores, the Minimum Detection Limit is 57 spores / cubic meter for this fungal group. When comparing results to other samples, use calculated results, not raw numbers. Due to a high presence of Cladosporium, the Minimum Detection Limit is 67 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 ASTM D7391-09.

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. : 12F-10338

Project : Marcus HS

Report Date : 08/27/2012 3:00 PM

Project # : 0112234

Sample Date : 08/22/2012

Sample Type: Spore Trap, Non-cultured

Spore Trap Type: Zefon - Air-O-Cell

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

Page 3 of 3

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 12



Lab Job # 12F-10338 AOC 49
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas

of Samples: 49

Submitter / Company: Clint Jech

Sample Date: 8/22/2017

Project: Marcus HD

Project #: 0112234

Contact Information: Name: Clint Jech

Phone #: _____

E-mail Results to: Clint/Darren/Veronica

Mobile #: 972-989-1031

Invoice Address: Veronica

P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
1	Principals office Area A	150	H=50.3% T=34.1° M=6-8 Walls = Drywall/Sheetrock Above Ceiling =
2	Principals office Area B	150	H=49.0% T=74.8° M=8-10 Walls = Sheetrock/Drywall Above Ceiling =
3	Principals office Area C	150	H=49.6% T=74.7° M=6-10 Walls = Drywall/Sheetrock Above Ceiling =
4	Principals office, Reception	150	H=50.0% T=73.7° M=11-13 Walls = Drywall/Sheetrock Above Ceiling =

Released By:	Date / Time: <u>8/23/2017 1736</u>	Received By: <u>Spool</u>	Date / Time: <u>8/23/17 5:38 pm</u>
Released By: _____	Date / Time: _____	Received By: _____	Date / Time: _____

Chain of Custody

Page 2 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas
 Submitter / Company: Clint Jerk
 Project: _____
 Contact Information: Name: Clint Jerk
 E-mail Results to: Clint/Darren/Veronica
 Invoice Address: Veronica

of Samples: _____
 Sample Date: _____
 Project #: _____
 Phone #: _____
 Mobile #: 972-989-1031
 P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
5	Principals office	150	H=49.0% T=74.1° M=12-14 Walls = Drywall/Sheetrock Above Ceiling =
6	Principals office, conference room	150	H=49.2% T=73.9° M=10-15 Walls = Drywall/Sheetrock Above Ceiling =
7	Room 1104	150	H=41.5% T=74.8° M=10-11 Walls = Sheetrock/Drywall Above Ceiling =
8	Room D108	150	H=46.8% T=75.3° M=12-20 Walls = Sheetrock/Drywall

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

Chain of Custody

Page 3 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jerk Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jerk Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
			Above Ceiling =
9	Room D 110	150	H=49.6% T=73.9° M=15-70 Walls = Sheetrock/Drywall Above Ceiling = Concrete Deck
10	Room A 103	150	H=51.6% T=73.2° M=12-16 Walls = Drywall/Sheetrock Above Ceiling = Concrete Deck
11	Room A 103 105	150	H=53.6% T=73.2° M=11-12 Walls = Sheetrock/Drywall Above Ceiling = Concrete Deck

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

Chain of Custody

Page 4 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jerk Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jerk Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
12	Room A 106	150	H=58.0% T=73.5° M=10-12 Walls = Drywall/Sheetrock Above Ceiling =
13	Room A 108	150	H=58.8% T=72.6° M=12-15 Walls = Sheetrock/Drywall Above Ceiling = Concrete Deck
14	Room A 110	150	H=54.6% T=72.5° M=10-21 Walls = Sheetrock/Drywall/Cork Board Above Ceiling = Concrete Deck
15	Room B103	150	H=51.8% T=74.1° M=9-12 Walls = Sheetrock/Drywall Above Ceiling = Concrete Deck

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

Chain of Custody

Page 5 of 12



Lab Job # 12F-10328
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jech Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jech Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
16	Room B105	150	H=57.6% T=73.0° M=9-13 Walls = Drywall/ceiling Above Ceiling = Concrete Deck
17	Room C 104	150	H=51.7% T=74.8° M=9-14 Walls = Drywall/ceiling Above Ceiling = Concrete Deck
18	Room A202	150	H=51.8 % T=72.5° M=10-13 Walls = Sheetrock Above Ceiling =
19	Room A 203	150	H=54.2% T=71.9° M=9-13 Walls = Sheetrock

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

Chain of Custody

Page 6 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jech Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jech Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
			Above Ceiling
20	Room A-205	150	H=56.7' 1/2 T=72.5° M=13-70 Walls= Sheetrock Above Ceiling=
21	Room A-206	150	H=54.6' 1/2 T=72.6° M=12-90 Walls= Sheetrock Above Ceiling=
22	Room A-207	150	H=55.7' 1/2 T=72.8° M=12-90 Walls= Sheetrock Above Ceiling=
23	Room A-208	150	H=53.5' 1/2 T=73.9° M=12-15

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

Chain of Custody

Page 7 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate

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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jech Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jech Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
			Walls = Sheetrock
			Above Ceiling =
24	Room A 209	150	H=55.3% T=71.2° M=9-90
			Walls = Sheetrock
			Above Ceiling =
25	Room A 210	150	H=55.1% T=71.2° M=6-10
			Walls = Sheetrock
			Above Ceiling =
26	Room A 212	150	H=56.4% T=71.6° M=9-70
			Walls = Sheetrock
			Above Ceiling =

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

Chain of Custody

Page 8 of 12



Lab Job # 125-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability**

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: SWG Dallas # of Samples: _____
 Submitter / Company: Clint Jech Sample Date: _____
 Project: _____ Project #: _____
 Contact Information: Name: Clint Jech Phone #: _____
 E-mail Results to: Clint/Darren/Veronica Mobile #: 972-989-1031
 Invoice Address: Veronica P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
27	Room A 214	150	H=55.6% T=72.3° M= 10-70 Walls= Sheetrock Above Ceiling=
28	Room B 202	150	H=56.2% T=71.9° M= 10-14 Walls= Sheetrock Above Ceiling=
29	Room B 207	150	H=50.8% T= 73.4° M= 10-50 Walls= Sheetrock Above Ceiling=
30	Room B 211	150	H=53.0% T= 73.0° M= 10 Walls= Sheetrock Above Ceiling=

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

Chain of Custody

Page 9 of 12



Lab Job # 12F-10328
 Lab Job # _____
 Lab Job # _____

****Please call in advance for immediate, after-hour, & weekend pricing & availability****

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate

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

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 day

Billing Company / City: Southwest Geoscience - Dallas

of Samples: _____

Submitter / Company: Southwest Geoscience

Sample Date: _____

Project: _____

Project #: _____

Contact Information: Name: Darren Bowden/Veronica

Phone #: 214-364-8142

E-mail Results to: darren.bowden@southwestgeoscience.com and Veronica

Mobile #: 214-364-8142

Invoice Address: veronica.jackowski@southwestgeoscience.com

P.O. #: _____

***** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.*****

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
31	Room B 212	150	H=55.4' T=70.7' M= 10-90 Walls = Sheetrock Above Ceiling =
32	Room B 214 Storage	150	H=55.5' T=71.9' M= 10-60 Walls = Sheetrock Above Ceiling =
33	Room C 207	150	H=59.4' T=71.7' M= 10-14 Walls = Sheetrock / Crew Above Ceiling =
34	Room C 206	150	H=58.8' T=72.1' M= 12-90 Walls = Sheetrock

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



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: Southwest Geoscience - Dallas # of Samples: _____
Submitter / Company: Southwest Geoscience Sample Date: _____
Project: _____ Project #: _____
Contact Information: Name: Darren Bowden/Veronica Phone #: 214-364-8142
 E-mail Results to: darren.bowden@southwestgeoscience.com and Veronica Mobile #: 214-364-8142
 Invoice Address: veronica.jackowski@southwestgeoscience.com P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
			Above Ceiling =
35	Room C205	150	H=59.7% T=71.6° M=10-13 Walls = Sheetrock Above Ceiling =
36	Room C204	150	H=58.4% T=71.0° M=Back wall 90 Walls = Sheetrock Above Ceiling =
37	Room C203	150	H=58.2% T=71.4° M=East wall 90 Walls = Sheetrock Above Ceiling =
38	Room C202	150	H=57.7% T=70.8° M=South wall 90

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

Chain of Custody

Page 11 of 12



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

****Please call in advance for immediate, after-hour, & weekend pricing & availability****

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: Southwest Geoscience - Dallas # of Samples: _____
Submitter / Company: Southwest Geoscience Sample Date: _____
 Project: _____ Project #: _____
Contact Information: Name: Darren Bowden/Veronica Phone #: 214-364-8142
 E-mail Results to: darren.bowden@southwestgeoscience.com and Veronica Mobile #: 214-364-8142
 Invoice Address: veronica.jackowski@southwestgeoscience.com P.O. #: _____

***** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.*****

Notes: _____

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
			Walls = Sheetrock Above Ceiling =
39	Room C201	150	Wt. H = 53.8 % T = 70.5° M = 10-11 Walls = Sheetrock Above Ceiling =
40	Room D208	150	H = 55.9% T = 70.3° M = 9-14 Walls = Sheetrock Above Ceiling =
41	Room D206	150	H = 54.8% T = 69.9° M = 6-10 Walls = Calc / Sheetrock Above Ceiling =

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

Chain of Custody



Lab Job # 12F-10338
 Lab Job # _____
 Lab Job # _____

****Please call in advance for immediate, after-hour, & weekend pricing & availability****

ASBESTOS PLM

Bulk 1 day 2 day 3 day 5 day Immediate
 Analyze All Positive Stop

LEAD Paint / Soil / Wipe 1 day 2 day 3 day 5 day Immediate
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

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 day

Billing Company / City: Southwest Geoscience - Dallas # of Samples: _____
Submitter / Company: Southwest Geoscience Sample Date: _____
Project: _____ Project #: _____
Contact Information: Name: Darren Bowden/Veronica Phone #: 214-364-8142
E-mail Results to: darren.bowden@southwestgeoscience.com and Veronica Mobile #: 214-364-8142
Invoice Address: veronica.jackowski@southwestgeoscience.com P.O. #: _____

*** Please review paperwork and samples before submitting to lab. Uncontained / improperly packaged samples or excessive administrative requests may incur additional fees.***

Notes: #47, 48, 49 are on the back of this page.

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
42	Room D211	150	H=53.4' T=69.9° M=10-12 Walls = Sheetrock Above Ceiling =
43	Room D209	150	H=53.8' T=70.1° M=8-10 Walls = Sheetrock Above Ceiling =
44	Room D204	150	H=54.1' T=70.3° M=6-11 Walls = Sheetrock Above Ceiling =
45	Room D202	150	H=52.8' T=71.4° M=12-14 Walls = Sheetrock Above Ceiling =

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

46 Exterior, East 75

H = 60.5 % T = 77.9 m =
 Walls =
 Above Ceiling =

47 Exterior, South 75

H = 48.2 % T = 82.4 m =
 Walls =
 Above Ceiling =

48 Exterior, Southwest 75

H = 39.7 % T = 94.2

49 Exterior, Northwest 75

H = 37.5 % T = 87.4 *

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 single-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.
