



Aladdin Environmental LLC

321 W. Josephine * San Antonio, TX 78212 * 210-736-1826x218 * Fax 210-732-3667
John Spalten – Texas Mold Assessment Consultant MAC0383

May 27, 2008

San Antonio Housing Authority
Attn: Bart Swider, Mirasol Project Manager
459 Precious Street
San Antonio, TX 78237

Re: 710 Matthews, San Antonio, TX

Dear Mr. Swider:

Aladdin Environmental is pleased to submit this environmental evaluation on the above residence located at 710 Matthews, San Antonio, TX. This limited evaluation was performed on May 22nd, 2008. We have observed the standard of care generally exercised by the profession under similar circumstances and conditions to complete this report.

Mold spores are common in indoor environments. It is not the presence of molds in indoor air that is cause for concern. However, the amplification and dissemination of fungal spores in elevated levels can decrease indoor air quality and lead to adverse health effects.

On the following page, are the samples taken along with any observations and/or suggestions. Based on observations and lab results there is no evidence of microbial contamination. The lab results show the air samples to be within generally accepted guidelines, with more detail on the following page. The actual report provided by the lab is included as well.

The indoor air quality evaluation observations and testing results detailed in this report are for a single sampling episode. Any changes in ambient conditions may have an effect on future conditions. Moisture control is the key to mold control.

We appreciate the opportunity to perform this service for you. Please contact me if you have any further questions.

Sincerely,

John Spalten
MAC0383

Enc: Lab Report

Analyses of the laboratory samples taken along with observations and/or suggestions are as follows:

Air Samples

A1 – Outside

- Sample taken for comparison.

A2 – Kitchen/Living

- Lab results show counts of several types of mold at very low levels. The overall count is much lower than the outside count.

A3 – Hall @ Bedrooms

- Lab results show counts of one type of mold at a very low level. The overall count is much lower than the outside count.

Swab Samples

S1 – Living Room – window

- Lab results indicate "low to rare" counts of various mold types. The low to rare counts are within generally accepted guidelines. A recommendation has been made below.

General Recommendations and/or Observations

- Inspected areas throughout the house. The house was considered fair to poor in cleanliness.
- Walls were checked around plumbing fixtures, windows and other possible moisture sources using a moisture meter and all readings were normal
- The HVAC unit, supply ductwork and registers appear to have recently been replaced.
- Kitchen – The cabinet shelf below the sink showed signs of water damage, but no elevated moisture. The window showed signs of dirt/debris.
 - Recommend the shelf below the sink be removed & replaced.
 - Recommend the window and sill be cleaned and sanitized.
 - Recommend the window be maintained to prevent moisture and debris buildup.
- Living – The window showed signs of dirt/debris. The swab sample showed various types of mold growth, all at low to rare levels.
 - Recommend the window and sill be cleaned and sanitized.
 - Recommend the window be maintained to prevent moisture and debris buildup.
- Baseboards – throughout – showed signs of dirt/debris and should be cleaned and maintained.



EMSL Analytical, Inc.

2501 Central Parkway, Suite C-17 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645

Email: houstonlab@emsl.com

Attn: John Spalten
Aladdin Environmental LLC
321 W. Josephine
San Antonio, TX 78212

EMSL Order: 150802743
Customer ID: ALLA22
Received: 5/23/08
Analyzed: 5/23/08
Report Date: 5/23/08

Proj: SAHA-710MAT

Air-O-Cell(™) Cassette Analysis of Fungal Spores & Other Airborne Particulates by Optical Microscopy (EMSL Method M001)

Lab Sample Number:	150802743-0001	150802743-0002	150802743-0003		
Client Sample ID:	A1	A2	A3		
Volume (L):	75	75	75		
Sample Location:		Kitchen/Living	Hall @ B/R's		
Spore Types	Count/m ³	Count/m ³	Count/m ³		
Agrocybe/Coprinus	-	-	-		
Alternaria	126	42	-		
Ascospores	2860	-	84		
Aspergillus/Penicillium	168	-	-		
Basidiospores	126	-	-		
Bipolaris	42	-	-		
Chaetomium	-	-	-		
Cladosporium	5420	84	-		
Curvularia	42	-	-		
Epicoccum	-	-	-		
Fusarium	-	-	-		
Ganoderma	-	-	-		
Myxomycete	84	-	-		
Paecilomyces	-	-	-		
Rust	-	-	-		
Scopulariopsis	-	-	-		
Stachybotrys	-	-	-		
Torula	-	42	-		
Ulocladium	-	-	-		
Unidentifiable Spores	84	-	-		
Zygomycetes	-	-	-		
Spegazzinia	42	-	-		
Total Fungi	8990	168	84		
Fibrous Particulate	-	-	-		
Hyphal Fragment	-	-	-		
Insect Fragment	-	-	-		
Pollen	-	-	-		
Analyt. Sensitivity 600x	42	42	42		
Analyt. Sensitivity 300x	13*	13*	13*		
Skin Fragments (1-4)	1	1	1		
Background (1-5)	1	1	1		

No discernable field blank was submitted with this group of samples.
AIHA EMLAP Accreditation #102575

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. Results have not been adjusted for field or laboratory blank unless otherwise noted. Samples received in good condition unless otherwise noted.

spv2.7.7.8

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com

Melanie Beck

js



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Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Swab Samples (EMSL Method: M041)

Lab Sample Number:	150802743-0004			
Client Sample ID:	S1			
Sample Location:	L/R-Window			
Spore Types	Category			
Agrocybe/Coprinus	-			
Alternaria	Low			
Ascospores	Rare			
Aspergillus/Penicillium	Rare			
Basidiospores	-			
Bipolaris	-			
Chaetomium	-			
Cladosporium	Low			
Curvularia	-			
Epicoccum	Rare			
Fusarium	-			
Ganoderma	-			
Myxomycete	-			
Paecilomyces	-			
Rust	-			
Scopulariopsis	-			
Stachybotrys	-			
Torula	Rare			
Ulocladium	-			
Unidentifiable Spores	Rare			
Zygomycetes	-			
Pithomyces	Low			
Fibrous Particulate	-			
Hyphal Fragment	-			
Insect Fragment	Rare			
Pollen	-			

Category: Count/per area analyzed Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

No discernable field blank was submitted with this group of samples.

* Sample contains fruiting structures and/or hyphae associated

Melanie Beck

AIHA EMLAP Accreditation #102575

Samples were received in good condition unless otherwise noted on this report. EMSL Analytical maintains liability limited to cost of analysis. Interpretation of the data contained in this report is the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL Analytical. EMSL Analytical bears no responsibility for the sample collection activities or analytical method limitations.

Dir-Ver1.7.8.7

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com

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yes

S1	L/R-Window	SWAB	1 sq cm	M041	24 Hr

*See attached schedule

Relinquished by: *John Spalten*

Date: *5-22-08* Time: *10:15 A*

Received by: *Melanie Beck*

Date: *5/23/08* Time: *9:00 am*

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