



# Aladdin Environmental LLC

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

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August 20, 2008

San Antonio Housing Authority  
Attn: Edward Pape, Mirasol Project Manager  
459 Precious Street  
San Antonio, TX 78237

Re: 619 Villa Linda, San Antonio, TX

Dear Mr. Pape:

Aladdin Environmental is pleased to submit this environmental evaluation on the above residence located at 619 Villa Linda, San Antonio, TX. This limited evaluation was performed on August 18<sup>th</sup>, 2008 and was a follow-up on the report dated June 16<sup>th</sup>, 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. The recommendations in the June 16<sup>th</sup> report have all been completed. Based on observations, there was no evidence of water damage or microbial growth. The lab results indicate the air samples to be within generally accepted guidelines. This house was vacant during the inspection.

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 reserve the right to amend or modify our stated opinions and conclusion if additional discovery material is provided or otherwise obtained.

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 outside for comparison.

##### A2 – Kitchen/Living

- Lab results show counts of various types of mold, all lower or within a reasonable variance from the outside counts. The individual counts are very low. The overall count is much lower than the outside count.

##### A3 – Hall @ Bedrooms

- Lab results show counts of various types of mold, all lower or within a reasonable variance from the outside counts. The individual counts are very low. The overall count is much lower than the outside count.

##### A4 – Garage

- This sample was taken to confirm the garage was not a potential source of microbial activity. Lab results show similar to lower counts than the outside sample. This area is outside of conditioned air and living space.

#### General Recommendations and/or Observations

- Inspected areas throughout the house. The house was vacant and considered in clean housekeeping condition.
- Walls were checked around plumbing fixtures, windows and other possible moisture sources using a moisture meter and all readings were normal.
- Kitchen –
  - The shelf below the sink has been replaced.
  - The window and sill has been cleaned.
- Living - Dirt/debris around the edge of the window.
  - The window and sill has been cleaned.
- Hallway –
  - The base backing the Master Tub/Shower did not show signs of water damage and the materials appear to have been replaced and the issue corrected.
- Two Bedroom's – New windows have been installed.
  - The perimeter of the windows has been caulked and is clean.
- Master Bedroom – Dirt/debris around the edge of the window and water spots on the sill.
  - The perimeter of the windows has been caulked and is clean.
- Master Bath – All appears to be o.k.
- Overall –
  - The carpet has been replaced throughout.

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

EMSL Order: 150804365  
Customer ID: ALLA22  
Received: 8/19/08  
Analyzed: 8/19/08  
Report Date: 8/19/08

Proj: SAHA-619VIL

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

Lab Sample Number:	150804365-0001	150804365-0002	150804365-0003	150804365-0004	
Client Sample ID:	A1	A2	A3	A4	
Volume (L):	75	75	75	75	
Sample Location:	Outside	Kitchen/Living	Hall @ B/R's	Garage	
Spore Types	Count/m <sup>3</sup>	Count/m <sup>3</sup>	Count/m <sup>3</sup>	Count/m <sup>3</sup>	
Agrocybe/Coprinus	-	-	-	-	
Alternaria	-	13*	126	-	
Ascospores	672	126	-	672	
Aspergillus/Penicillium	-	-	-	-	
Basidiospores	1600	84	42	798	
Bipolaris	-	42	84	42	
Chaetomium	-	-	-	-	
Cladosporium	378	42	-	126	
Curvularia	13*	84	126	-	
Epicoccum	-	-	-	-	
Fusarium	-	-	-	-	
Ganoderma	-	42	-	-	
Myxomycete	42	-	42	42	
Paecilomyces	-	-	-	-	
Rust	-	-	42	-	
Scopulariopsis	-	-	-	-	
Stachybotrys	-	-	-	-	
Torula	-	-	-	-	
Ulocladium	-	-	-	-	
Unidentifiable Spores	-	-	-	-	
Zygomycetes	-	-	-	-	
Nigrospora	-	-	42	-	
<b>Total Fungi</b>	<b>2710</b>	<b>433</b>	<b>504</b>	<b>1680</b>	
Fibrous Particulate	-	-	-	-	
Hyphal Fragment	-	-	-	-	
Insect Fragment	-	-	-	-	
Pollen	-	-	-	-	
Analyt. Sensitivity 600x	42	42	42	42	
Analyt. Sensitivity 300x	13*	13*	13*	13*	
Skin Fragments (1-4)	1	1	1	1	
Background (1-5)	1	2	3	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](http://www.emsl.com)

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*Melanie Beech*



# Chain of Custody

## Environmental Microbiology Lab Services

EMSL Analytical, Inc.  
 Suite C-17  
 2501 Central Parkway  
 Houston, TX 77092  
 Phone: (713) 686-3635  
 Fax: (713) 686-3645  
 http://www.emsl.com

Please print all information legibly.

150804365

<b>Company:</b>	Aladdin Environmental LLC	<b>Bill To:</b>	Aladdin Environmental LLC
<b>Address1:</b>	321 W. Josephine	<b>Address1:</b>	321 W. Josephine
<b>Address2:</b>		<b>Address2:</b>	
<b>City, State:</b>	San Antonio, TX	<b>City, State:</b>	San Antonio, TX
<b>Zip/Post Code:</b>	78212	<b>Zip/Post Code:</b>	78212
<b>Country:</b>		<b>Country:</b>	
<b>Contact Name:</b>	John Spalten	<b>Attn:</b>	John Spalten
<b>Phone:</b>	210-736-1826	<b>Phone:</b>	210-736-1826
<b>Fax:</b>	2107323667	<b>Fax:</b>	2107323667
<b>Email:</b>	johns@aladdincleans.com	<b>Email:</b>	johns@aladdincleans.com
<b>EMSL Rep:</b>		<b>P.O. Number:</b>	
<b>Project Name/Number:</b> SAHA-619VIL			

Project Name SAHA - 619VIL Date Collected 8-18-08 Date Sent 8-18-08

**Other Information:**

<i>For EMSL use only</i>
EMSL Order No. _____
Sample(s) received in good condition? [Y] [N]
Discernable field blank submitted? [Y] [N]

Sample ID	Sample Location	Sample Type	Volume (liters), Area (sq. cm), or Weight (grams)	Analysis Code*	Turn-around Time*	Comments <i>Temp / RH%</i>
A1	OUTSIDE	AIR	FSL	M001	24 HR	89° / 56%
A2	KITCHEN/LIVING					82° / 60%
A3	HALL @ B/R's					82° / 59%
A4	GARAGE					83° / 68%

\*See attached schedule

Relinquished by: John Spalten Date: 8-18-08 Time: 2:30 p  
 Received by: [Signature] Date: 8/19/08 Time: 9:00 am  
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