



Aladdin Environmental LLC

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John Spalten – Texas Mold Assessment Consultant MAC0383

May 29, 2008

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

Re: 131 Villa Grande, San Antonio, TX

Dear Mr. Swider:

Aladdin Environmental is pleased to submit this environmental evaluation on the above residence located at 131 Villa Grande, San Antonio, TX. This limited evaluation was performed on May 27, 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 there was no evidence of microbial growth. The lab results indicate the air samples are within acceptable guidelines. It should be noted that there was a small area of wet carpet in the hallway leading into the Hall Bath (between the A/C unit & the utility closet) that should be investigated further.

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

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

A3 – Living @ A/C return

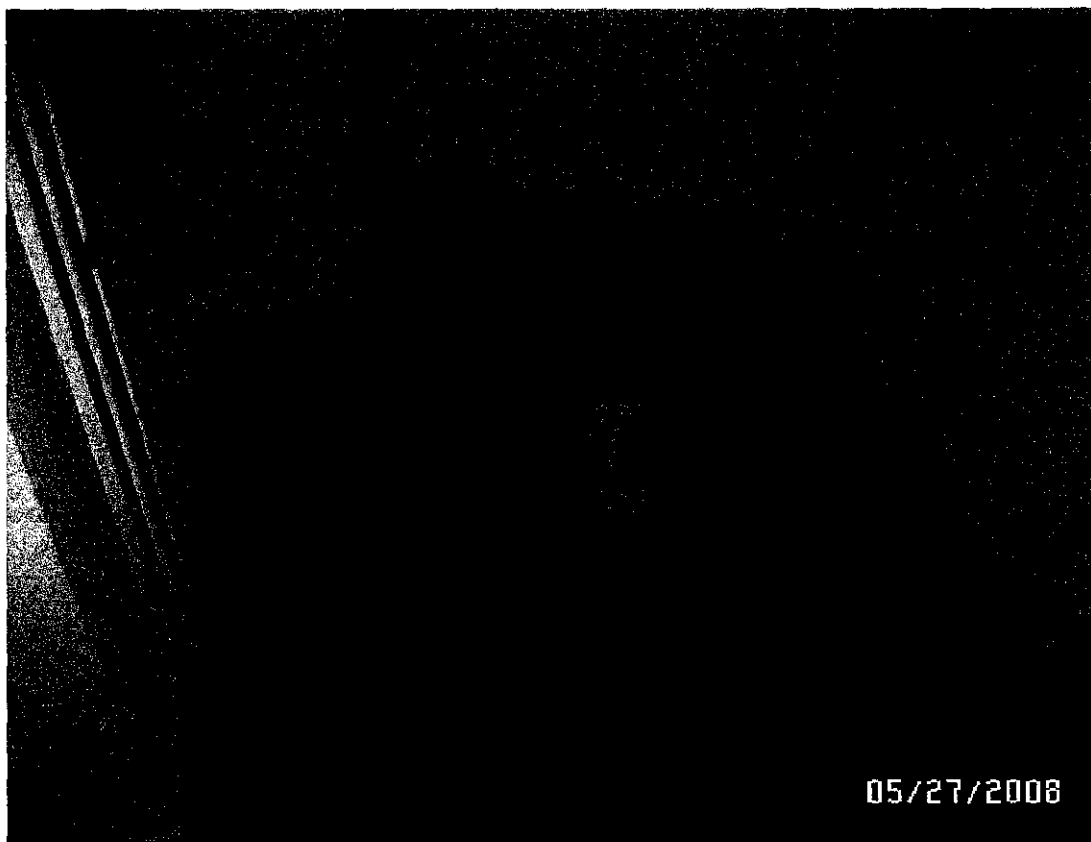
- Lab results show counts of several types of mold, but all lower than the outside counts or within a reasonable variance. The various counts are very low. The overall count is much lower than the outside count.

A4 – Hall @ Bedrooms

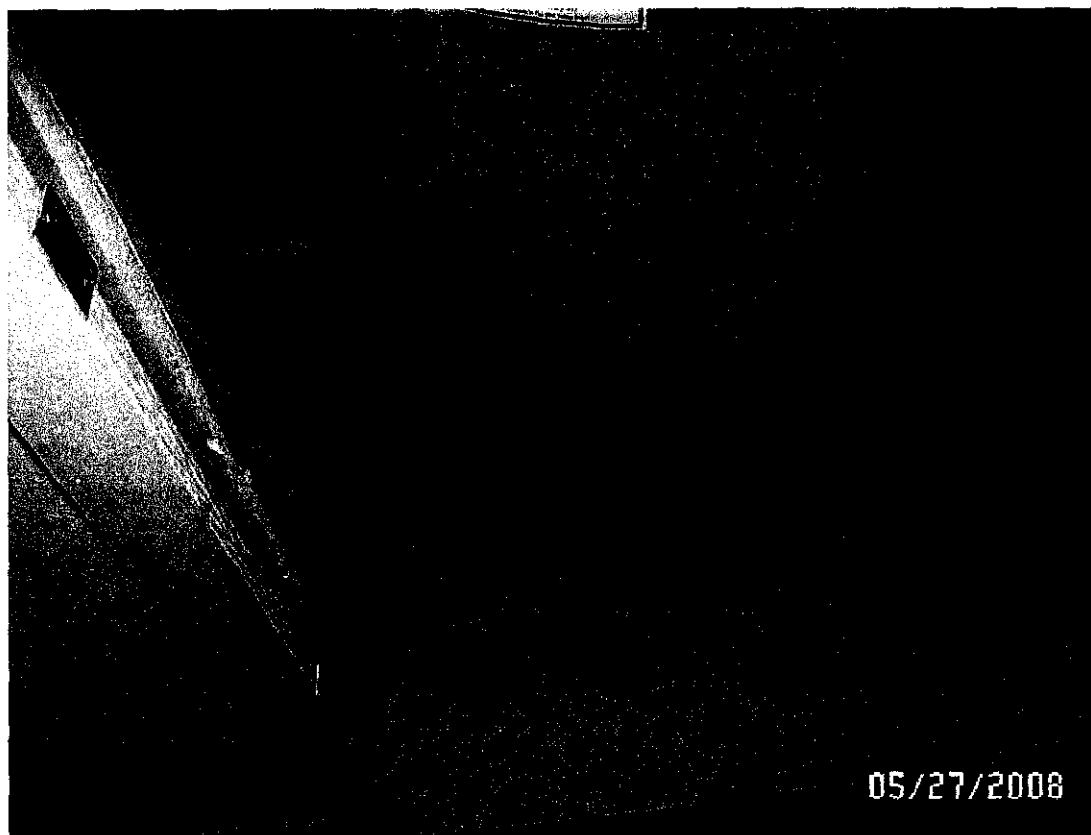
- Lab results show counts of several types of mold, but all lower than the outside counts or within a reasonable variance. The overall count is much lower than the outside count.

General Recommendations and/or Observations

- Inspected areas throughout the house, with the exception of the Master Bedroom & Bath per the homeowner's request. The house was considered clean.
- Walls were checked around plumbing fixtures, windows and other possible moisture sources using a moisture meter and all readings were normal, with the exception of the carpet in the small hall area in front of the hall bath.
- Kitchen – The shelf below the sink showed minor water marks, but no damage.
- Living – A small area of carpet (approx. 1'x 2') indicated wet on a moisture meter. The area next to the utility closet, the bath entrance & A/C unit/water heater all showed dry. There were no indications the moisture came from any of those other areas. The homeowner states the carpet feels "damp" sometimes (since the new A/C unit was installed) and checks around the A/C but has not noticed any moisture.
 - Recommend the carpet be pulled up to inspect the slab or help determine the source of the moisture. A plumber may need to perform a check if there is any plumbing in that area.
 - It is possible that the cause is a pet issue. Pet stains can give a false positive on a moisture meter.
- Bedrooms – The 2 bedrooms have had the windows recently replaced according to the homeowner.
 - Recommend caulking around the interior of the windows.
- Master Bedroom & Bath – no access to this area per the homeowner request. Homeowner states "everything is fine" in this area.



Hall - carpet that indicated wet on moisture meter



Water Heater closet - no signs of moisture. Moisture sensor on ground with auto cut-off.



EMSL Analytical, Inc.

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

EMSL Order: 150802790
Customer ID: ALLA22
Received: 5/28/08
Analyzed: 5/28/08
Report Date: 5/29/08

Proj: SAHA-131VIL

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

Lab Sample Number:	150802790-0001	150802790-0002	150802790-0003	150802790-0004	
Client Sample ID:	A1	A2	A3	A4	
Volume (L):	75	75	75	75	
Sample Location:	Outside	Kitchen	Living @ A/C-R/T	Hall @ B/R's	
Spore Types	Count/m ³	Count/m ³	Count/m ³	Count/m ³	
Agrocybe/Coprinus	-	-	-	-	
Alternaria	84	42	126	42	
Ascospores	672	42	84	84	
Aspergillus/Penicillium	-	-	-	-	
Basidiospores	-	42	42	-	
Bipolaris	-	42	42	42	
Chaetomium	-	-	-	-	
Cladosporium	1090	210	126	126	
Curvularia	-	42	-	-	
Epicoccum	-	-	42	42	
Fusarium	-	-	-	-	
Ganoderma	-	-	-	-	
Myxomycete	168	42	84	42	
Paecilomyces	-	-	-	-	
Rust	-	42	42	42	
Scopulariopsis	-	-	-	-	
Stachybotrys	-	-	-	-	
Torula	84	-	-	-	
Ulocladium	-	-	-	-	
Unidentifiable Spores	-	-	-	-	
Zygomycetes	-	-	-	-	
Pithomyces	-	-	42	-	
Total Fungi	2100	504	630	420	
Fibrous Particulate	-	-	-	-	
Hyphal Fragment	84	84	84	42	
Insect Fragment	42	-	-	-	
Pollen	-	-	-	-	
Analyt. Sensitivity 600x	42	42	42	42	
Analyt. Sensitivity 300x	13*	13*	13*	13*	
Skin Fragments (1-4)	1	1	1	2	
Background (1-5)	2	1	2	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.

SPV2.7.8

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

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Melanie Beck