



Aladdin Environmental LLC

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

June 16, 2008

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

Re: 139 Villa Arboles, San Antonio, TX

Dear Mr. Swider:

Aladdin Environmental is pleased to submit this environmental evaluation on the above residence located at 139 Villa Arboles, San Antonio, TX. This limited evaluation was performed on June 12th, 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 evidence of minor microbial growth on the bedroom window. The lab results indicate the air samples are slightly elevated. The actual lab results are 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 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 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 – Hall @ Bedrooms

- Lab results show counts of several types of mold, with some being higher than the outside counts. The overall count is slightly higher than the outside count.

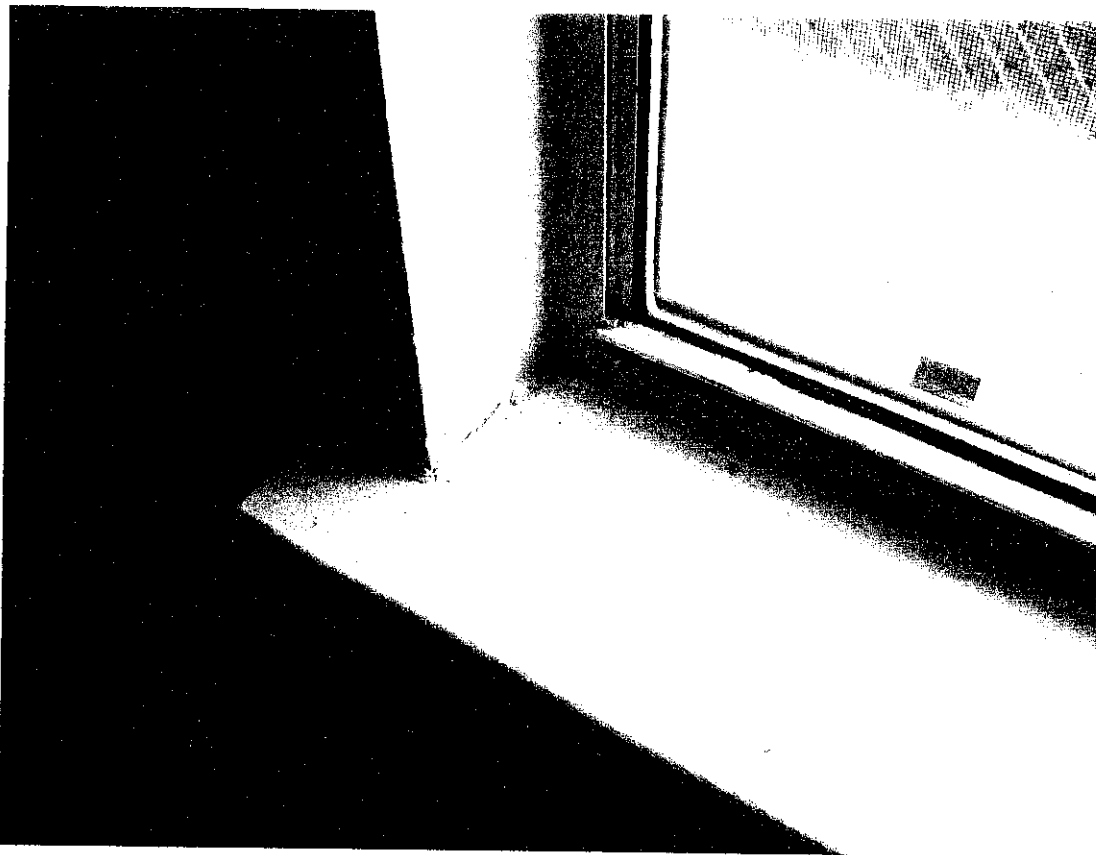
Swab Samples

S1 – Bedroom – 1st on right - window

- This sample was taken on the edge of the window. Lab results indicate a “Low to Rare” count of various spore types in the sample taken. Please see the recommendations below.

General Recommendations and/or Observations

- Inspected areas throughout the house. The house was vacant and considered in clean housekeeping condition. There was new paint and carpet throughout.
- Walls were checked around plumbing fixtures, windows and other possible moisture sources using a moisture meter and all readings were normal.
 - Kitchen – All appears o.k
- Living - Dirt/debris/possible microbial growth around the edge of the window. The HVAC system and ductwork has not been changed out. This would appear to be the cause of the elevated counts in the air samples.
 - Recommend removing & replacing the caulk and cleaning around the perimeter of the window and sill.
 - Recommend the replacement of the HVAC unit and ductwork.
- Two Bedroom's – There is dirt/debris around the perimeter of the windows.
 - Recommend removing & replacing the caulk and cleaning around the perimeter of both windows.



Living - window



Bedroom - window

JKS



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: 150803133
Customer ID: ALLA22
Received: 6/13/08
Analyzed: 6/16/08
Report Date: 6/16/08

Proj: SAHA-139VIL

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

| Lab Sample Number: | 150803133-0001 | 150803133-0002 | 150803133-0003 | | |
|--------------------------|----------------------|----------------------|----------------------|--|--|
| Client Sample ID: | A1 | A2 | A3 | | |
| Volume (L): | 75 | 75 | 75 | | |
| Sample Location: | Outside | Kitchen/Living | Hall @ B/R's | | |
| Spore Types | Count/m ³ | Count/m ³ | Count/m ³ | | |
| Agrocybe/Coprinus | - | - | - | | |
| Alternaria | 42 | 42 | 126 | | |
| Ascospores | 294 | 126 | - | | |
| Aspergillus/Penicillium | - | - | 84 | | |
| Basidiospores | 42 | 13* | 42 | | |
| Bipolaris | 42 | 13* | 84 | | |
| Chaetomium | - | - | 13* | | |
| Cladosporium | 252 | 420 | 966 | | |
| Curvularia | - | 42 | 26* | | |
| Epicoccum | 13* | 13* | 26* | | |
| Fusarium | - | - | - | | |
| Ganoderma | - | - | - | | |
| Myxomycete | 210 | - | - | | |
| Paecilomyces | - | - | - | | |
| Rust | - | - | - | | |
| Scopulariopsis | - | - | - | | |
| Stachybotrys | - | - | - | | |
| Torula | - | 42 | - | | |
| Ulocladium | - | 84 | 42 | | |
| Unidentifiable Spores | - | - | - | | |
| Nigrospora | 42 | - | - | | |
| Periconia | 42 | - | 84 | | |
| Pithomyces | - | 13* | - | | |
| Spegazzinia | - | 13* | - | | |
| Total Fungi | 979 | 821 | 1490 | | |
| Fibrous Particulate | - | - | - | | |
| Hyphal Fragment | - | 168 | 168 | | |
| Insect Fragment | - | - | - | | |
| Pollen | 84 | 42 | 42 | | |
| Analyt. Sensitivity 600x | 42 | 42 | 42 | | |
| Analyt. Sensitivity 300x | 13* | 13* | 13* | | |
| Skin Fragments (1-4) | 1 | 1 | 1 | | |
| Background (1-5) | 1 | 1 | 2 | | |

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

Page 1 of 1

Melanie Beck

JS



EMSL Analytical, Inc.

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

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

EMSL Order: 150803133
Customer ID: ALLA22
Received: 6/13/08
Analyzed: 6/16/08
Report Date: 6/16/08

Proj: SAHA-139VIL

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

| | | | | | |
|-------------------------|-----------------|--|--|--|--|
| Lab Sample Number: | 150803133-0004 | | | | |
| Client Sample ID: | S1 | | | | |
| Sample Location: | B/R #1-window | | | | |
| Spore Types | Category | | | | |
| Agrocybe/Coprinus | - | | | | |
| Alternaria | Low | | | | |
| Ascospores | - | | | | |
| Aspergillus/Penicillium | - | | | | |
| Basidiospores | - | | | | |
| Bipolaris | - | | | | |
| Chaetomium | - | | | | |
| Cladosporium | Rare | | | | |
| Curvularia | Rare | | | | |
| Epicoccum | - | | | | |
| Fusarium | - | | | | |
| Ganoderma | - | | | | |
| Myxomycete | - | | | | |
| Paecilomyces | - | | | | |
| Rust | - | | | | |
| Scopulariopsis | - | | | | |
| Stachybotrys | - | | | | |
| Torula | - | | | | |
| Ulocladium | Low | | | | |
| Unidentifiable Spores | Rare | | | | |
| Zygomycetes | - | | | | |
| Nigrospora | Rare | | | | |
| Fibrous Particulate | Rare | | | | |
| Hyphal Fragment | Low | | | | |
| Insect Fragment | - | | | | |
| 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

JS

Chain of Custody

Environmental Microbiology Lab Services

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2501 Central Parkway
Houston, TX 77092
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Fax: (713) 686-3645
http://www.emsl.com

Please print all information legibly

10/30/03

| | | | |
|--|---------------------------|-----------------------|---------------------------|
| Company: | Aladdin Environmental LLC | Bill To: | Aladdin Environmental LLC |
| Address1: | 321 W. Josephine | Address1: | 321 W. Josephine |
| Address2: | | Address2: | |
| City/State: | San Antonio, TX | City/State: | San Antonio, TX |
| Zip/Post Code: | 78212 | Zip/Post Code: | 78212 |
| Country: | | Country: | |
| Contact Name: | John Spalten | Att: | John Spalten |
| Phone: | 210-736-1826 | Phone: | 210-736-1826 |
| Fax: | 2107323667 | Fax: | 2107323667 |
| Email: | johns@aladdincleans.com | Email: | johns@aladdincleans.com |
| EMSL Rep: | | P.O. Number: | |
| Project Name/Number: SA11A-139V11 | | | |

Project Name SA11A-139V11 Date Collected 10/30/03 Date Sent 10/27/03

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 |
|-----------|------------------|-------------|---|----------------|-------------------|-----------|
| A1 | ORLSTON | AIR | 75L | 100L | 24 HR | 70% / 91% |
| A2 | KITCHEN / Dining | | | | | 80% / 50% |
| A3 | HALL & BIL'S | | | | | 80% / 53% |
| S1 | B/R #1 - window | SWAB | 1 swab | 1041 | 24 HR | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

*See attached schedule

Relinquished by: John Spalten Date: 10/28/03 Time: 1:10 PM
 Received by: W.P. Lusk Jr. Date: 10/28/03 Time: 1:30 PM
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JES