



Astex Environmental Services, Inc.

123 Catalpa · San Antonio, TX 78209

Phone: (210) 828-9800 · Fax: (210) 829-4927

#1

March 27, 2008

Mr. Lucas Oliva
Design Manager Real Estate Services
San Antonio Housing Authority
818 S. Flores
San Antonio, Texas 78204
Phone: (210) 477-6004
Email: lucas_oliva@saha.org

RE: Limited Mold Inspection, 1702 Villa Placer, San Antonio, Texas
Astex Project #AES-08-J- 4777

Dear Mr. Oliva:

Pursuant to your request, on March 21, 2008, Mr. Ron Greenberg of Astex Environmental Services, Inc. (AES), Texas Department of State Health Services (TDSHS) Mold Assessment Consultant MAC 0509 conducted a Limited Mold Inspection within the vacant home at 1702 Villa Placer, San Antonio, Texas to investigate the general microbial conditions in the home.

Scope of Work

The scope of work for this limited inspection included the collection of the following samples:

- Air samples (Allergenco brand cassettes) were collected in the following locations for the analysis of Total Bioaerosols:
 1. inside – kitchen / living room - 1 sample
 2. inside – 2nd floor hall left of HVAC - 1 sample
 3. inside – 2nd floor right front bedroom/hall – 1 sample

4. outside comparison/control samples - 2 samples

Note: These samples were delivered to the contract lab, Crisp Analytical Laboratories, LLC, 2081 Hutton Dr., Carrollton, Texas 75006, for analyses in accordance with the American Industrial Hygiene Association (AIHA) Environmental Microbiology Laboratory Accreditation Program (EMLAP) as well as following the Food and Drug Administration (FDA) Good Laboratory Practice Guidelines.

Visual and Moisture Inspection Results

No visible mold and/or evidence of water intrusion were observed within the house or garage and no indications of moisture within the wall materials were noted. The residence was already in "move in" condition at the time of the inspection.

Temperature and Humidity Levels

Temperature readings within the house were from 66.2 to 71.0 degrees Fahrenheit and humidity was noted to be between 37.2 to 42.4 percent

Analytical Results

The Allergenco air samples were collected by Astex personnel on the morning of March 5, 2008 and were delivered to the contract lab for analysis of total bioaerosols with the results being made a part of this report. The data generated in this report is based on the samples and accompanying information provided and represents concentrations at a point in time under the conditions sampled. Keep in mind, sample values fluctuate widely and single point-in-time samples can be highly variable.

Currently, there are no regulations, federal or state, establishing action limits for mold spores and mold particulates in indoor air. Also, there are no species of molds identified to be hazards to public health. Current practice is to compare interior to exterior samples, noting the species present and the contrasting levels of spores and particle.

Allergenco (air):

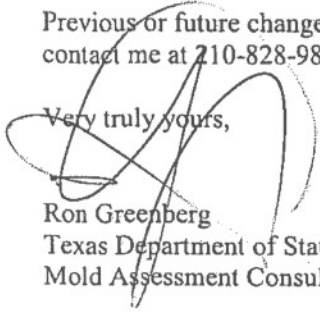
- Moderate levels of Total Bioaerosols (1,776 to 2,544 count/M³) were identified in the three interior samples as compared with the outside control samples (4,512 and 5,856 count/M³) and all three samples contained generally the same qualitative mix of fungi with *Cladosporium* being the most dominant.
- No *Stachybotrys* spores and no *Aspergillus/Penicillium*-like spores were identified within the indoor air.

Conclusions/Recommendations

- **Fungal spore counts were below the outside levels on the day of sampling and the distribution of spores was typical of the outdoor air therefore no further action is indicated.**

Previous or future changes in mold concentrations cannot be inferred from these sample results. Please contact me at 210-828-9800 with any questions.

Very truly yours,



Ron Greenberg
Texas Department of State Health Services (TDSHS)
Mold Assessment Consultant No. MAC 0509

Attachments: Chain of Custody and Laboratory Results

Crisp Analytical Labs, L.L.C / C.A. Labs, L.L.C. / Crisp Analytical Labs at Houston, L.L.C.

Client: Astex Inc. Allergenic Particle Report CA Lab Project #: CAL08031962 Date:03/24/08
 Address: 123 Catalpa San Antonio, TX 7820 Analysis: Light Microscopy identificaton of pollen/fungal spore per CA Labs Air-o-cell method Project name: SAHA-1702 Villa Placer AES-08-J-4777 page #1
 Attn: Ron Greenberg Sample media : Air-o-cell / Cyclex D (airborne)

Sample #	4777-01			4777-02			4777-01			4777-02			4777-03					
	Location	Outside - Front		Outside - Rear		Inside Kilch/LR			Inside - 2nd Floor Hall L BR			Inside 2nd Floor R BR						
Volume	75			75			75			75			75					
Alternaria	14	192	3.3	4	48	1.1							4	48	1.9			
Ascomycetes	18	240	4.1	14	192	4.3	4	48	2.7	4	48	2.5	14	192	7.5			
Basidiomycetes	11	144	2.5	7	96	2.1	4	48	2.7				4	48	1.9			
Botrytis																		
Chaetomium																		
Cladosporium	346	4,608	78.7	281	3,744	83.0	126	1,680	94.5	126	1,680	87.5	162	2,160	84.9			
Curvularia	7	96	1.6	4	48	1.1				14	192	10.0	7	96	3.8			
Dreschslera/Bipolaris																		
Epicoccum	7	96	1.6	7	96	2.1												
Oidium/Pero																		
Nigrospora	11	144	2.5	7	96	2.1												
Penicillium/Asp	25	336	5.7	14	192	4.3												
Periconia/Myx																		
Pithomyces																		
Pseudo/Cercospora																		
Rust																		
Smut																		
Stachybotrys																		
Pollen	14	192		7	96													
Hyphae	7	96		7	96		4	48		4	48		4	48				
Particulate	4	48		4	48		4	48		4	48		4	48				
	439	5,856		338	4,512		133	1,776		144	1,920		191	2,544				
	Total	Cnts./	Per-	Total	Cnts./	Per-	Total	Cnts./	Per-	Total	Cnts./	Per-	Total	Cnts./	Per-	Total	Cnts./	Per-
	Cnts.	m3	cent	Cnts.	m3	cent	Cnts.	m3	cent	Cnts.	m3	cent	Cnts.	m3	cent	Cnts.	m3	cent

Crisp Analytical Labs, L.L.C. 2081 Hutton , Suite 301 Carrollton, TX 75006
 Dallas Baton Rouge Houston

Analyst - Chad Lytle

General Manager - Leslie Crisp

CA Labs

Crisp Analytical Laboratories, LLC. Phone: 972-488-1414
 2061 Hutton Dr. Fax: 972-488-8006
 Suite 301 After hours Mobile: 469-233-5282
 Carrollton, TX 75006

Client Name: <u>ASTEX INC</u>	CA Labs job # <u>CAL</u>
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Client Address: <u>123 CATALPA</u>	Billing Address: <u>SAME</u>
<u>SAN ANTONIO TX 78209</u>	(if different)

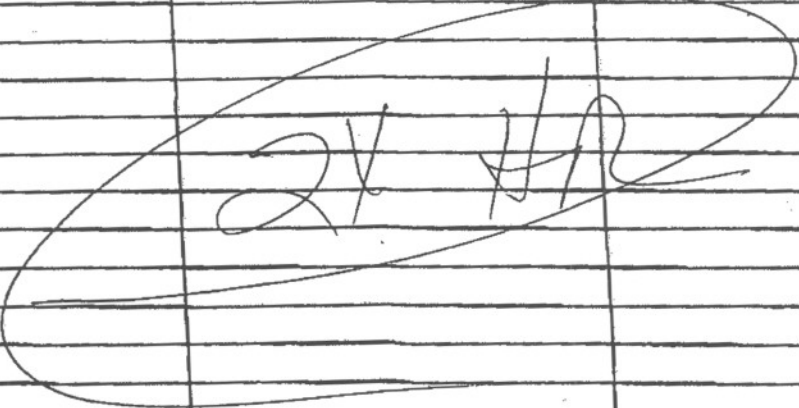
phone number: (210) 828 9800

fax number: (210) 829 4927

Project Name: SAHA - 1702 VILLA PLAZER

Project Number: AES-08-1-4777

EMAIL Send Reports to: RONG@ASTEXINC.COM

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
4777 - 01	OUTSIDE FRONT	3/21/08 1:30 P	0.7 M ³
- 02	(REAR		
- I1	INSIDE KITCH/LR		
- I2	2 ND FL HALL L BR		
- I3	2 ND FL HALL R BR		
			

For Internal use:
 Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:
 Samples relinquished: [Signature] 3/21/08
 Signature / Date / Time

Samples received: _____
 Signature / Date / Time

Samples relinquished: _____
 Signature / Date / Time

Samples received: _____
 Signature / Date / Time