Sample Report

ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

306 5th Street, Suite 2A - Bay City, MI 48708

LABORATORY REPORT

QUANTITATIVE SURFACE MOLD AND DUST ANALYSIS

Report prepared for : ABC Environmental

Client Project # : 201156
Project Description : 875 Redwood Ln

EAA Project # : 21-0122

Samples Collected : 1/9/21
Samples received : 1/12/21
Date of Analysis : 1/13/21

Authorized / data reviewed by : *Joseph R. Heintskill*

Joseph R. Heintskill
Laboratory Manager

The EAA sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All particle concentrations are rounded to 3 significant figures. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Environmental Analysis Associates, Inc. (EAA) shall not be liable to the client or the client's customer with respect to interpretation, recommendations made or actions implemented by either the client or the client's customer as a result of or based upon the test results.

All samples were received in acceptable condition unless noted in the General Comments section of the data report.

ENVIRONMENTAL ANALYSIS ASSOCIATES, INC. - 306 5th Street, Suite 2A - Bay City, MI 48708

QUANTITATIVE SURFACE MOLD AND DUST ANALYSIS

EAA Method # : DUST-D01

Client Name : ABC Environmental
Client Project # : 201156 Project : 875 Redwood Ln
Requested by : Jane Kelly Date collected : 1/9/21 Sample condition : *Acceptable as received*
EAA Project# : 21-0122 Date received : 1/12/21 Magnification 500X

Client Sample#	Sample Description / Location	Background Dust Loading - General Comments
1	Bedroom 1	Elevated skin fragments
2	Bedroom 2	Elevated skin fragments & cellulose
3	Bathroom	Atypical skin fragments & mineral dust
4	Master Bathroom	Typical dust
5	Kitchen	Typical dust

SURFACE MOLD SPORE CONCENTRATIONS (Cts./mm^2)

Category Sample # -->	1	2	3	4	5
Total Mold Spores (Cts/mm^2)	**5.0**	**3.6**	**8.7**	**2.5**	**3.2**
Alternaria					0.4
Aspergillus/Penicillium			7.2		
Pigmented Asco & Basidio	0.7			0.4	1.1
Mix tiny, hyal Asco & Basidio	1.4	0.7			
Botrytis					
Chaetomium					
Cladosporium	2.9	2.2	0.7	1.8	1.1
Curvularia					
Drechslera/Bipolaris					
Epicoccum					
Fusicladium-like					
Nigrospora					
Oidium/Peronospora					
Pithomyces					
Rusts					
Smuts / Myxomycetes / Periconia		0.7		0.4	0.7
Stachybotrys			0.7		
Stemphylium					
Torula					
Ulocladium					
Other Hyaline Fungi					
Other Fungi					
Unidentified Fungi					
Hyphae fragments			0.7		
Algal / fern spores					
Insect parts					
POLLEN (Total cts/mm^2)	**0.7**	**not detected**	**not detected**	**not detected**	**1.1**
Not specified	0.7				1.1
Pinus					
COMMON AEROSOLS (cts/mm2)					
Skin cell fragments	231.0	332.0	120.0	14.4	18.7
Fiberglass fibers		0.7			
Cellulosic / synthetic fibers	41.8	63.4	7.2	3.6	2.9
Unidentified opaque	13.0	49.0	29.6	11.9	9.4
Mineral / clay soil dust	130.0	163.0	199.0	44.0	72.1
OTHER AEROSOLS (cts/mm2)	**not detected**	**not detected**	**not detected**	**not detected**	**not detected**
Statistical Parameters					
Area analyzed (mm^2)--mold/aerosols:	1.39	1.39	1.39	2.77	2.77
Detect limit(Cts/mm^2)--mold/aerosols:	0.72	0.72	0.72	0.36	0.36
Raw Count Conversion Factor :	1.39	1.39	1.39	2.77	2.77
Microscopic fields counted :	10	10	10	20	20
Microscope field area (mm^2):	0.14	0.14	0.14	0.14	0.14

Note: Sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. *rev.2021-All Clients-1/4/21*

Authorized / data reviewed by : *Joseph R. Heintskill* Date: **1/13/21**

Analyst : *jls* Date analyzed: 1/13/21

DUST PROFILE™

ENVIRONMENTAL ANALYSIS ASSOCIATES, INC. - 306 5th Street, Suite 2A - Bay City, MI 48708

QUANTITATIVE SURFACE MOLD AND DUST ANALYSIS

(Mold and Dust Comparison Summary - Cts/mm^2)

EAA Method # : DUST-D01

end of report

Client Name : ABC Environmental

Client Project # : 201156

Requested by : Jane Kelly

Project description : 875 Redwood Ln

EAA Project# : 21-0122

Sample # Description	Mold Spore * Total	Chronic Aspergillus / Penicillium	Chronic W.I. Fungi	Chronic Outdoor Spores	Chronic Hyphae Fragments	Pollen	Skin cell Fragments	Fibrous Dust Min. wool/ Fiberglass	Fibrous Dust Cellulose/ Synthetic	Non-Fibrous dust Unident. Opaque	Non-Fibrous dust Crystalline Mineral	Other Particles
1 Bedroom 1	5.0			5.0		0.7	231.0		41.8	13.0	130.0	
2 Bedroom 2	3.6			3.6			332.0	0.7	63.4	49.0	163.0	
3 Bathroom	8.7	7.2	0.72	0.7	0.7		120.0		7.2	29.6	199.0	
4 Master Bathroom	2.5			2.5			14.4		3.6	11.9	44.0	
5 Kitchen	3.2			3.2		1.1	18.7		2.9	9.4	72.1	

** Note : All individual particle category values are rounded to 3 significant figures. As a result, individually summed mold categories may appear slightly different than the "Total" value*

Chronic water indicating fungi (W.I.), include the genera Chaetomium, Stachybotrys, Ulocladium, and Trichoderma. The hyphae fragments category includes hyphae (mycelia), phialides, perithecia, etc. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Range	Percentile
Elevated-6	>99%
Elevated-5	>95%
Atypical-4	>90%
Atypical-3	>75%
Typical-2	>50%
Typical-1	<50%