

# ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

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



## LABORATORY REPORT

### AIRBORNE MOLD SPORE ANALYSIS

**Report prepared for : ABC Environmental**

Client Project # : 14133

Project Description : Main House and Guest House

EAA Project # : 24-2194

Samples Collected : 09/24/24

Samples Received : 09/26/24

Date of Analysis : 09/26/24

Authorized / data reviewed by : Joseph R. Heintskill

Joseph R. Heintskill  
Laboratory Manager

**AIHA-LAP, LLC Accredited, Lab ID#: 220804**

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.



**AIRBORNE MOLD SPORE ANALYSIS**

EAA Method #: MOLD-A01

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Client Name : ABC Environmental

Client Project # : 14133

Requested by : John A. Doe

EAA Project# : 24-2194

Project description : Main House and Guest House

Date collected : 9/24/24

Sample received : 9/26/24

Sample condition : Acceptable as received

| Client Sample# | Sample Description / Location | Background Dust Loading - General Comments |
|----------------|-------------------------------|--|
| 3742 3940      | Bathroom - Source Leak        | Atypical dust                              |
| 3742 3941      | Closet                        | Typical dust                               |
| 3620 9968      | Bedroom 1                     | Typical dust                               |
| 3742 3927      | Bedroom 2                     | Typical dust                               |
| 3742 3949      | Bedroom 2 Bath                | Typical dust                               |

**AIRBORNE MOLD SPORE CONCENTRATIONS (cts/m³) -- Spore Trap Sample Analysis**

High mag. used 500X

| Category                          | Sample # --> | 3742 3940           | 3742 3941           | 3620 9968           | 3742 3927           | 3742 3949           |
|-----------------------------------|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Total Mold Spores (cts/m³)</b> |              | <b>9710</b>         | <b>2430</b>         | <b>2340</b>         | <b>5300</b>         | <b>3240</b>         |
| Alternaria                        |              | 14                  |                     |                     |                     |                     |
| Aspergillus / Penicillium         |              | 4160                | 777                 | 1970                | 1870                | 914                 |
| Pigmented Asco & Basidio          |              | 686                 | 229                 | 46                  | 320                 | 183                 |
| Mix tiny, hyal Asco & Basidio     |              | 3430                | 1420                | 274                 | 2650                | 1690                |
| Botrytis                          |              |                     |                     |                     |                     |                     |
| Chaetomium                        |              |                     |                     |                     |                     |                     |
| Cladosporium                      |              | 686                 |                     | 46                  | 411                 | 457                 |
| Curvularia                        |              | 46                  |                     |                     |                     |                     |
| Drechslera / Bipolaris            |              |                     |                     |                     |                     |                     |
| Epicoccum                         |              |                     |                     |                     |                     |                     |
| Fusicladium-like                  |              |                     |                     |                     |                     |                     |
| Nigrospora                        |              |                     |                     |                     |                     |                     |
| Oidium / Peronospora              |              |                     |                     |                     |                     |                     |
| Pithomyces                        |              | 46                  |                     |                     | 46                  |                     |
| Rusts                             |              |                     |                     |                     |                     |                     |
| Smuts / Myxomycetes / Periconia   |              | 46                  |                     |                     |                     |                     |
| Stachybotrys                      |              | 594                 |                     |                     |                     |                     |
| Stemphylium                       |              |                     |                     |                     |                     |                     |
| Torula                            |              |                     |                     |                     |                     |                     |
| Ulocladium                        |              |                     |                     |                     |                     |                     |
| Other Hyaline Fungi               |              |                     |                     |                     |                     |                     |
| Other Fungi                       |              |                     |                     |                     |                     |                     |
| Unidentified Fungi                |              |                     |                     |                     |                     |                     |
| Hyphae fragments                  |              | 320                 |                     |                     |                     |                     |
| Algal / fern spores               |              |                     |                     |                     |                     |                     |
| Insect parts                      |              |                     |                     |                     |                     |                     |
| <b>POLLEN (Total cts/m³)</b>      |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Not specified                     |              |                     |                     |                     |                     |                     |
| Pinus                             |              |                     |                     |                     |                     |                     |
| <b>COMMON AEROSOLS (cts/m³)</b>   |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Skin cell fragments               |              |                     |                     |                     |                     |                     |
| Fiberglass fibers                 |              |                     |                     |                     |                     |                     |
| Cellulosic / synthetic fibers     |              |                     |                     |                     |                     |                     |
| Unidentified opaque               |              |                     |                     |                     |                     |                     |
| Mineral / clay soil dust          |              |                     |                     |                     |                     |                     |
| <b>OTHER AEROSOLS (cts/m³)</b>    |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |

| Statistical Parameters  |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|
| Vol. analyzed (m³)-high mag - 500x:   | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| Detect limit(Cts/m³)-high magnification:  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  |
| % sample analyzed-high magnification:   | 29%   | 29%   | 29%   | 29%   | 29%   | 29%   |
| Vol. analyzed(m³)/entire sple 150-300x:   | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 |
| * Detection limit (Cts/m³)/entire sple:   | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  |
| * Note: The "entire sample" detection limit applies to the "large" particle categories analyzed during the low magnification examination of the entire sample |       |       |       |       |       |       |
| Sample flow rate (lpm):   | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  |
| Sample trace length (mm):   | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 |
| Microscope field diameter (mm):   | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 |

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.2021-4 8/25/21

Background dust loading criteria (Estimated area%): Typical-low <5%, Typical 5-20%, Atypical, 20-40%, Elevated 40-80%, Overloaded >80%

Authorized / data reviewed by: Joseph R. Keintskill

Analyst: err

Report date: 10/11/24

Date analyzed: 9/26/24



**AIRBORNE MOLD SPORE ANALYSIS**

EAA Method #: MOLD-A01

Client Name : ABC Environmental

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Client Project # : 14133

Project description : Main House and Guest House

Requested by : John A. Doe

Date collected : 9/24/24

Sample condition : Acceptable as received

EAA Project# : 24-2194

Sample received : 9/26/24

| Client Sample# | Sample Description / Location | Background Dust Loading - General Comments |
|----------------|-------------------------------|--|
| 3742 3951      | Guest Bath                    | Typical dust                               |
| 3742 3939      | TV Room                       | Typical dust                               |
| 3742 3947      | OA                            | Typical dust                               |
| 3742 3953      | Mezzanine                     | Typical dust                               |
| 3742 3966      | Main Floor                    | Typical dust                               |

**AIRBORNE MOLD SPORE CONCENTRATIONS (cts/m³) -- Spore Trap Sample Analysis**

High mag. used 500X

| Category                          | Sample # --> | 3742 3951           | 3742 3939           | 3742 3947           | 3742 3953           | 3742 3966           |
|-----------------------------------|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Total Mold Spores (cts/m³)</b> |              | <b>2060</b>         | <b>1050</b>         | <b>6010</b>         | <b>27700</b>        | <b>1160</b>         |
| Alternaria                        |              |                     |                     |                     |                     |                     |
| Aspergillus / Penicillium         |              | 229                 |                     |                     | 26700               | 411                 |
| Pigmented Asco & Basidio          |              | 91                  | 46                  | 46                  | 137                 | 91                  |
| Mix tiny, hyal Asco & Basidio     |              | 1600                | 823                 | 1690                | 731                 | 549                 |
| Botrytis                          |              |                     |                     |                     |                     |                     |
| Chaetomium                        |              |                     |                     |                     |                     | 14                  |
| Cladosporium                      |              | 91                  | 137                 | 3150                | 137                 | 46                  |
| Curvularia                        |              |                     |                     |                     |                     |                     |
| Drechslera / Bipolaris            |              |                     |                     |                     |                     |                     |
| Epicoccum                         |              |                     |                     |                     |                     |                     |
| Fusicladium-like                  |              |                     |                     |                     |                     |                     |
| Nigrospora                        |              |                     |                     |                     |                     |                     |
| Oidium / Peronospora              |              |                     |                     |                     |                     |                     |
| Pithomyces                        |              |                     |                     |                     |                     | 46                  |
| Rusts                             |              |                     | 46                  | 27                  |                     |                     |
| Smuts / Myxomycetes / Periconia   |              | 46                  |                     |                     |                     |                     |
| Stachybotrys                      |              |                     |                     |                     |                     |                     |
| Stemphylium                       |              |                     |                     |                     |                     |                     |
| Torula                            |              |                     |                     |                     |                     |                     |
| Ulocladium                        |              |                     |                     |                     |                     |                     |
| Other Hyaline Fungi               |              |                     |                     |                     |                     |                     |
| Other Fungi                       |              |                     |                     | 1100                |                     |                     |
| Unidentified Fungi                |              |                     |                     |                     |                     |                     |
| Hyphae fragments                  |              |                     |                     | 137                 | 91                  | 91                  |
| Algal / fern spores               |              |                     |                     |                     |                     |                     |
| Insect parts                      |              |                     |                     |                     |                     |                     |
| <b>POLLEN (Total cts/m³)</b>      |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Not specified                     |              |                     |                     |                     |                     |                     |
| Pinus                             |              |                     |                     |                     |                     |                     |
| <b>COMMON AEROSOLS (cts/m³)</b>   |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Skin cell fragments               |              |                     |                     |                     |                     |                     |
| Fiberglass fibers                 |              |                     |                     |                     |                     |                     |
| Cellulosic / synthetic fibers     |              |                     |                     |                     |                     |                     |
| Unidentified opaque               |              |                     |                     |                     |                     |                     |
| Mineral / clay soil dust          |              |                     |                     |                     |                     |                     |
| <b>OTHER AEROSOLS (cts/m³)</b>    |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |

**Statistical Parameters**

|   |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|
| Vol. analyzed (m³)-high mag - 500x:   | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| Detect limit(Cts/m³)-high magnification:  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  |
| % sample analyzed-high magnification:   | 29%   | 29%   | 29%   | 29%   | 29%   |
| Vol. analyzed(m³)entire sple 150-300x:  | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 |
| * Detection limit (Cts/m³)/entire sple:   | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  |
| * Note: The "entire sample" detection limit applies to the "large" particle categories analyzed during the low magnification examination of the entire sample |       |       |       |       |       |
| Sample flow rate (lpm):   | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  |
| Sample trace length (mm):   | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 |
| Microscope field diameter (mm):   | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 |

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.2021-4 8/25/21

Background dust loading criteria (Estimated area%): Typical-low <5%, Typical 5-20%, Atypical, 20-40%, Elevated 40-80%, Overloaded >80%

Authorized / data reviewed by: Joseph R. Heintskill

Report date: 10/11/24

Analyst: err

Date analyzed: 9/26/24



**AIRBORNE MOLD SPORE ANALYSIS**  
**(Mold and Dust Comparison Summary - Cts/m<sup>3</sup>)**

EAA Method #: MOLD-A01

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Client Name : ABC Environmental  
 Client Project # : 14133  
 Requested by : John A. Doe

Project description : Main House and Guest House  
 EAA Project# : 24-2194

| Sample #<br>Description             | Mold<br>Spores<br>* Total | Aspergillus /<br>Penicillium | Chronic<br>W.I.<br>Fungi | Outdoor<br>Spores | Hyphae<br>Fragments | Pollen | Skin cell<br>Fragments | Fibrous Dust              |                          | Non-Fibrous Dust   |                         | Other<br>Particles |
|-------------------------------------|---------------------------|------------------------------|--------------------------|-------------------|---------------------|--------|------------------------|---------------------------|--------------------------|--------------------|-------------------------|--------------------|
|                                     |                           |                              |                          |                   |                     |        |                        | Min. wool /<br>Fiberglass | Cellulose /<br>Synthetic | Unident.<br>Opaque | Crystalline<br>Minerals |                    |
| 3742 3940<br>Bathroom - Source Leak | 9,710                     | 4,160                        | 594                      | 4,950             | 320                 |        |                        |                           |                          |                    |                         |                    |
| 3742 3941<br>Closet                 | 2,430                     | 777                          |                          | 1,650             |                     |        |                        |                           |                          |                    |                         |                    |
| 3620 9968<br>Bedroom 1              | 2,340                     | 1,970                        |                          | 365               |                     |        |                        |                           |                          |                    |                         |                    |
| 3742 3927<br>Bedroom 2              | 5,300                     | 1,870                        |                          | 3,430             |                     |        |                        |                           |                          |                    |                         |                    |
| 3742 3949<br>Bedroom 2 Bath         | 3,240                     | 914                          |                          | 2,330             |                     |        |                        |                           |                          |                    |                         |                    |
| 3742 3951<br>Guest Bath             | 2,060                     | 229                          |                          | 1,830             |                     |        |                        |                           |                          |                    |                         |                    |
| 3742 3939<br>TV Room                | 1,050                     |                              |                          | 1,050             |                     |        |                        |                           |                          |                    |                         |                    |
| 3742 3947<br>OA                     | 6,010                     |                              |                          | 6,010             | 137                 |        |                        |                           |                          |                    |                         |                    |
| 3742 3953<br>Mezzanine              | 27,700                    | 26,700                       |                          | 1,010             | 91                  |        |                        |                           |                          |                    |                         |                    |
| 3742 3966<br>Main Floor             | 1,160                     | 411                          | 14                       | 732               | 91                  |        |                        |                           |                          |                    |                         |                    |

Note: Sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All individual particle category values are rounded to 3 significant figures. In order to provide chart clarity, cells where the particle category was not detected are intentionally left blank. This test report shall not be reproduced except in full, without the written approval of the laboratory.

EAA provides a separate **AIR PROFILE™** database on our website (eaalab.com) for a comparison with samples collected from other buildings nationwide. This reference document is only intended to provide an initial comparison with historical measurements compiled by EAA from other problem and non-problem buildings. The final opinions and interpretation regarding how the tested items apply to site specific conditions on your project are not provided within this EAA laboratory report, and can only be provided by the IEP or client that conducted the original inspection and sample collection.



**AIRBORNE MOLD SPORE ANALYSIS**

EAA Method #: MOLD-A01

RAW COUNT DATA ONLY - Do not use for volumetric concentration comparisons

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Client Name : ABC Environmental Description : Main House and Guest House  
 Client Project # : 14133 Date collected : 9/24/24  
 EAA Project#: 24-2194 Sample received : 9/26/24 Analysis magnification : 500x

| Client Sample# | Sample Description / Location | Raw / Extrapolated Count Comments   |
|----------------|-------------------------------|---|
| 3742 3940      | Bathroom - Source Leak        | Note: When a fractional raw particle count is present, (e.g. 0.3), the count is based on counting the "entire sample" at low magnification. The results are then "back-calculated" to the high magnification detection limit for that specific particle category. This "raw" count page is required to be reported to the client as directed by the AIHA-LAP accreditation program. |
| 3742 3941      | Closet                        |   |
| 3620 9968      | Bedroom 1                     |   |
| 3742 3927      | Bedroom 2                     |   |
| 3742 3949      | Bedroom 2 Bath                |   |

**AIRBORNE MOLD / DUST (Raw / Extrapolated Spore Counts Only) - Spore Trap Sample Analysis**

| Category                             | Sample # --> | 3742 3940           | 3742 3941           | 3620 9968           | 3742 3927           | 3742 3949           |
|--------------------------------------|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Total Mold Spores - Total cts</b> |              | <b>212</b>          | <b>53</b>           | <b>51</b>           | <b>116</b>          | <b>71</b>           |
| Alternaria                           |              | 0.3                 |                     |                     |                     |                     |
| Aspergillus / Penicillium            |              | 91                  | 17                  | 43                  | 41                  | 20                  |
| Pigmented Asco & Basidio             |              | 15                  | 5                   | 1                   | 7                   | 4                   |
| Mix tiny, hyal Asco & Basidio        |              | 75                  | 31                  | 6                   | 58                  | 37                  |
| Botrytis                             |              |                     |                     |                     |                     |                     |
| Chaetomium                           |              |                     |                     |                     |                     |                     |
| Cladosporium                         |              | 15                  |                     | 1                   | 9                   | 10                  |
| Curvularia                           |              | 1                   |                     |                     |                     |                     |
| Drechslera / Bipolaris               |              |                     |                     |                     |                     |                     |
| Epicoccum                            |              |                     |                     |                     |                     |                     |
| Fusicladium-like                     |              |                     |                     |                     |                     |                     |
| Nigrospora                           |              |                     |                     |                     |                     |                     |
| Oidium / Peronospora                 |              |                     |                     |                     |                     |                     |
| Pithomyces                           |              | 1                   |                     |                     | 1                   |                     |
| Rusts                                |              |                     |                     |                     |                     |                     |
| Smuts / Myxomycetes / Periconia      |              | 1                   |                     |                     |                     |                     |
| Stachybotrys                         |              | 13                  |                     |                     |                     |                     |
| Stemphylium                          |              |                     |                     |                     |                     |                     |
| Torula                               |              |                     |                     |                     |                     |                     |
| Ulocladium                           |              |                     |                     |                     |                     |                     |
| Other Hyaline Fungi                  |              |                     |                     |                     |                     |                     |
| Other Fungi                          |              |                     |                     |                     |                     |                     |
| Unidentified Fungi                   |              |                     |                     |                     |                     |                     |
| Hyphae fragments                     |              | 7                   |                     |                     |                     |                     |
| Algal / fern spores                  |              |                     |                     |                     |                     |                     |
| Insect parts                         |              |                     |                     |                     |                     |                     |
| <b>POLLEN (Total cts)</b>            |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Not specified                        |              |                     |                     |                     |                     |                     |
| Pinus                                |              |                     |                     |                     |                     |                     |
| <b>COMMON AEROSOLS</b>               |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Skin cell fragments                  |              |                     |                     |                     |                     |                     |
| Fiberglass fibers                    |              |                     |                     |                     |                     |                     |
| Cellulosic / synthetic fibers        |              |                     |                     |                     |                     |                     |
| Unidentified opaque                  |              |                     |                     |                     |                     |                     |
| Mineral / clay soil dust             |              |                     |                     |                     |                     |                     |
| <b>OTHER PARTICLES</b>               |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
|                                      |              |                     |                     |                     |                     |                     |
|                                      |              |                     |                     |                     |                     |                     |

| Statistical Parameters  |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|
| Vol. analyzed (m³)-high mag - 500x:   | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| Detect limit(Cts/m³)-high magnification:  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  |
| % sample analyzed-high magnification:   | 29%   | 29%   | 29%   | 29%   | 29%   | 29%   |
| Vol. analyzed(m³)/entire sple 150-300x:   | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 |
| * Detection limit (Cts/m³)/entire sple:   | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  |
| * Note: The "entire sample" detection limit applies to the "large" particle categories analyzed during the low magnification examination of the entire sample |       |       |       |       |       |       |
| Sample flow rate (lpm):   | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  |
| Sample trace length (mm):   | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 |
| Microscope field diameter (mm):   | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 |

NOTE: The raw particle count data cannot be used as a measure of the actual airborne concentration and only represents the number of "raw" or extrapolated particles counted. Where a fractional value is present (e.g. 0.3 or 1.3) for any mold or dust category, the entire trace for this category was analyzed and the "entire sample detection limit" applies.



**AIRBORNE MOLD SPORE ANALYSIS**

EAA Method #: MOLD-A01

RAW COUNT DATA ONLY - Do not use for volumetric concentration comparisons

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Client Name : ABC Environmental

Description : Main House and Guest House

end of report

Client Project #: 14133

Date collected : 9/24/24

EAA Project#: 24-2194

Sample received : 9/26/24

Analysis magnification : 500x

| Client Sample# | Sample Description / Location | Raw / Extrapolated Count Comments   |
|----------------|-------------------------------|---|
| 3742 3951      | Guest Bath                    | Note: When a fractional raw particle count is present, (e.g. 0.3), the count is based on counting the "entire sample" at low magnification. The results are then "back-calculated" to the high magnification detection limit for that specific particle category. This "raw" count page is required to be reported to the client as directed by the AIHA-LAP accreditation program. |
| 3742 3939      | TV Room                       |   |
| 3742 3947      | OA                            |   |
| 3742 3953      | Mezzanine                     |   |
| 3742 3966      | Main Floor                    |   |

**AIRBORNE MOLD / DUST (Raw / Extrapolated Spore Counts Only) - Spore Trap Sample Analysis**

| Category                             | Sample # --> | 3742 3951           | 3742 3939           | 3742 3947           | 3742 3953           | 3742 3966           |
|--------------------------------------|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Total Mold Spores - Total cts</b> |              | <b>45</b>           | <b>23</b>           | <b>132</b>          | <b>606</b>          | <b>25</b>           |
| Alternaria                           |              |                     |                     |                     |                     |                     |
| Aspergillus / Penicillium            |              | 5                   |                     |                     | 584                 | 9                   |
| Pigmented Asco & Basidio             |              | 2                   | 1                   | 1                   | 3                   | 2                   |
| Mix tiny, hyal Asco & Basidio        |              | 35                  | 18                  | 37                  | 16                  | 12                  |
| Botrytis                             |              |                     |                     |                     |                     |                     |
| Chaetomium                           |              |                     |                     |                     |                     | 0.3                 |
| Cladosporium                         |              | 2                   | 3                   | 69                  | 3                   | 1                   |
| Curvularia                           |              |                     |                     |                     |                     |                     |
| Drechslera / Bipolaris               |              |                     |                     |                     |                     |                     |
| Epicoccum                            |              |                     |                     |                     |                     |                     |
| Fusicladium-like                     |              |                     |                     |                     |                     |                     |
| Nigrospora                           |              |                     |                     |                     |                     |                     |
| Oidium / Peronospora                 |              |                     |                     |                     |                     |                     |
| Pithomyces                           |              |                     |                     |                     |                     | 1                   |
| Rusts                                |              |                     | 1                   | 0.6                 |                     |                     |
| Smuts / Myxomycetes / Periconia      |              | 1                   |                     |                     |                     |                     |
| Stachybotrys                         |              |                     |                     |                     |                     |                     |
| Stemphylium                          |              |                     |                     |                     |                     |                     |
| Torula                               |              |                     |                     |                     |                     |                     |
| Ulocladium                           |              |                     |                     |                     |                     |                     |
| Other Hyaline Fungi                  |              |                     |                     |                     |                     |                     |
| Other Fungi                          |              |                     |                     | 24                  |                     |                     |
| Unidentified Fungi                   |              |                     |                     |                     |                     |                     |
| Hyphae fragments                     |              |                     |                     | 3                   | 2                   | 2                   |
| Algal / fern spores                  |              |                     |                     |                     |                     |                     |
| Insect parts                         |              |                     |                     |                     |                     |                     |
| <b>POLLEN (Total cts)</b>            |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Not specified                        |              |                     |                     |                     |                     |                     |
| Pinus                                |              |                     |                     |                     |                     |                     |
| <b>COMMON AEROSOLS</b>               |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
| Skin cell fragments                  |              |                     |                     |                     |                     |                     |
| Fiberglass fibers                    |              |                     |                     |                     |                     |                     |
| Cellulosic / synthetic fibers        |              |                     |                     |                     |                     |                     |
| Unidentified opaque                  |              |                     |                     |                     |                     |                     |
| Mineral / clay soil dust             |              |                     |                     |                     |                     |                     |
| <b>OTHER PARTICLES</b>               |              | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> | <b>not analyzed</b> |
|                                      |              |                     |                     |                     |                     |                     |
|                                      |              |                     |                     |                     |                     |                     |

| Statistical Parameters  |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|
| Vol. analyzed (m <sup>3</sup> )-high mag - 500x:  | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| Detect limit(Cts/m <sup>3</sup> )-high magnification:   | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  | 45.7  |
| % sample analyzed-high magnification:   | 29%   | 29%   | 29%   | 29%   | 29%   | 29%   |
| Vol. analyzed(m <sup>3</sup> )/entire sple 150-300x:  | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 |
| * Detection limit (Cts/m <sup>3</sup> )/entire sple:  | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  | 13.3  |
| * Note: The "entire sample" detection limit applies to the "large" particle categories analyzed during the low magnification examination of the entire sample |       |       |       |       |       |       |
| Sample flow rate (lpm):   | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  | 15.0  |
| Sample trace length (mm):   | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 |
| Microscope field diameter (mm):   | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 |

**NOTE:** The raw particle count data cannot be used as a measure of the actual airborne concentration and only represents the number of "raw" or extrapolated particles counted. Where a fractional value is present (e.g. 0.3 or 1.3) for any mold or dust category, the entire trace for this category was analyzed and the "entire sample detection limit" applies.